The 2005 High School Transcript Study User's Guide and Technical Report

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The 2005 High School Transcript Study User's Guide and Technical Report

November 2008

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The 2005 High School Transcript Study User's Guide and Technical Report

May 2010

Errors were found in some tables and text within the report that have now been corrected. These corrections affected certain numbers and percentages reported in tables 2, 3, 5, 6, 10-17, and Appendices P through W.

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1. INTRODUCTION

This technical report documents the procedures used to collect and summarize data from the 2005 High School Transcript Study (HSTS 2005). Chapters detail the sampling of schools and graduates (chapters 2 and 3), data collection procedures (chapter 4), data processing procedures (chapter 5), and weighting procedures (chapter 6). Chapter 7 describes the HSTS 2005 data files and codebooks that are encompassed by this report. Appendices A through J contain the HSTS 2005 data collection and documentation forms, and appendices K through M contain the associated National Assessment of Educational Progress (NAEP) 2005 study questionnaires. Appendix N contains information concerning nonresponse bias associated with creating the HSTS weights. Appendix O describes the Classification of Secondary School Courses (CSSC), which was used to code the courses on the HSTS 2005 transcripts, and provides a complete listing of CSSC codes. The codebooks for all of the HSTS 2005 restricted-use data files are in appendices P through W. A glossary of terms is in appendix X.

This chapter provides an introduction to HSTS 2005. Additional information is contained in later chapters. Initial results are contained in the companion report *The Nation's Report Card: America's High School Graduates: Results from the 2005 NAEP High School Transcript Study* (Shettle et al. 2007), where selected topics are discussed in greater detail.

1.1 Overview of the High School Transcript Study

Over the years, various reform efforts have sought to improve the quality of education across the United States. In the early 1980s, the focus was on statewide curricula in core courses, a response to the watershed report, *A Nation at Risk: The Imperative for Educational Reform* (National Commission on Excellence in Education 1983). Since then, national efforts have addressed several issues concerning quality education, analyzing the content of courses in specific subject areas (e.g., mathematics and science), the number of courses completed, and when courses are completed.

NAEP HSTS is a periodic survey that provides educational professionals, such as administrators, policymakers, and researchers, with information regarding the coursetaking patterns of high school graduates and their grade point averages (GPAs). It can also be used to provide information

on the relationship of graduate coursetaking patterns to achievement as measured by NAEP. NAEP is an ongoing, periodic assessment of educational achievement in U.S. schools.

The transcript studies serve as a barometer for changes in high school graduates' coursetaking patterns. Coursetaking patterns provide valuable information about the rigor of high school curricula followed across the nation. The first national transcript study was conducted by the National Center for Education Statistics (NCES) in 1982 and captured baseline information on high school students' patterns prior to the publication of *A Nation at Risk* and the resulting changes in curricula and educational reform.

For HSTS 2005, complete transcripts for 26,200 graduates from public and private high schools in 2005 were collected from a nationally representative sample of schools from May through October 2005. The survey was conducted in conjunction with NAEP 2005 mathematics and science assessments in the 12th grade. A description of this survey can be found on the NAEP home page at http://nces.ed.gov/nationsreportcard/.

Since similar studies were conducted on the coursetaking patterns of graduates over the years, changes in these patterns can be studied and compared. Table 1 lists the nine NCES studies that have been conducted beginning in 1982 involving the collection of high school transcripts.

Table 1. NCES high school transcript studies: Selected years, 1982-2005

Study	Approximate number of transcripts[1]
1982 High School and Beyond	12,700
1987 NAEP High School Transcript Study	34,100
1990 NAEP High School Transcript Study	21,500
National Education Longitudinal Study of 1988 Second Follow-Up (1992)	17,300
1994 NAEP High School Transcript Study	25,500
1998 NAEP High School Transcript Study	25,000
2000 NAEP High School Transcript Study	21,000
Education Longitudinal Study of 2002 First Follow-Up (2004)	16,400
2005 NAEP High School Transcript Study	27,200

[1] Includes transcripts that were not included in the final reports because they were out of scope.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, High School and Beyond (HS&B), 1982; National Education Longitudinal Study of 1988 (NELS:88) Second Follow-Up, 1992; Education Longitudinal Study of 2002 (ELS:2002) First Follow-Up, (2004); High School Transcript Study (HSTS), Selected years, 1987-2005.

1.2 Relationship of the HSTS 2005 and NAEP 2005

HSTS is conducted in conjunction with NAEP. HSTS 2005 was designed to allow an analysis of the coursetaking patterns of graduates who graduated from American public and private high schools in 2005. It was further designed so that data on graduates' coursetaking patterns can be linked to the NAEP 2005 assessment results. NAEP provides results about subject-matter achievement, instructional experiences, and school environment, and reports these results for populations of students (e.g., 12th-graders) and selected subgroups of those populations (e.g., male students). Changes in the relationship of HSTS coursetaking to NAEP performance can also be examined for similar studies in 1994, 1998, and 2000.[1]

NAEP provides HSTS with data on assessments in different subjects. For HSTS 2005, the scale scores for mathematics and science were provided.

When schools selected for NAEP do not participate in NAEP, the original NAEP schools are replaced with appropriate substitute schools when feasible. To maintain as many links as possible with NAEP 2005 scores, substitute schools that participated in NAEP 2005 were asked to participate in HSTS. When neither the original NAEP refusal schools nor a NAEP substitute participated in NAEP, the school originally selected for NAEP was asked to participate in HSTS. If this school refused participation in HSTS early in the data collection process, the substitute school was asked to participate. Of the approximately 1,020 eligible schools in the original NAEP sample, around 730 schools participated in the HSTS 2005 survey, of which about 60 were substitute schools. Of the schools participating in HSTS 2005, there were close to 680 (93 percent) schools that also participated in NAEP 2005 and retained the information necessary to link HSTS and NAEP.[2]

A total of approximately 29,900 12th grade students were selected for HSTS 2005. Because sampling was performed in most schools prior to graduation, not all sampled students were, in fact, graduates. However, only graduates were eligible for inclusion in the transcript study. Of the students in the original sample, it was determined that approximately 27,200 (91 percent) had graduated by October 2005. Transcripts were received from all but less than 1 percent of these graduates.

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[1] See Legum et al. 1997; Roey et al. 2001b; and Perkins et al. 2004 for information on earlier studies.

[2] The links between the graduates and their IDs are maintained at the schools to preserve the confidentiality of the graduates.

1.3 Contextual Background Data Provided by HSTS 2005

Contextual background data for HSTS 2005 are obtained from the NAEP 2005 questionnaires[3], the high school transcripts, and various school-level forms completed by a school coordinator or counselor.

NAEP 2005 Questionnaires also Completed for Non-NAEP Schools

- The *School Background Questionnaire* contains information about the school, its teachers, and its student body (see appendix K).
- The *Students with Disabilities Questionnaire (SD)* contains information about students classified by their schools as having a disability (see appendix L).
- The *Students with Limited English Proficiency Questionnaire (LEP)* contains information about students classified by their schools as having limited skills in English (see appendix M).

NAEP 2005 Questionnaires not Completed for Non-NAEP Graduates

Students taking NAEP completed *Student Questionnaires* embedded in their test booklets that described their background, demographic characteristics, and educational experiences. Since HSTS does not contact individual graduates, comparable information is not available for graduates that did not participate in NAEP.

Transcripts

The transcripts provided information about the graduate that was coded and entered into the data system by trained personnel. These data included the following:

- date graduate enrolled in high school;
- date graduate graduated;

[3] Additional information about these questionnaires can be found at http://nces.ed.gov/nationsreportcard/bgquest.asp.

- rank in class (where available);
- size of class (where available);
- GPA;
- days absent each year (where available);
- standardized test scores and honors (where available);
- list of courses taken in high school, including the grades received, the number of credits earned for each course, and the grade in which the course was taken; and
- total number of credits received and, in many cases, total number of credits attempted.

School Forms, Catalogs or Course Lists

- *Transcript Request Form (TRF)*: A field worker completed a TRF upon returning to a school to obtain requested graduate transcripts. The form contained graduate demographic data, including Title 1 and National School Lunch Program participation status, as well as the student's graduation status.
- *School Information Form (SIF)*: The completed SIF contained information about the school in general, such as sources of data collection information within the school, course description materials, graduation requirements, and grading practices.
- *School-level Catalog or Course Lists*: These lists contained course titles and descriptions needed to code courses, using the Classification of Secondary School Courses (CSSC).[4]

1.3.1 Participation and Confidentiality of Data

Graduates' transcripts were collected by field workers for the sample of graduates selected for the NAEP 2005 assessment. Unlike NAEP, parental consent is not needed in HSTS, and the schools are provided with information about the Family Educational Rights and Privacy Act (FERPA) that authorizes collection of transcript data without parental consent. Sometimes schools object, and field workers reiterate the FERPA. Generally, schools do not require parental or graduate notification or consent for HSTS because there is no burden placed on the graduate.

[4] See section 4.3.1 for additional information on this process.

The data obtained from the transcript study were kept strictly confidential. Student names and any other identifiable information were masked on the copies of the transcripts before these materials left the schools. Furthermore, in schools that participated in the NAEP assessments, each student received a NAEP ID that was also used in HSTS. The list that linked the student's name with that NAEP ID remained in the school. HSTS staff did not have access to that list and could not recreate it if it were lost.

The restricted-use HSTS 2005 data files do not contain the graduates' names or other variables that directly identify the sampled graduates. Data files do contain the graduates' NAEP IDs, which enable researchers to link the transcript data to the NAEP data. HSTS follows NCES' strict procedures regarding the confidentiality of data files.

1.4 Classification of Secondary School Courses (CSSC)

To compare transcripts from different schools, it was necessary to code each of the courses entered from the transcripts using a common course coding system. The coding system employed for this purpose was a modification of the system presented in *A Classification of Secondary School Courses* (Ludwig et al. 1982). The CSSC, which contains over 2,200 course codes, is a modification of the college course classification system presented in *Classification of Instructional Programs* (Morgan, Hunt, and Carpenter 1991). Both course coding systems use a three-level, six-digit system for classifying courses. The CSSC uses the same first two levels as the Classification of Instructional Programs (CIP), which is represented by the first four digits of each code.[5] The third level of the CSSC (the fifth and sixth digits of the course code) is unique to the CSSC and represents specific high school courses.

A taxonomy of course subject areas was developed for HSTS 1987. This taxonomy, documented in the HSTS 1987 tabulations (Thorne 1988), was developed with an emphasis on academic courses. Computer-related courses were considered as constituting a separate nonvocational subject area, and there were fewer subgroups defined for vocational and personal courses. This taxonomy was applied to data from the High School and Beyond (HS&B) 1982 First Follow-Up Study and the HSTS 1987 data. HSTS 1990 used a slightly expanded version of the same taxonomy in its reports.[6]

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[5] Specifically, the CSSC uses the first two levels of the CIP as it existed in 1982. The CIP has undergone some modification since then. In addition, three sets of codes at the top level have been added to the CSSC to provide a means of classifying courses specifically designed for students with disabilities.

[6] The 1990 study added 18 new codes to the CSSC and to the taxonomy. The full taxonomy is documented in Legum et al. 1993a and Legum et al. 1993c.

Starting with the 1994 study, HSTS switched over to the Secondary School Taxonomy (SST). Originally developed in the late 1980s by the National Assessment of Vocational Education,[7] SST has a less purely academic emphasis and a more richly defined group of vocational education categories than the taxonomy developed for the earlier HS&B and HSTS studies. Computer-related courses became vocational courses, and general skills and military science courses became new subject areas. To maintain comparability among the transcript studies, the HSTS 1987 and 1990 studies, along with the HS&B 1982 study, were recoded using the SST.

With more than 2,200 codes in the CSSC, it is often neither practical nor desirable to tabulate estimates of each possible CSSC code. It is typically more useful, however, to analyze the courses in larger subject areas such as English, social studies, mathematics, or science. There is also interest in subgroups of these subject areas, such as biology, chemistry, and physics. The taxonomy presented in appendix O provides the structure for aggregating the courses to subject areas.

1.4.1 Adding and Deleting CSSC Codes

Codes are added to the CSSC whenever courses are found in the catalogs that have no match in the CSSC. Highly trained coders coded the school catalogs received from the field workers. These coders reviewed the catalogs, matching the appropriate CSSC codes to the courses offered, according to the content and description of the course. If a course that was offered did not have a matching CSSC code in the existing list, the coders wrote that course description in a special suggestion list. After the catalogs were reviewed, and all but those courses on the suggestion list were coded, a coding specialist reviewed the suggestion list and tried to match these courses to existing CSSC codes. If a course did not have a matching CSSC code, and if this course also appeared in several other schools, a new CSSC code was generated. If the "new" course was limited to just a few schools, the CSSC code that most closely described the course was assigned.

In 1994, 18 new CSSC codes were added to the list. In 1998, the CSSC's computer science curriculum changed dramatically. New courses such as Web Design, Java Programming, and C++ Programming were added. Many courses that were labeled as honor courses in the past were reclassified as Advanced Placement (AP) courses. Many International Baccalaureate (IB) courses were added as well.

[7] A description of the development of the SST is provided in *The Secondary School Taxonomy Final Report* (Gifford, Hoachlander, and Tuma 1994).

In all, a total of 83 new or revised codes were added to the CSSC in 1998. In 2000, two CSSC codes were added, one in science and one in computer-related studies. In 2005, 18 new codes were added. Five new codes reflected the increase in AP and IB courses available to students. Other courses were added when courses were encountered on the transcripts that were clearly different from codes already contained in the master CSSC list. These courses included leadership, military drill team, teacher training, and computer hardware and repair. No new subject areas were identified in HSTS 2005. Three duplicate and unused codes were dropped in 2005.

1.5 Comparing HSTS 2005 Results to Other Transcript Studies

Between 1982 and 2005, NCES has conducted nine high school transcript studies: the HS&B survey in 1982, the Second Follow-Up to the National Educational Longitudinal Study (NELS:88) in 1992, First Follow-Up to the Education Longitudinal Study of 2002 (ELS:2002) in 2004; and NAEP HSTS in 1987, 1990, 1994, 1998, 2000, and 2005. One research objective of NAEP HSTS 2005 was to study changes in the coursetaking patterns among high school graduates over time, comparing its results with the other NCES-conducted high school transcript studies. While results are reported for trends over time, it should be noted that some differences exist among the high school transcript studies and some direct comparisons are cautioned.

For more information about comparisons among the different HS&B and HSTS studies, please refer to chapter 1 of *The High School Transcript Study: A Decade of Change in Curricula and Achievement, 1990-2000* (Perkins et al. 2004).[8] For discussion about comparisons with the transcript component of the Second Follow-Up to NELS:88, please refer to appendix A of *National Education Longitudinal Study of 1988, Second Follow-Up: Transcript Component Data File User's Manual* (Ingels et al. 1995). The similarities and differences between the high school transcript studies' data (NAEP, NELS, HS&B) are also described extensively in the *NCES Handbook of Survey Methods* (Thurgood et al. 2003). The handbook looks at the comparability of the high school transcript studies' data based upon five criteria: (1) sample sizes, (2) oversampling of subgroups, (3) eligibility criteria for inclusion in the studies, (4) representativeness of cross-sectional and longitudinal populations, and (5) coding differences.

[8] This report can be found at http://nces.ed.gov/nationsreportcard/.

2. SAMPLE DESIGN FOR THE NAEP 2005 12TH-GRADE ASSESSMENTS

The 2005 High School Transcript Study (HSTS 2005) sample consists of a subsample of 12th-grade schools and students selected for participation in the 2005 National Assessment of Educational Progress (NAEP) operational science and mathematics assessments. This chapter describes aspects of the NAEP 2005 sample design that affect the HSTS 2005 sample. The focus of chapter 3 is on aspects of the selection of schools and students that are specific to HSTS 2005.

All public and private high schools in the United States with one or more graduates in 2005 were eligible for HSTS 2005. Graduates were defined as persons receiving a special education, regular education, or honors diploma. Graduates who were considered ineligible for NAEP (e.g., because of a disability) were considered eligible for HSTS. Eligible graduates with incomplete transcripts were considered nonrespondents. For analyses in which the user wishes to link results of the NAEP assessments with HSTS information, graduates were considered eligible if they met both the HSTS and the NAEP eligibility criteria.

HSTS 2005 used all eligible public schools (i.e., schools with 12th-grade NAEP mathematics and/or science assessments) and a subsample of private schools from the 12th-grade NAEP 2005 assessment. The HSTS 2005 graduate sample consisted of the NAEP 2005 student sample in these subsampled schools.

2.1 Overview of the 12th-grade Sample Design for NAEP 2005

The 12th-grade sample for NAEP 2005 was a two-stage probability-based sample of students.[9] This was a national sample in which schools were the first-stage sampling units selected with probability proportional to a measure of size based on the estimated grade-specific enrollment in the schools. The second stage involved selection of students within schools and their assignment to an assessment subject. In previous NAEP studies, the sample design included an initial sample of primary sampling units (PSUs) from across the nation. For NAEP 2005, the PSU sampling stage was eliminated for operational and statistical reasons.

[9] The procedures for the 2005 NAEP selection differed from what was used in 2000.

As in past assessments, modest oversampling of Black and Hispanic students was undertaken in this sample and was carried out at the school level in order to provide adequate information of these groups for analysis. Each school with both more than 15 percent Black and Hispanic students and 10 or more minority students was considered a high minority school for these purposes and was given twice the selection probability of a low minority school of comparable size. This means that while about 40 percent of the student population (including over 95 percent of the Black and Hispanic students) were in high minority schools, about 60 percent of the sampled students were from these schools.

2.2 Stratification

Sampling was done separately for public and private schools. The grade 12 public sample had an implicit stratification, using a hierarchy of stratifiers and a serpentine sort. The top of the hierarchy was census division (9 implicit strata). The next stratifier in the hierarchy was type of location, which had 8 categories. Of the 72 potential type-of-location strata nested within census divisions, several were collapsed with neighboring type-of-location cells, always within census division, giving a total of 55 to 60 census division-location type strata.

These geographic strata were subdivided into 110 to 120 strata by a dichotomous high minority status category. Schools were in the high minority stratum if they had more than 10 minority eligible students and greater than 15 percent minority eligible students (minority defined as Black or Hispanic). Otherwise the school was put in a low minority stratum. If the expected sample size within these strata was less than 8.0, they were left as is. If the expected sample size was greater than 8.0, then the high or low minority stratum was subdivided into a maximum of four substrata (two for expected sample size up to 12.0, three for expected sample size up to 16.0, and four for expected sample size greater than 16.0). For the low minority strata, the subdivision was by state or groups of contiguous states. For the high minority strata, the subdivision was by minority percentage. In total there were between 160 and 180 implicit strata. Within these substrata, the schools were to be sorted by estimated grade enrollment using a serpentine sort within the school type substrata.

The private schools were explicitly stratified by type of private school (Catholic, Lutheran, Conservative Christian, other private). Within each school type, stratification was by census division (9 categories), type of location (8 categories), and by proportion of minority enrollment, used as a continuous sorting variable. The final number of strata was dependent on the proportion of minority

students (Black/Hispanic/Native American) among those schools within each cell defined by private school type, census division, and type of location. In general, where there were few or no schools in a given stratum, categories were collapsed together.

2.3 Selection of Substitute Schools

Though efforts were made to secure the participation of all schools selected, it was anticipated that not all schools would choose to participate. Therefore, as each school was selected in the sample, the two neighboring schools in the sampling frame (immediately preceding and following it) were designated as replacement schools. If an original school refused to participate, the first replacement was then contacted. If that school also refused to participate, the second school was then contacted. There were several constraints on the assignment of substitutes. One sampled school was not allowed to substitute for another, and a given school could not be assigned to substitute for more than one sampled school.

2.4 Assignment of Sessions and Sample Type to Schools for NAEP and Student Selection

The public school sample at grade 12 was assigned three session types: Operational Reading, Mathematics and Science reporting samples (RS); Mathematics, Civics, History, and Economics pilot tests (PT); and Science Bridge (SB). Most of the sample schools received RS and PT session assignments, with many also receiving SB. Some very small schools received only SB. Up to 144 students were selected within schools. For schools with more than 144 students, a systematic equal probability sample of 135 students was selected. If the school had 54 students or more, 22 percent of the students were assigned to an SB session, with 62 percent of students assigned to an RS session and 16 percent of students assigned to a PT session. If the school had 36 to 53 students, a third of the students were assigned to SB and the rest were split between RS and PT in a 4 to 1 ratio. If the school had 24 to 35 students, half of the students were given SB, 40 percent were assigned RS, and 10 percent were assigned PT. Schools with fewer than 24 students had all students assigned to SB.

For private schools, the assignment was similar. Up to 136 students were selected per school. For schools with more than 136 students, a systematic equal probability sample of 120 students was selected. For schools with 97 or more students, approximately 13 percent of students were assigned SB

and the remainder RS and PT. Students were allocated between the latter two sessions in a ratio of 9 to 1. If the school had 36 to 47 students, one-third of the students received SB and the remaining two-thirds received RS and PT. Schools with 24 to 35 students had half of the students assigned to SB and the other half to RS and PT. If the school had less than 24 students, all students took SB. In all cases, students were allocated between the RS and PT sessions in a 9 to 1 ratio.

2.5 Students Not Included in the Assessment

School staff members were asked to determine whether any of the students identified as having a disability or with limited English language proficiency could not participate in the assessment. They needed to determine if a student could not participate meaningfully, or if the accommodations required for the student to participate were not available. These students were not invited to the assessment and coded as "excluded" to distinguish them from absent students. Although school staff are encouraged to follow NAEP standards regarding which students should be excluded from testing, the final decision is made by school personnel.

From the schools selected in the HSTS school sample, approximately 3 percent of the students were excluded from the NAEP assessment. As the transcript study attempted to collect high school transcripts for all students selected for the assessment, whether or not they participated, transcripts for these students are included in the transcript study.

3. SAMPLING OF SCHOOLS AND GRADUATES FOR THE NAEP HSTS 2005

3.1 Overview of Sample Design for NAEP HSTS 2005 Sample

The sample for High School Transcript Study (HSTS) was designed to achieve a nationally representative sample of public and private school high school graduates in the Class of 2005. The target population for the 2005 national assessments included all graduates in public and private schools who were enrolled in 12th-grade in 2004-05, and who graduated in 2005. The samples were selected based on a two-stage sample design: selection of schools and selection of graduates within schools.

3.2 Sampling of Schools

For public schools, the HSTS sample was, in fact, the National Assessment of Educational Progress (NAEP) 2005 12th-grade public school sample for the operational math and science assessments.[10] All participating NAEP 2005 12th-grade public schools were part of the initial HSTS sample regardless of whether they were original or substitute NAEP schools. If neither the original nor the substitute school selected participated in NAEP, the original school was included in the initial 12th-grade public school sample.

In NAEP 2005, private schools were heavily oversampled to meet explicit target sample sizes for reporting group (Catholic, Lutheran, Conservative Christian, Other Religious, Nonsectarian, and Independent) in order to provide reliable NAEP estimates for such students. In HSTS 2005, however, the oversampling of private schools was reversed so that the private school students in HSTS were represented in proportion to their prevalence in the general 12th-grade student population. Table 2 presents the subsampling rates and the calculations that generated those rates.

Probabilities of selection were determined for each school before the school sample was selected. The final probabilities of selection for the 2005 NAEP HSTS school sample were the products of the 2005 NAEP probabilities of school selection and the conditional probabilities of selection in the

[10] Note that this excludes schools that were sampled for only pilot or bridge studies. Public schools with less than 24 students in 12th grade had a two-ninths chance of being assigned a bridge-only session, and private schools with less than 24 students in 12th grade had a one-eighth chance of being assigned a bridge-only session.

Table 2. School and student sample sizes for NAEP HSTS 2005 (from the NAEP 2005 12th-grade school sample), by school type: 2005

School type	NAEP 2005 12th-grade national student sample size	Percent of NAEP 2005 12th-grade national sample size	National estimated grade enrollment in 12th-grade	Percent of estimated grade enrollment in 12th-grade	Proportional student sample size (making sample size proportional to population)	Percent subsampled to obtain sample size proportional to population (f)$_c$	NAEP 2005 12th-grade national school sample size	NAEP HSTS 2005 school sample size
Total	24,500	100.0	3,325,100	100.0	21,500		1,300	1,000
Public	19,600	80.0	3,037,700	91.4	19,600	100.0	800	800
Catholic	2,500	10.0	143,200	4.3	900	37.7	100	#
Lutheran	200	1.0	5,600	0.2	#	14.7	#	#
Conservative Christian	700	3.0	36,100	1.1	200	31.7	100	#
Other private	1,500	6.0	102,500	3.1	700	45.0	200	100
Unknown	—	—	—	—	—	45.0	#	#

— Not available

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

HSTS sample. The subsampling process (using the designated subsampling rates) was a systematic sample within each private school stratum listed in Table 2. The ordering for this systematic sample was the frame ordering from the NAEP 2005 private school sampling process. Schools with unknown affiliation were sampled at the same rate as "other" private school types (45 percent).

3.3 Sampling of Students

For those HSTS sample schools that cooperated in the NAEP assessment, all graduates who were assessed in the operational mathematics and science assessments and also graduated in 2005 were included in the HSTS sample of graduates within the school. For HSTS sample schools that did not cooperate in the NAEP assessment but agreed to cooperate in HSTS, a subsample of 50 graduates was typically drawn from their 12th-graders who graduated in 2005.[11] If the list contained 50 or fewer graduates, all graduates were selected.

3.4 School Response Rates

Nonresponse is a serious concern in any probability sample, as differential response rates within important subgroups may generate biases that are difficult to measure and control through adjustment. NAEP HSTS 2005 had generally very high response rates, but there are two particular areas of concern. The first area of concern is private schools, where response was low. The second area of concern is the decision by one large state not to participate in HSTS (though it participated in the NAEP 2005 12th-grade reading and mathematics operational assessment). Tables 3 and 4 present response rates for the main HSTS study and for the NAEP-HSTS linked study respectively. The first set of response rates is for the HSTS study as a whole, counting as respondents those who participated in HSTS, regardless of their participation in NAEP. The second set of response rates is for the NAEP-HSTS link study, counting as respondents those schools that participated in both HSTS and NAEP, and where linkage of the NAEP assessment and the HSTS study transcript information is possible.[12]

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[11] If there were between 50 and 60 graduates, the school had the option of including up to 60 graduates.

[12] See Appendix N for the nonresponse bias analysis done for HSTS 2005.

Table 3. Unweighted and weighted response rates for all eligible NAEP HSTS schools and school enrollments, by HSTS status: 2005

HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	890	100.0	24,731	100.0	3,177,283	100.0
Respondent	730	81.5	19,120	77.3	2,675,008	84.2
Eligible nonrespondent	170	18.5	5,610	22.7	502,274	15.8

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 4. Unweighted and weighted response rates for schools and school enrollments eligible for NAEP HSTS and NAEP, by HSTS status: 2005

HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	890	100.0	24,731	100.0	3,177,283	100.0
Respondent	680	76.0	17,699	71.6	2,525,904	79.5
Eligible nonrespondent	210	24.0	7,032	28.4	651,379	20.5

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

The first set of rates calculated within each table is based on sample counts; the second set of rates is weighted by the school base weight; and the third set of rates is weighted by school base weight multiplied by grade enrollment. The second set of rates shows estimates at the population level with each school counted as a unit. The third set of rates shows estimates at the population level with each school counted by its number of enrolled students. In calculating these rates, around 130 high schools that were ineligible for HSTS 2005 because they did not have any graduating students are excluded.

Tables 5 and 6 present aggregate school counts by school type by HSTS status for the unlinked and linked studies respectively. The unweighted counts are based on the number of eligible schools in the sample. The weighted school counts are weighted by the school base weights (i.e., the

Table 5. Unweighted and weighted response rates for all eligible NAEP HSTS schools and school enrollments, by school type and HSTS status: 2005

School type and HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	890	100.0	24,731	100.0	3,177,283	100.0
Public						
Total	740	100.0	17,968	100.0	2,911,954	100.0
Respondent	640	86.4	15,712	87.4	2,510,485	86.2
Eligible nonrespondent	100	13.6	2,256	12.6	401,469	13.8
Private						
Total	150	100.0	6,763	100.0	265,328	100.0
Respondent	80	56.5	3,408	50.4	164,523	62.0
Eligible nonrespondent	60	43.5	3,355	49.6	100,805	38.0

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 6. Unweighted and weighted response rates for schools and school enrollments eligible for NAEP HSTS and NAEP, by school type and school status: 2005

School type and HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	890	100.0	24,731	100.0	3,177,283	100.0
Public						
Total	740	100.0	17,968	100.0	2,911,954	100.0
Respondent	610	81.9	15,021	83.6	2,382,548	81.8
Eligible nonrespondent	140	18.1	2,948	16.4	529,406	18.2
Private						
Total	150	100.0	6,763	100.0	265,328	100.0
Respondent	70	46.3	2,679	39.6	143,355	54.0
Eligible nonrespondent	80	53.7	4,084	60.4	121,973	46.0

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

inverse of the probability of the school being selected into the sample). The weighted enrollment counts are weighted by the product of the school base weight and the 12th-grade enrollment of the school.

Nonresponse in public schools was concentrated in two census divisions—the Northeast Division and the West Division, with the Northeast suffering much more extensive nonresponse—as can be seen in table 7. It was necessary to determine whether the nonresponse adjustments were sufficient. A nonresponse bias analysis was conducted to review the impact of all nonresponse in the study and to determine whether the nonresponse adjustments were sufficient. The conclusion was that the estimates for the national figures were within acceptable bounds, but that the estimates for the Northeast region were not (see appendix N).

Table 7. Weighted HSTS response and eligibility rates for all sampled public schools, by census division: 2005

Public schools	Weighted enrollment estimate	Weighted eligibility rate	Weighted response rate
Total	3,077,044	94.6	86.2
Census division			
New England	153,577	93.2	100.0
Northeast	387,247	95.6	55.5
East North Central	511,266	94.7	87.6
West North Central	247,194	83.2	93.2
South Atlantic	507,108	97.7	95.6
East South Central	160,609	97.8	95.6
West South Central	369,881	96.7	94.4
Mountain	218,704	97.0	98.4
West	521,460	93.2	77.3

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Response rates for private schools eligible for HSTS were generally much lower than those for public school (62 for eligible private schools vs. around 86 for eligible public schools) as can be seen in tables 7 and 9.

Table 8. Weighted HSTS response and eligibility rates for sampled private schools for NAEP HSTS and NAEP, by school type: 2005

Private school type	Total weighted sample	Weighted percent eligible	Weighted response rate (percent)
Total private	314,297	84.4	54.0
Unknown affiliation	31,235	22.0	#
Roman Catholic	139,530	98.2	64.0
Lutheran	4,876	100.0	100.0
Other private	58,815	78.9	41.9
Other religious private	48,892	86.3	37.0
Conservative Christian	30,949	90.3	56.4

Rounds to zero
NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 9. Weighted HSTS response and eligibility rates for all sampled HSTS private schools, by school type: 2005

Private school type	Total weighted sample	Weighted percent eligible	Weighted response rate (percent)
Total private	314,297	84.4	62.0
Unknown affiliation	31,235	22.0	#
Roman Catholic	139,530	98.2	70.4
Lutheran	4,876	100.0	100.0
Other private	58,815	78.9	51.6
Other religious private	48,892	86.3	45.7
Conservative Christian	30,949	90.3	71.4

Rounds to zero
NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

3.5 Response Rate for Graduates

For the HSTS main study, a graduate was nonresponding only if the selected graduate was eligible for the transcript study and no usable transcript was available for the graduate. For graduates in schools that participated in NAEP, graduates were considered to be selected for HSTS if they had been selected for NAEP even if they did not participate in NAEP. For schools that did not participate in NAEP, graduates were selected systematically when field personnel visited the schools. A student selected for

HSTS was only eligible for the study if he or she graduated in 2005. Tables 10 and 11 present the breakout of the graduate sample according to graduate eligibility, and a breakout of the eligible graduates by whether or not they were in a school that also participated in NAEP.

Table 10. Student samples in HSTS participating schools, by graduation status: 2005

Graduation status	Number of students in sample
Total in sample	29,900
Graduated	27,200
Did not graduate	2,700

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 11. Graduates from HSTS participating schools, by whether the school participated in NAEP: 2005

NAEP school status	Number of students in sample
Eligible students in sample	27,200
In school participating in NAEP	25,200
In school not participating in NAEP	1,900

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 12 presents a breakout of the main study students by eligibility and response status. A student was generally eligible if he or she had graduated, and ineligible if graduation had not been achieved in 2005. A transcript was only usable if at least 75 percent of the credits necessary for graduation were represented on the transcript. A small number of transcripts for eligible students were not usable and were coded out as nonresponse. The overall weighted response rate was 99.7 percent.

Table 13 presents a breakout of HSTS eligibility separately by public and private schools. The percentage of transcripts that were incomplete was about the same in public and private schools, but the ineligibility rate (the percentage who had not graduated) was much higher in public schools.

Table 12. Unweighted and weighted student counts, and student within school response rate, for NAEP HSTS participating schools, by HSTS transcript status: 2005

HSTS transcript status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate
Total	29,900	100.0	2,973,436	100.0	†
Eligible with complete transcript	27,100	90.6	2,723,399	91.6	99.7
Eligible, transcript not complete	100	0.3	9,415	0.3	†
Ineligible	2,700	9.1	240,622	8.1	†

† Not applicable.
NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 13. Unweighted and weighted student counts, and student within-school response rate, for NAEP HSTS participating schools, by school type and HSTS transcript status: 2005

School type and HSTS status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate
Public					
Total public	27,900	100.0	2,748,422	100.0	†
Eligible with complete transcript	25,200	90.1	2,504,649	91.1	99.7
Eligible, transcript not complete	100	0.3	8,568	0.3	†
Ineligible	2,700	9.5	235,205	8.6	†
Private					
Total private	2,000	100.0	225,013	100.0	†
Eligible with complete transcript	1,900	96.7	218,750	97.2	99.6
Eligible, transcript not complete	#	0.4	847	0.4	†
Ineligible	100	2.9	5,417	2.4	†

† Not applicable.
NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

For the NAEP-HSTS link study, a graduate had to also participate in a NAEP assessment for the graduate's transcript to be part of the link study (as information from both the transcript and the NAEP assessment is required). Table 14 presents the numbers of sampled graduates in NAEP link schools who were assigned to a mathematics assessment and who were assigned to a science assessment.

Table 14. Student sample in schools participating in NAEP, by NAEP assessment assignment: 2005

NAEP assignment	Unweighted number of students
Total	27,800
Assigned to mathematics	11,400
Assigned to science	16,400

NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 15 presents the relationship between HSTS transcript status and HSTS/NAEP link transcript/assessment status. Among HSTS graduating students with complete transcripts, they linked to an assessment in 69 percent of the cases. In 3 percent of the cases, the student was deemed not eligible to take the NAEP assessment due to a disability or limited English proficiency. In 28 percent of the cases, the student did not take the NAEP assessment (usually a refusal or absence). Some transcripts that were incomplete, making them nonresponsive for the HSTS main study, correspond to students deemed ineligible to take the NAEP assessment. For the link study, these will be counted as ineligible.

Table 15. Unweighted NAEP HSTS student sample, by transcript status and school status: 2005

Transcript status and school status	Unweighted number of students	Unweighted percent of students
Total	27,800	100.0
HSTS eligible with complete transcript	25,100	90.5
NAEP/HSTS respondent	17,400	69.3
NAEP/HSTS nonrespondent	7,100	28.1
NAEP/HSTS ineligible	700	2.6
HSTS eligible, transcript not complete	100	0.4
NAEP/HSTS respondent	#	#
NAEP/HSTS nonrespondent	100	91.8
NAEP/HSTS ineligible	#	8.2
HSTS ineligible	2,500	9.2
NAEP/HSTS respondent	#	#
NAEP/HSTS nonrespondent	#	#
NAEP/HSTS ineligible	2,500	100.0

Rounds to zero
NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 16 provides a breakdown of the NAEP-linked school student sample by their NAEP transcript status, both unweighted and weighted (with weights defined using the linked student base weights). Table 17 provides the same breakdown by school type.

Table 16. Unweighted and weighted student sample, and student within-school response rate, for schools participating in both NAEP HSTS and NAEP, by transcript status: 2005

Transcript status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate (percent)
Total	27,800	100.0	2,956,139	100.0	†
Assessed and complete transcript	17,400	62.7	1,889,320	63.9	71.2
Incomplete transcript, or no assessment	7,200	25.7	763,828	25.8	†
Ineligible (for NAEP, or nongraduate)	3,200	11.6	302,991	10.2	†

† Not applicable.
NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 17. Unweighted and weighted student sample and student within-school response rate, for schools participating in both NAEP HSTS and NAEP, by school type and transcript status: 2005

School type and transcript status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate (percent)
Public					
Total public	25,800	100.0	2,692,192	100.0	†
Assessed and complete transcript	15,800	61.3	1,674,178	62.2	69.9
Incomplete transcript, or no assessment	6,800	26.5	721,910	26.8	†
Ineligible (for NAEP, or nongraduate)	3,200	12.2	296,105	11.0	†
Private					
Total private	2,000	100.0	263,948	100.0	†
Assessed and complete transcript	1,600	80.7	215,143	81.5	83.7
Incomplete transcript, or no assessment	300	16.2	41,918	15.9	†
Ineligible (for NAEP, or nongraduate)	100	3.1	6,887	2.6	†

† Not applicable.
NOTE: Detail may not sum to totals because of rounding.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Tables 18 and 19 summarize the results for the unlinked and linked studies respectively, presenting the school, student-within-school, and overall student-level response rates.

Table 18. Unlinked study combined response rates, by school type: 2005

	School type		
Unlinked study response rates	Public (percent)	Private (percent)	Total (percent)
Weighted school level	86.2	62.0	84.2
Weighted student within school	99.7	99.6	99.7
Combined response	85.9	61.8	83.9

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 19. Linked study combined response rates, by school type: 2005

	School type		
Linked study response rates	Public (percent)	Private (percent)	Total (percent)
Weighted school level	81.8	54.0	79.5
Weighted student within school	69.9	83.7	71.2
Combined response	57.2	45.2	56.6

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

4. DATA COLLECTION PROCEDURES

This chapter discusses the procedures used in the data collection for the 2005 High School Transcript Study (HSTS 2005). Included are sections on training field workers, contacting the schools, obtaining course catalogs and other school materials, collecting graduate transcripts, sending the data for processing, and receipting and reviewing the data.

4.1 Training NAEP 2005 Field Supervisors as Data Collectors

The field workers for HSTS 2005 were drawn from the pool of 2005 National Assessment of Educational Progress (NAEP 2005) field supervisors. In December 2004, they were trained in the HSTS 2005 data collection procedures. Conducted by HSTS home office staff, the training consisted of several in-person training sessions, each completed in about half a day. In addition, field workers received an HSTS manual that outlined detailed procedures for collecting the data.

The training sessions established the background knowledge needed to help field workers make informed decisions about collecting information in the schools and to explain why attention to detail and accuracy would be crucial in ensuring the quality of HSTS 2005 data. The training also familiarized field workers with the HSTS 2005 materials and forms. The field workers were given examples of various types of high school records and materials, including school- and district-level catalogs, course lists, transcripts, and all the forms used for HSTS 2005. The field workers learned how the data on each of these materials became the information needed at the school and graduate levels. A PowerPoint presentation with the details of data collection was included in the training sessions.

Also during the trainings, the field workers were provided an opportunity to work with practice forms similar to actual materials used for HSTS 2005. The field workers completed sets of exercises designed to provide them with hands-on experience in examining school materials and filling out the forms that they would use.

4.2 Contacts with States, Districts, and Schools

State coordinators in each state were informed about HSTS and were responsible for telling the public school districts in their states about the study. The home office provided them with a Summary of School Activities (see appendix F). The summary provided information about participating in HSTS 2005, including the amount and nature of school staff and time required for participation and procedures that would be used to ensure confidentiality of the data.

Westat field workers contacted school personnel at the school level. Field workers followed the same procedures for contacts with both public and private school personnel. Workers were provided with an informational letter to principals and a Summary of School Activities. They gave these materials to the school principals and school coordinators during their initial contact with the schools.

Initial HSTS information requested by field workers from schools included school specific information that school personnel were asked to provide on the School Information Form (SIF). They were also asked to provide their school's course catalogs for the four most recent school years, including 2004-05, and sample transcripts. This initial information was collected by field workers either through the mail or in person at the time of their first visit. At a later date, the schools were also asked to provide a complete transcript for each graduate in the HSTS 2005 sample. Information provided on the SIF indicated the appropriate date for the HSTS 2005 field workers to obtain these transcripts.

For eligible participating NAEP schools that agreed to cooperate, students sampled for the mathematics and science operational portion of NAEP 2005 were included in the HSTS 2005 sample, and a brightly colored Disclosure Notice was placed in their folder by a NAEP 2005 field worker or school staff member. This notice served two functions:

- It alerted the school personnel that information contained in the student's folder would be used for HSTS 2005.
- Because of its color, it also served as a visible marker for identifying the folders of students in the HSTS 2005 sample to facilitate finding their transcripts at a later date.

Notification describing the student sampling process and the confidentiality safeguards were sent to schools that participated in NAEP (including schools that were substitutes for the original school selected for NAEP) and to schools that were substitutes for schools that participated in NAEP but refused participation in HSTS. Specifically, the notification stated that the intent was to select fifty 12th-grade

students from the school, and student names would be removed from any papers that left the school. Field workers also emphasized that a school's participation in HSTS 2005 would not involve any student time.

For both NAEP 2005 participating and nonparticipating schools (whether original or substitute schools), the initial contact by the field worker included a discussion of the following:

- procedures for obtaining transcripts for the selected students and the method for reimbursing the school for the expense; and
- the availability of a course catalog or course description list.

An appointment was then set to visit the school to prepare the transcript requests and obtain the course catalogs.

4.3 Obtaining Course Catalogs, Sample Transcripts, and Other School-level Information

Prior to HSTS field data collection, Westat contacted schools and requested that they send copies of their catalogs to Westat. This permitted Westat to start catalog coding prior to field data collection.

Field workers requested sample materials for HSTS 2005 when they first contacted a school for HSTS and collected any materials not previously mailed to Westat when they visited the school in the spring or summer. The sample materials included a course catalog (or a list of courses) offered for each of four consecutive years, from school year 2001-02 through school year 2004-05; a completed SIF; and three sample transcripts, one representing a student taking "regular" courses, one with honors courses, and one with special education courses. Since these materials were unique to each school, acquiring them before the collection of the actual transcripts enabled HSTS 2005 staff to examine them and call a field worker or the school to resolve any questions early in the process. Early collection of the catalogs also permitted inputting catalog information prior to receipt of the transcripts, thereby enabling coding to end as soon as possible after data collection.

The field worker also gathered general information about class periods, course credits, graduation requirements, and other aspects of school policy. Sometimes this information was documented in the course catalog and at other times in a separate school policy document.

4.3.1 Catalogs

Course catalogs were carefully reviewed at the school. Field workers verified that the catalogs contained all of the courses that 12th-graders could have taken in high school, including vocational, remedial, honors, special education, off-campus courses, or courses taught in a language other than English. If these course listings were not in the catalog, every effort was made to obtain additional information from school personnel or, in some cases, through web searches to document the existence of such courses and to describe them.

HSTS requested course catalogs containing the most comprehensive information about the courses offered by the schools. Ordered from most to least complete, the requested types of catalogs are as follows:

- a school-level catalog providing course titles and descriptions;
- a district-level catalog, if it indicated which courses were offered at the HSTS participating school;
- a course list by department that included general descriptions of course offerings by department;
- a school-level course list without descriptions; or
- a district-level catalog without any indication of which courses were offered in specific schools.

All catalogs and course lists that were received by field workers were forwarded to HSTS 2005 data processing staff.

4.3.2 Sample Transcripts

Since transcript format varies greatly among school districts throughout the country, three transcripts of previous graduates were obtained from each school by the NAEP field workers during the initial call or visit to the school. The three transcripts requested from each school included one that contained honors-level courses, one that contained special education courses, and one that contained just the "regular" courses. The HSTS field workers marked each transcript to indicate where on the transcript the needed information was found and how information regarding course level was coded. Attached to

each marked-up transcript was a Transcript Format Checklist (appendix H) indicating the key transcript information and whether or not that information was found or, if so, whether it was marked on the school's transcripts.

4.3.3 SIF and HSTS Questionnaire

The SIF was forwarded for data processing along with the other preliminary materials as described above. The SIF was completed by the field worker. Along with general school information, the completed SIF contained the following information:

- sources of information within the school (if needed to complete HSTS 2005 data collection);
- graduation requirements;
- grading practices at the school;
- format of the school's transcripts; and
- name and position of the school's HSTS 2005 coordinator who helped complete the form.

The field workers were instructed to fill out the SIF completely or to indicate clearly on the SIF where the requested information could be found in the other materials provided by the school.

4.3.4 School Background Questionnaire

The School Background Questionnaire (see appendix K) is a NAEP 2005 questionnaire that collected information about school, teacher, and home factors that might relate to student achievement. It was completed by a school official (usually the principal) as part of NAEP 2005 for the NAEP participating schools. Field workers asked HSTS schools that did not participate in NAEP 2005 to complete a School Questionnaire.

4.3.5 SD and LEP Questionnaires

The questionnaires that NAEP 2005 used to collect information from school staff about students with disabilities and students with limited English proficiency are called the SD Questionnaire and LEP Questionnaire, respectively (see appendices L and M). Schools were asked to have the person most knowledgeable about a disabled or limited English proficient student complete the questionnaire(s). In large schools, this person was typically a counselor, a special education teacher, or a teacher of English as a second language. In smaller schools, this person was typically a classroom teacher. For schools participating in NAEP 2005, the SD and LEP Questionnaires were collected as part of the NAEP procedures.

4.4 Identifying the Sample of Students and Obtaining Transcripts

There were about 730 schools that participated in HSTS, and approximately 680 of these schools participated in NAEP 2005 and HSTS. Of these 680 schools, about 40 were substitute schools.

HSTS 2005 used the NAEP 2005 sample for selecting schools and students in NAEP participating schools. For schools that participated in NAEP 2005, the student sample was recorded on the NAEP 2005 Administration Schedules. For schools that did not participate in NAEP 2005, the field worker drew a sample of graduates at the school. Details on how this sample was drawn can be found in section 3.2 and 3.3. The procedures for identifying graduates in schools with NAEP 2005 materials and in schools without NAEP 2005 materials are described in detail in separate sections that follow.

4.4.1 Materials from NAEP 2005 Schools

Transcripts were requested for all students who were sampled for the operational mathematics and science part of NAEP 2005. They included all assessed students, sampled students who were absent during the NAEP assessment, and SD and/or LEP students who were excluded by the school from participating in the assessment.

Once graduation information was posted on transcripts, a field worker returned to the school to obtain the requested transcripts. At that time, the field worker used a Transcript Request Form (TRF)

(see appendix C) to obtain basic information about the sampled students that was not available from NAEP 2005 data files. In addition to student name and NAEP ID, it contained columns for entering graduation status, gender, birth month and year, race/ethnicity, SD status, LEP status, Title 1 participation, and National School Lunch Program participation for each listed student. Data available from NAEP 2005 files (NAEP ID and demographic variables) were preprinted on the form.[13] The completed TRFs contained the following information:

- **Student Name –** The field worker recorded the first name, middle initial, and last name of each assessed, absent, or excluded student listed on the NAEP 2005 Administration Schedule. These entries were made to correspond to the preprinted NAEP ID.

- **NAEP ID –** The 10-digit NAEP 2005 assessment booklet numbers and SD and LEP questionnaire numbers for students excluded from the assessment were preprinted in ID order. This column on the TRF identified all students for whom transcripts were needed.

- **Exit Status –** Sometimes the exit status was determined directly from the transcripts, and sometimes it was determined by other records or provided by school personnel Using this information, field workers assigned one of the following codes to describe each student's outcome at the school:

  - graduated with a standard diploma
  - graduated with an honors diploma
  - received a diploma with special education adjustments
  - received a certificate of attendance
  - still enrolled in this school
  - dropped out
  - transferred
  - withdrawn
  - GED
  - other or reason unknown

[13] To ensure consistency between NAEP 2005 and HSTS 2005, the field staff were instructed not to change the preprinted demographic information.

- **Birthdate, Gender, and Race/Ethnicity –** Demographic information was generally preprinted for each sampled student. If not preprinted, it was recorded from the NAEP 2005 Administration Schedule.

- **SD and LEP Status –** For each student, it was recorded whether or not the student was classified by the school as SD and/or LEP.

- **National School Lunch Program and Title I –** Field workers recorded yes or no for participation in each of these programs.

- **Transcript Received –** Field workers checked this column to document that the transcript for a given student had been received.

Once the TRF was completed by carefully transferring student information from the Administration Schedules, the field worker filled out the summary box at the top of the form and requested transcripts according to the procedures set forth by the school. As already noted, the Disclosure Notice placed in students' folders at the time of the first visit helped to facilitate transcript collection in participating NAEP schools.

Once the field worker filled in the names of the students, some schools were able to access an electronic data file and print the transcripts. In other schools, the school coordinators pulled transcripts from their folders and photocopied them at the school.

When the request for transcripts was filled, the field worker reviewed the transcripts to ensure that a transcript had been received for each 12th-grade student selected for the operational mathematics or science portion of the NAEP 2005 assessment, whether or not that student had graduated. Even though nongraduate transcripts were not included in HSTS, each student graduation status needed to be accounted for and verified, so that weighting could be done correctly. Each transcript was checked for eligibility, understandability (e.g., all the codes on it were defined on the transcript or explained in the SIF), and completeness. The field worker then labeled each transcript with preprinted labels containing the School ID and the NAEP ID for the student. The field worker completed a Documentation of Missing Transcripts form to explain the reasons the school gave for any missing transcripts.

4.4.2 Schools without NAEP 2005 Materials

The procedures for schools that did not participate in NAEP were similar to those for schools that participated with the following exceptions:

- As discussed in chapter 3, field staff were responsible for selecting a systematic sample of graduates, since there were no students designated to receive operational mathematics or science assessments.
- Demographic information on the TRF had to be obtained for the sampled graduates.
- The school was asked to complete the NAEP 2005 school questionnaire and an SD or LEP questionnaire for any of the graduates sampled who were classified as SD or LEP.
- Data collection for non-NAEP schools started later than for the NAEP schools. Therefore, catalogs were frequently collected at the same time as the transcripts. In this case, the field worker annotated three actual transcripts from among those that were collected.

4.5 Sending Data for Processing

As with NAEP 2005, safeguards were built into the procedures for the transcript study to ensure that applicable privacy requirements were met. After transcripts were collected and all information on sampled graduates recorded, field workers prepared the transcripts for transmittal to the data processing staff. They first compared the graduate ID and name on the transcripts to the TRF to verify that they had obtained and correctly labeled the transcripts. At the same time, they noted on the TRF which transcripts were received and which were not. They then cut off the left hand column of the TRF, which contained the names of the graduates. The list of names remained in the schools (and was ultimately destroyed) and the remainder of the TRF was placed in the package to send to the HSTS 2005 field officer for data processing.

A Shipping Transmittal Form (appendix J) accompanied all shipments to the data processing staff and summarized the types and number of materials being sent. This form also gave information on whether the transcripts were from the NAEP 2005 list or a new sample and, if the school did not participate in NAEP 2005, whether course catalogs and a SIF were included in the shipment.

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5. DATA PROCESSING PROCEDURES

As discussed in chapter 4, schools provided a wide variety of data for use in the 2005 High School Transcript Study (HSTS 2005). This chapter explains how these data were processed to produce the study's data files. Figure 1 depicts the data flow for the project.

5.1 NAEP 2005 Questionnaires

The main National Assessment of Educational Progress (NAEP) study provided HSTS staff with data files for schools and students included in NAEP 2005. The School Questionnaires and the Students with Disabilities (SD) and Limited English Proficiency (LEP) Questionnaires[14] collected in HSTS 2005 for non-NAEP schools were the same as the ones used in NAEP 2005. These questionnaires were electronically scanned, using the same procedures used in NAEP. Information from these scanned questionnaires was added to the appropriate NAEP data files to constitute HSTS 2005.

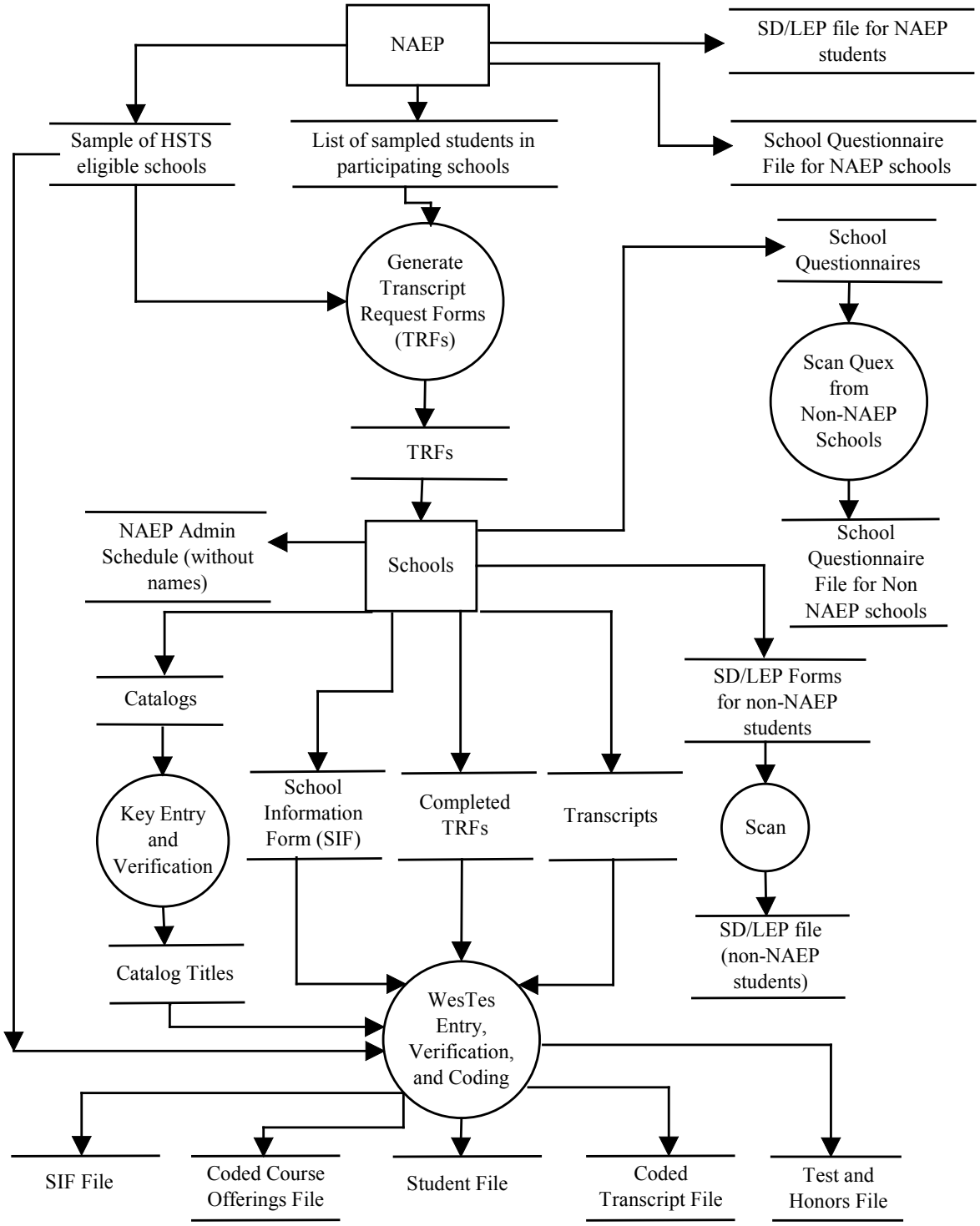
5.2 Data Collected Other Than NAEP 2005 Questionnaires

5.2.1 Westat Transcript Entry System (WesTes)

WesTes is a custom-built Structured Query Language (SQL) server application specifically designed for processing large-scale transcript-based studies in an accurate and efficient manner. It stores most of the school and graduate information collected for the study in a single integrated relational database. It is used to ensure that the data collected by HSTS is properly tracked and to assist the data entry and coding personnel in the prompt and accurate completion of their tasks.

[14] See section 1.3 for a description of these questionnaires and appendices K, L, and M for copies of them.

Figure 1. Data flow for the High School Transcript Study 2005



NOTE: NAEP = National Assessment of Educational Progress; SD = Students with Disabilities; LEP = Limited English Proficiency; Quex = Questionnaires; WesTes= Westat Transcript Entry System
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, High School Transcript Study (HSTS), 2005.

5.2.2 Receipt Control

This section discusses the receipt control tasks associated with HSTS 2005. These include using controls built into WesTes and entering School Information Forms (SIFs), catalogs, other non-transcript data and transcripts.

5.2.2.1 Preparation of WesTes for Receipt Control

The NAEP samples of schools and students selected for the HSTS 2005 sample were loaded into WesTes. When a school refused participation and a substitute school was identified during data collection, the substitute school was added to WesTes and the original school was deleted. The list of schools was used to ensure that data could be entered into the system only for schools sampled for the NAEP HSTS 2005 sample or designated substitute schools. After a valid school ID had been entered by a staff member, the system allowed staff to enter data only for graduates in the sample for that school.

5.2.2.2 SIFs, Course Catalogs, and Other Nontranscript Data

When the packages containing the SIF and catalogs were received at Westat, receipt clerks selected the school ID in WesTes and entered the receipt date for each of these materials. Receipt clerks were also responsible for entering the data from the SIF (see appendix B) into WesTes. These data included substantial amounts of information needed to correctly interpret catalog and transcript entries. Of particular importance is the information on the number of credits given by the school for one Carnegie unit and the number of credits required to graduate. These data were 100 percent verified.

5.2.2.3 Transcripts

When transcript study materials arrived for data processing, a receipt clerk carefully reviewed all items for accuracy and completeness. Transcripts were matched to the Transcript Request Form (TRF). Field workers were contacted immediately if further clarification was needed.

After reviewing the transcript materials, the clerk recorded the transcript materials and followup requests (when required) using the WesTes transcript receipt module. For each school, the clerk compared the number of transcripts requested with the number actually received and reviewed and verified the list of all student IDs assigned to that school. The clerk entered the receipt date for the package and whether or not it contained a TRF. For each student ID in the school, the receipt clerk indicated whether or not it had been received, the receipt date, and the exit status as indicated on the TRF. The receipt staff could update the exit status of students based upon determinations from the coding and transcript management staff if the transcript was found to be not usable or incomplete. Schools were reimbursed for the cost of producing the transcripts within 2 weeks after their materials were received for data processing.

5.2.3 Catalog Coding

This section describes the process of coding catalogs.

Catalog coding staff highlighted the course titles and course numbers, if available, in the catalogs and sent them for key entry. Data entry personnel keyed the catalog titles and, when available, course numbers assigned by the school into ASCII files and key verified the data. The files containing the course titles were then uploaded into WesTes.

After the course titles were loaded into WesTes, a catalog coder reviewed all the materials from a school to obtain an understanding of the school's curriculum and any special circumstances that would clarify the nature of the content of specific courses. Using the WesTes Catalog Coding Screen, the catalog coder displayed each catalog title individually, reviewed the corresponding entry in the school's catalog and then entered the CSSC code that best matched that description.[15]

The catalog coder also set flags to indicate whether the course was a special education course, whether the course was part of a sequence of closely related courses, taught off campus, taught in English, and the level of the course.[16]

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[15] See section 1.4 for additional information about the CSSC.

[16] See appendix O for information on these code values.

When coding a course, catalog coders matched the course description in the high school's catalog to the course description in the CSSC.[17] Using course descriptions rather than titles for purposes of assigning CSSC codes to catalog courses is important because the course title often does not provide sufficient information to differentiate between codes. For example, a course with a name such as Algebra 1 could be a remedial course, a reduced-pace algebra course, a first semester algebra course, or the first year of a series of algebra courses. To facilitate the matching process, the full CSSC was available online to the catalog coders. If a transcript course cannot be found in the course catalog from that school, the course is added to the course offerings file. This typically occurs when course catalogs are not up to date or complete.

5.2.4 Coding Transcripts

Transcripts may contain a variety of information in addition to lists of courses taken and the grades and credits earned for each course. Many include information such as graduation date and class rank, for which only one entry is made per graduate, as well as the names of tests taken by the graduate, test scores, and honors awarded. This section describes the coding process for these additional items as well as for the course information.

5.2.4.1 Single-entry Items

The following single-entry items were recorded for each graduate when they were available on the transcript:

- graduation date;
- class rank;
- size of class;
- grade point average (GPA);
- adjusted GPA (as reported by the school);
- days absent in 9th grade;

[17] See appendix O for information on these code values.

- days absent in 10th grade;
- days absent in 11th grade;
- days absent in 12th grade;
- total credits received;
- total credits attempted;
- whether the graduate received a General Equivalency Diploma (GED); and
- date of GED completion.

5.2.4.2 Honors

If a transcript listed honors, the date (month and year) and a description of the honor were entered. In order to speed data entry, the following common descriptions were included on a drop-down list:

- national honors;
- athletic honors;
- academic honors;
- honor roll; and
- other.

When "other" was selected, the data entry clerk typed in the name of the award. Many of these referred to specific subject matter such as English, algebra, or chemistry and had names like English 9 Award. Others were not subject-matter specific, for example, the Golden State Seal Merit Diploma.

5.2.4.3 Tests

Tests were recorded in much the same way as honors. A pick list was provided containing the names of the most common tests that appear on transcripts.[18] Test scores were recorded when available.

5.2.4.4 Course Entry

Transcript courses required the most extensive portion of the data entry effort. This effort was because the graduates' transcripts, on average, included 46 distinct course entries. For each course, the transcript entry staff recorded the grade level (9th, 10th, 11th, or 12th), the year in which the course was taken, the term (e.g., fall semester, summer school), the course name, the grade, and the number of credits earned. The transcript entry staff also set a flag to indicate whether or not a course was transferred from another school. In addition, since information on whether a course was a special education course, was taught off campus, was taught as English as a second language course or in a foreign language, and the level of the course is recorded on some transcripts, the transcript entry staff set flags representing each type of information. These flags had the same possible values as the corresponding flags used to code courses listed in the schools' catalogs.

5.2.4.5 Assigning CSSC Codes through Title Matching

One of the most challenging aspects of the transcript coding process is linking the course titles on the transcripts to the appropriate catalog course title in order to assign each transcript course an appropriate CSSC code. This was done through a process known as title matching, which was performed by coders who were trained for title matching after the preceding transcript information had been entered for all graduates from a school. To the greatest extent possible, title matchers worked with the same high school catalogs that they coded in the spring. This permitted them to capitalize on their knowledge of state education systems, graduation requirements, and acronyms.

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[18] The test names on the pick list included ACT Composite, English, Mathematics, Reading, and Science; PLAN Composite; PSAT Writing; SAT Math and Verbal; and Stanford Language, Mathematics, Science, Social Science, and Total Reading.

Because course titles on transcripts are frequently different from the course titles a school uses in its catalog, it is usually not practical to fully automate the title matching process. In addition, even when it is possible to automate title matches, a review by knowledgeable staff of the resulting matches is an important quality control check. For these reasons, title matching was performed by experienced catalog coders using computer-assisted matching tools built into WesTes.

WesTes presented the title matcher with a list of all the unique title and flag combinations appearing on a school's transcript and a list of the coded catalog titles for the school. The title matcher's task was to match each of the titles from the transcripts to a catalog course. Title matchers matched nontransfer course titles on transcripts to the high school's catalog. They matched transfer courses directly to the most likely CSSC course description found in the generic catalog. The generic catalog was the most current version of the CSSC file.

They matched transfer courses directly to the most likely CSSC course description. In this case, the CSSC was used like a course catalog.

Title matchers used all of the title and flag information that was comparable in both the catalogs and the transcripts for a school. For example, if the school distinguished between a regular English 9 course and an honors English 9 course in the catalog and on its transcripts, title matchers would ensure that a transcript course named English 9 with the level flag set to the honors code would be matched with the catalog course English 9 Honors (CSSC code 230111) and not with the average or remedial English 9 courses in the catalog. However, if the catalog did not distinguish between the different levels of English 9 but the transcripts did, the catalog coders would match all the English 9 courses on the transcripts to the catalog English 9 course, even though the catalog had the flag set to the default regular level. Often courses in the catalog represent classes in which the student ability is mixed. The flag for the course in the catalog is set at the lowest level, thus a class that offers honors or even AP within a regular class is given a flag for general level. If the transcript indicates that a particular student received credit at a level that differs from the general catalog level, the transcript flag for that student is set at the appropriate level. When these data are analyzed, the level assigned to the student for the course is based upon the transcript if it is different than the level flag found in the course catalog.

5.2.5 Quality Control Procedures

Procedures designed to ensure a high quality data processing operation include the careful hiring and training of HSTS staff, rekeying data for verification purposes, automated tests to identify records for review, and the use of logs to identify and rectify problems. Each of these quality assurance measures is discussed in a separate section below.

5.2.5.1 Hiring and Training

Central to quality control is having thoroughly trained, well-qualified staff. Westat, therefore, spent considerable effort on selecting and training data processing staff. Two distinct groups of staff members were recruited and trained for HSTS 2005: catalog coders and data entry staff. Catalog coders matched the course descriptions in each school's catalog to the corresponding code in the CSSC, and a subgroup of them also matched the course titles on the transcripts to the corresponding titles in the school's catalog. Data entry staff entered the transcript information into the project database.[19]

Transcript Data Entry Staff

Transcript data entry staff members were selected for their ability to enter data accurately and consistently. They were then provided with extensive training that explained the study and taught them how to enter data from high school transcripts.

The transcript entry training spanned 5 days, with new concepts introduced in the morning and practical application exercises performed in the afternoon. The primary function of the training was instructing the staff in the use of WesTes for entering data found on transcripts with an emphasis on hands-on practical experience. The secondary function of the training was covering the basic concepts and challenges the staff would encounter while entering high school transcripts.

[19] In addition to staff described here, other Westat data entry clerks did some straightforward data inputting tasks, such as typing the names of course titles.

Catalog Coders

Requirements for employment as a catalog coder included a minimum of a bachelor's degree in a social science, with a master's degree preferred, and 2 or more years of teaching experience. The interview process paid special attention to experience in teaching a variety of core content areas as well as special education, knowledge of school curricula and procedures, attention to detail, application of analytical skills, and dedication to accuracy.

Training lasted for 5 days. It was guided by a training manual covering the following topics: high school catalog components; state requirements for graduation; special education programs; course levels and flags; transfer courses; honors and advanced placement programs; and vocational, work, and career-related programs.

Training activities involved informative presentations, visual demonstrations, and practical applications. Examples illustrating salient points were drawn from actual materials. Coders learned to use the WesTes coding system, employing its category and subcategory search. Coders also became familiar with the CSSC and the importance of studying a course's full description before assigning a CSSC code. A final exercise was given on the last day of training as a graded evaluation of coding analysis and application to verify that coders were able to meet the accuracy standards for the project.

Title-Matching Staff

Six catalog coders were selected to perform the title-matching task. The training for title matching was similar in both form and procedure to catalog coder training. During a 4-day period, title matchers learned to match the transcript information entered during transcript entry and verification with the CSSC catalog course codes that they had assigned during catalog coding.

5.2.5.2 Rekeying for Verification

All data entry from transcripts was verified by a staff member other than the one who initially entered the data. This required blindly rekeying most of the information on the transcript. However, the names of honors, tests, and courses were displayed during verification, because the verifier

needed to see them to make meaningful entries in the related fields. These fields were only rekeyed when the verifier believed that an error had been made in entering them. Since course titles were keyed in full and were later matched to catalog titles, verifiers paid particular attention to any data entry errors in the titles that might potentially lead to incorrect matches. The system alerted the verifier to any differences between his or her entries and the original entries. The verifier then had the opportunity to confirm or change the most recent entry.

Verification showed that initial data entry was quite accurate. For example, verifiers changed 2 percent of grades and less than 1.5 percent of course credits.

5.2.5.3 Automated Tests to Identify Records for Review

Several automated reports were developed to identify records to be manually reviewed. Some reports were developed to assist coders in identifying records to be re-examined before submitting cases for review. Other reports were designed for supervisors to use to identify courses for their review.

The automated reports highlighted items that appeared to be inconsistent or to have unusually high or low values. For instance, reports were generated of transcripts within a school that had not yet been coded. A more complex type of report was a list of course titles containing the word "honors" without the honors flag having been set in the catalog.

5.2.5.4 Use of Logs to Identify and Rectify Problems

Specific problems encountered during data entry and coding operations were entered on one of two logs: (1) Supervisor's Problem Log, and (2) System's Problem Sheet. Problems identified in the Supervisor's Problem Log were discussed in a meeting of HSTS staff, and the resolutions were indicated on each problem sheet. A System's Problem Sheet was submitted when the problem encountered was with WesTes. A description of the problem and a screen shot (when applicable) were included and the systems specialists corrected these problems.

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6. WEIGHTING AND ESTIMATION OF SAMPLING VARIANCE

6.1 Overview of Weighting in HSTS 2005

This chapter explains how the weights associated with the 2005 High School Transcript Study (HSTS 2005) were calculated. Restricted-file users do not need to understand all the material in this chapter; however, they do need to be aware of which types of weights are appropriate to use with the analyses they wish to do. The appropriate weights to use are discussed in section 7.3.1.

The next sections of this chapter discuss school weights and graduate weights. The final section presents additional information about the replicate weights. This chapter uses the following terminology in discussing the weights:

- **Linked weights:** Weights that should be used for point estimates for a variable that is only available for schools or graduates in schools that can be linked to the National Assessment of Educational Progress (NAEP) (such as NAEP scores or parental education).
- **Unlinked weights:** Weights that should be used for point estimates for a variable available for all responding schools or all graduates in the HSTS sample (such as highest science course completed or grade point average [GPA]).
- **Replicate weights:** Weights used when estimating variances for point estimates.

6.2 School Weights

The final school weights consist of the product of base weights that reflect differences in the probability of schools being selected for HSTS and weights that adjust for differential nonresponse rates for different types of HSTS schools.

This section first discusses the school base weights and then discusses adjustments for nonresponse. Finally, it presents the formulas used for calculating the school weights from the base weights and the nonresponse adjustment factors.

6.2.1 School Base Weights

The school base weights w_s and the 62 corresponding replicate weights $w_s(r)$ were computed, using the following factors:

- a factor equal to the inverse of the school's probability of being sampled for NAEP [W_s and $W_s(r)$];
- a factor equal to the inverse of the school's probability of being subsampled for HSTS (W_c); and
- a factor equal to the inverse of the school's probability of having students selected for participation in either the NAEP mathematics or science assessment ($SCHSES_s$).[20]

The formulas for calculating the HSTS base weights and replicate weights for the schools are as follows:

$$w_s = W_s * W_c * SCHSES_s$$
$$w_s(r) = W_s(r) * W_c * SCHSES_s$$

6.2.2 School Nonresponse Adjustments for HSTS 2005

This section describes the weighting cell adjustment used for adjusting for school nonresponse. The starting point for a cell structure was the strata from the original NAEP school sampling process (for 12th-grade public and 12th-grade private schools). This was also the cell structure used in the development of nonresponse cells for NAEP. When cells based on the strata were too small to allow for stable nonresponse adjustment, cells were collapsed. The final school nonresponse weighting cells for use with the unlinked HSTS responding school sample were designated as $SNRADJ_c^{(U)}$, c=1,…,$C^{(U)}$, where $C^{(U)}$ is the total number of weighting cells, S_c is the set of all eligible original HSTS schools in cell c, $R_c^{(U)}$ is the set of all unlinked responding schools (with responding substitutes replacing original nonrespondents) within S_c; and w_s is the HSTS school full sample base weight.

[20] Schools with fewer than 24 students in the 12th grade did not necessarily participate in either the operational science or mathematics assessments. Two-ninths of the public schools with less than 24 students were assigned to a bridge session only, and one-eighth of the private schools with less than 24 students were assigned to a bridge session only. Thus, schools with fewer than 24 students were weighted by the inverse of the probability of having an operational mathematics or science assessment.

$$SNRADJ_c^{(U)} = \frac{\sum_{s \in S_c} w_s}{\sum_{s \in R_c^{\{U\}}} w_s}$$

In words, this calculation indicates that the adjusted weight equals the total base weight for all schools divided by the total base weight for all responding schools in the cell.

Because many analyses are restricted to schools for which student NAEP scores can be linked to HSTS data, a similar nonresponse adjustment was done for schools in the linked sample. The corresponding cells for the linked NAEP-HSTS responding school sample were $SNRADJ_c^{(L)}$, c=1,…,$C^{(L)}$, where $C^{(L)}$ is the total number of weighting cells and ($R_c^{(L)}$) is the set of all linked responding school (with responding substitutes replacing original nonrespondents). The school nonresponse adjustments were computed as follows for each nonresponse weighting cell:

$$SNRADJ_c^{(L)} = \frac{\sum_{s \in S_c} w_s}{\sum_{s \in R_c^{\{L\}}} w_s}$$

For the unlinked weights, schools were eligible if they had at least one graduate in their class, and if they satisfied the NAEP criteria for eligibility. A school was cooperating if it cooperated with the HSTS survey (whether or not it also participated in NAEP 2005).

For the linked weights, the eligibility criteria were the same as for the unlinked weights. A school was considered cooperating only if it cooperated both with NAEP 2005 and HSTS 2005 and retained the information needed to link the NAEP and HSTS records.

6.2.3 School Base Weights Adjusted for Nonresponse

The unlinked (linked) school nonresponse-adjusted weight $SCHWGT_s^{(U)}$ ($SCHWGT_s^{(L)}$) is equal to

$$SCHWGT_s^{(U)} = w_s * SNRADJ_c^{(U)}$$
$$SCHWGT_s^{(L)} = w_s * SNRADJ_c^{(L)}$$

The replicate school nonresponse adjustments were computed as follows for each nonresponse weighting cell:

$$SNRADJ_c^{(U)}(r) = \frac{\sum_{s \in S_c} w_s(r)}{\sum_{s \in R_c^{\{U\}}} w_s(r)}, \qquad r = 1,\ldots,R$$

$$SNRADJ_c^{(L)}(r) = \frac{\sum_{s \in S_c} w_s(r)}{\sum_{s \in R_c^{\{L\}}} w_s(r)}, \qquad r = 1,\ldots,R$$

The unlinked (linked) school nonresponse-adjusted replicate weights $SCHWGT_s^{(U)}(r)$ ($SCHWGT_s^{(L)}(r)$) are equal to

$$SCHWGT_s^{(U)}(r) = w_s(r) * SNRADJ_c^{(U)}(r)$$
$$SCHWGT_s^{(L)}(r) = w_s(r) * SNRADJ_c^{(L)}(r)$$

Appendix N presents estimates of enrollment, by grade and standard errors, using these weights and replicate weights. As can be seen, the school nonresponse adjustments had the effect of allowing the responding schools to represent the full set of schools. The replicate adjustments were designed to produce variance estimates reflecting the component of variability added by the nonresponse adjustment process.

6.3 Weights for Graduates

The final weights for graduates consist of the product of the base weights, which are equal to the inverse of the probability of the graduate being selected for HSTS; a nonresponse adjustment factor; and a trimming factor used to ensure that individual graduate weights are not excessively large. For graduates, the following types of final weights are calculated:

- weights for all graduates in the HSTS 2005 sample;

- weights for graduates in the HSTS 2005 sample for whom NAEP mathematics scores are available;
- weights for graduates in the HSTS 2005 sample for whom NAEP science scores are available; and
- weights for graduates in the HSTS 2005 sample for whom either NAEP mathematics or science scores are available.

All of these weights are designed to estimate variables for all graduates. Which type of weight should be used depends upon what type of data the user is analyzing. For example, in estimating the GPA of graduates, the first weight would be used. If, however, the user wishes to explore the relationship between NAEP mathematics scores and GPA, the user will use the second type of weight, because these estimates must be based on the subsample of all HSTS graduates who also took the NAEP mathematics assessment. Similarly, if the user wishes to explore the relationship between NAEP science scores and GPA, the user will use the third type of weight, because these estimates must be based on the subsample of all HSTS graduates who also took the NAEP science assessment. Finally, the fourth weight is used when the user wishes to estimate a variable (such as responses to the student questionnaire) available for all graduates who took either the mathematics or the science assessment but not for other HSTS graduates.

6.3.1 Base Weights

The number of weights calculated for a graduate in HSTS 2005 depended upon which of the four possible samples the graduate belonged to (i.e., all graduates, all graduates who took the NAEP mathematics assessment, all graduates who took the science assessment, and all graduates who took either the mathematics or the science assessment). All sample members have a weight (referred to as the unlinked weight) used to estimate statistics for all graduates. Since students could not participate in both a mathematics and a science assessment, those graduates with linked NAEP data will have two weights in addition to the unlinked weight – either the mathematics or science linked weight and the combined linked weight. The summation of the graduate base weights over a particular subgroup is an unbiased[21] estimator of the total number of graduates in that subgroup in the population.

[21] This assumes that the school nonresponse adjustments completely adjusted for bias due to school nonresponse.

6.3.1.1 Base Weights for Graduates in Schools without Linked NAEP Data

The unlinked base weight for graduates ($STUWGT_{sk}^{(U)}$) within the unlinked schools was different from the student weight in the NAEP sample because, as explained in chapter 3, the two samples are not identical. The unlinked weight in this case is a product of the following factors (where *s* indicates school; *k* indicates graduate):

- the school nonresponse adjusted weight $SCHWGT_s^{(U)}$;
- the substitute school weighting factor ($SUBADJ_s$) that adjusts for differences in enrollment between the original school and the substitute school; and
- the within-school sampling interval[22] for graduate selection $WINSCHWT_s$.

To summarize:

$$STUWGT_{sk}^{(U)} = SCHWGT_s^{(U)} * SUBADJ_s * WINSCHWT_s$$

The corresponding replicate weights ($r=1,\ldots,R$) for unlinked schools are as follows:

$$STUWGT_{sk}^{(U)}(r) = SCHWGT_s^{(U)}(r) * SUBADJ_s * WINSCHWT_s$$

6.3.1.2 Base Weights for Graduates within Schools with Linked NAEP Data

The unlinked graduate base weight $STUWGT_{sk}^{(U)}$ within the linked schools is a product of the following factors (*s* indicates school; *k* indicates graduate):

- the school nonresponse adjusted weight $SCHWGT_s^{(U)}$ discussed earlier;
- the substitute school weighting factor ($SUBADJ_s$) that adjusts for differences in enrollment between the original school and the substitute school;
- the within-school sampling interval for student selection ($WINSCHWT_s$);

[22] The sampling interval is the reciprocal of the probability of selection.

- the assessment session assignment weighting factor ($STUSESWT_s$) that adjusts for the probability of a selected student being selected for a session that includes operational mathematics and/or science assessment;

- a factor for year-round schools ($YRRND_FC_s$) that adjusts for students not being available for NAEP testing because they are not enrolled in the school during the semester that NAEP is administered; and

- a factor ($MASC_AF_s$) for selection of the student to a mathematics or science operational booklet (rather than a reading operational booklet, a pilot booklet, or a bridge booklet), given the student was in a session including operational mathematics and/or science assessment. This factor was equal to 75/49.

Similarly, the linked graduate base weight $STUWGT_{sk}^{(L)}$ within the linked schools is a product of the following factors:

- the school nonresponse adjusted weight $SCHWGT_s^{(L)}$ discussed earlier;

- the substitute school weighting factor ($SUBADJ_s$) that adjusts for differences in enrollment between the original school and the substitute school;

- the within-school sampling interval for student selection ($WINSCHWT_s$);

- the assessment session assignment weighting factor ($STUSESWT_s$) that adjusts for the probability of a selected student being selected for a session that includes operational mathematics and/or science assessment;

- a factor for year-round schools ($YRRND_FC_s$) that adjusts for students not being available for NAEP testing because they are not enrolled in the school during the semester that NAEP is administered; and

- a factor ($MASC_AF_s$) for selection of the student to a mathematics or science operational booklet (rather than a reading operational booklet, a pilot booklet, or a bridge booklet), given the student was in a session including operational mathematics and/or science assessment. This factor was equal to 75/49.

To summarize:

$$STUWGT_{sk}^{(U)} = SCHWGT_s^{(U)} * WINSCHWT_s * STUSESWT_s * SUBADJ_s * YRRND_FC_s * MASC_AF_s$$

$$STUWGT_{sk}^{(L)} = SCHWGT_s^{(L)} * WINSCHWT_s * STUSESWT_s * SUBADJ_s * YRRND_FC_s * MASC_AF_s$$

The corresponding replicate weights are as follows ($r=1,\ldots,R$) for linked schools:

$$STUWGT_{sk}^{(U)}(r) = SCHWGT_{s}^{(U)}(\mathrm{r})*WINSCHWT_{s}*STUSESWT_{s}*SUBADJ_{s} \\ *YRRND_FC_{s}*MASC_AF_{s}$$

$$STUWGT_{sk}^{(L)}(r) = SCHWGT_{s}^{(L)}(\mathrm{r})*WINSCHWT_{s}*STUSESWT_{s}*SUBADJ_{s} \\ *YRRND_FC_{s}*MASC_AF_{s}$$

6.3.2 Nonresponse Adjustments

The methods used for nonresponse adjustment for the HSTS 2005 graduates were very similar to those used for the NAEP 2005 12th-grade operational studies, with a few minor differences. Nonresponse adjustments were done separately for the unlinked and the linked samples of graduates. For the linked samples, it was necessary for the graduate to be both a NAEP respondent and a graduate with a transcript to be a linked sample respondent.

6.3.2.1 Preliminary Formation of Weighting Cells for Public School Graduates

For unlinked and linked weights for graduates from public schools, the following nesting cell structure was used to define nonresponse weighting cells, following what was done for NAEP 2005:

- SD/LEP status of graduate crossed with subject (SD and/or LEP math, SD and/or LEP science, no SD/LEP);
- school nonresponse cell;
- age of graduate (classed into “older” graduate and “normal age or younger” graduate);
- sex; and
- race (as given on the school administration form).

6.3.2.2 Preliminary Formation of Weighting Cells for Private School Graduates

For unlinked and linked graduate weights within private schools, the following nesting cell structure was used to define nonresponse weighting cells,[23] again following what was done for NAEP 2005:

- school nonresponse cell;
- age of graduate (classified into "older" graduate and "normal age or younger" graduate);
- sex; and
- race (as given on the school administration form).

6.3.2.3 Collapsing of Weighting Cells

When cells based on the nesting structure, (sections 6.3 and 2.2) were too small[24] to allow for stable nonresponse adjustment, cells were collapsed. The final graduate nonresponse weighting adjustments for unlinked and linked weights respectively are designated as $STNRADJ_d^{(U)}, \quad d = 1,...,D^{(U)}$ and $STNRADJ_d^{(L)}, \quad d = 1,...,D^{(L)}$ where $D^{(U)}$ is the total number of weighting cells designated for the unlinked weights and $(D^{(L)})$ is the total number of weighting cells designated for the linked weights.

6.3.2.4 Calculation of Nonresponse Adjustments

The nonresponse adjustments for graduates were computed as follows for unlinked weights:

$$STNRADJ_d^{(U)} = \frac{\sum_{sk \in S_d^{(U)}} STUWGT_{sk}}{\sum_{sk \in R_d^{(U)}} STUWGT_{sk}} \quad STNRADJ_d^{(L)} = \frac{\sum_{sk \in S_d^{(L)}} STUWGT_{sk}}{\sum_{sk \in R_d^{(L)}} STUWGT_{sk}}$$

[23] Logistic regression analysis was performed to identify the significant predictors, and only the significant predictors were used to form the nonresponse adjustment cells.

[24] Less than 20 sampled students or a replicate with less than 15 students, or an adjustment greater than 2.0, or a replicate adjustment greater than 1.5 times the full sample adjustment.

where $S_d^{(U)}$ ($S_d^{(L)}$) is the set of all eligible sampled graduates in unlinked (linked) weight cell *d*, $R_d^{(U)}$ is the set of all usable transcripts in unlinked weight cell *d*, and $R_d^{(L)}$ is the set of all linked transcript-assessment pairs in linked weight cell *d*. The replicate weighting adjustment $STNRADJ_d^{(U)}(r), \quad d = 1,...,D^{(U)}, \; r = 1,...,R$, $STNRADJ_d^{(L)}(r), \quad d = 1,...,D^{(L)}, \; r = 1,...,R$ are computed in a similar fashion with $STUWGT_{sk}(r)$ replacing $STUWGT_{sk}$ in the formulas above.

6.3.3 Weight Trimming

A similar trimming procedure was used for HSTS 2005 as was used for NAEP 2005. The weights for graduates were trimmed using the multiple median rule trimming procedure. The trimming procedure detects and truncates excessively large weights. Any weight within a given trimming group greater than a specified multiple of the median weight value of the given trimming group had its weight scaled back to that threshold. The same trimming factor calculated for the full sample weight was applied to each replicate weight within the same trimming group.

A multiple 3.5 was attempted as the cutoff factor. If too many weights are trimmed using this cut (e.g., more than 5%), 4.5 is used as the cutoff factor. The trimming group was defined by school type (public, the various types of private schools).

6.3.3.1 Unlinked Weights

For the unlinked weights, the median $MED_c^{(U)}$ of the nonresponse adjusted weights for the responding graduates within each trimming group c was calculated, then the trimming factor[25] was calculated as follows:

$$STRMADJ_{sk}^{(U)} = \begin{cases} \dfrac{4.5 \times MED_c^{(U)}}{STUNRWGT_{sk}^{(U)}}, & \text{if } (STUNRWGT_{sk}^{(U)} > 4.5 * MED_c^{(U)}), \\ 1, & \text{otherwise} \end{cases}$$

[25] For the unlinked weight trimming, the 4.5 median rule was used, and 47 cases were trimmed.

6.3.3.2 Linked Weights

For the linked weights, a factor was attached for whether the graduate had a mathematics NAEP assessment or a science NAEP assessment. This factor is designated as $STUMSO_{sk}$. The probability of being assigned a mathematics assessment given assignment to mathematics or science is 0.4081. Thus $STUMSO_{sk}$ for a mathematics assessment graduate is 2.45. The probability of being assigned a science assessment given assignment to mathematics or science is 0.5919, with a corresponding $STUMSO_{sk}$ of 1.69. Then the subject-specific linked weights are computed as follows:

$$SUBJWGT_{sk}^{(L)} = STUNRWGT_{sk}^{(L)} * STUMSO_{sk}$$

$$SUBJWGT_{sk}^{(L)}(r) = STUNRWGT_{sk}^{(L)}(r) * STUMSO_{sk}, \qquad r = 1,\ldots,R$$

The median $MED_c^{(L)}$ of the subject-adjusted weights for the responding graduates within each trimming group was calculated, and then the trimming factor[26] was calculated as follows:

$$STRMADJ_{sk}^{(L)} = \begin{cases} \dfrac{3.5 \times MED_c^{(L)}}{SUBJWGT_{sk}^{(L)}}, & \text{if } (SUBJWGT_{sk}^{(L)} > 3.5 * MED_c^{(L)}), \\ 1, & \text{otherwise} \end{cases}$$

6.3.4 Calculating Final Weights for Graduates

The final graduate weights are calculated by multiplying the appropriate base weights, nonresponse adjusted weights, and trimming factors together:

$$FINWGT_{sk}^{(U)} = STUWGT_{sk}^{(U)} * STNRADJ_{sk}^{(U)} * STRMADJ_{sk}^{(U)},$$

$$FINWGT_{sk}^{(U)}(r) = STUWGT_{sk}^{(U)}(r) * STNRADJ_{sk}^{(U)}(r) \times STRMADJ_{sk}^{(U)}, \qquad r = 1,\ldots,R$$

[26] For the linked weight trimming, the 3.5*median rule was used, and 9 cases were trimmed.

$$FINWGT_{sk}^{(L)} = STUWGT_{sk}^{(L)} * STNRADJ_{sk}^{(L)} * STRMADJ_{sk}^{(L)} \text{ , and}$$

$$FINWGT_{sk}^{(L)}(r) = STUWGT_{sk}^{(L)}(r) * STNRADJ_{sk}^{(L)}(r) \times STRMADJ_{sk}^{(L)} , \qquad r = 1,\ldots,R$$

6.4 Variance Estimation

Replicate weights have been provided for each set of sample weights to allow users to compute variances for HSTS 2005 estimates. The particular method used for HSTS 2005 was the stratified jackknife assuming two primary sampling units (PSUs) per stratum (Krewski and Rao 1981), the same method used for the main NAEP 2005.

Graduate estimates based on HSTS 2005 are subject to sampling error because they are derived from a sample, rather than from the whole population. The variance is a measure of sampling error and, for the most part, determines the reliability of an estimate. Sampling variance indicates how much a population estimate for a given statistic would be likely to change if it were based on another equivalent sample of individuals drawn in exactly the same manner as the actual sample. Since HSTS 2005 used a complex sample design with several stages of sampling, unequal selection probabilities, and complex weighting procedures, use of standard textbook formulas or standard routines in software packages such as SAS and SPSS generally underestimate the true variance of survey estimates and should not be used.

6.4.1 Jackknife (JK2) Replication Method

The basic idea behind replication is to select subsamples repeatedly from the whole sample, calculate the statistic of interest for each subsample, and then use the variability among the subsample or replicate statistics to estimate the variance of the full sample statistic. Different ways of creating subsamples from the full sample result in different replication methods. The subsamples are called replicates, and the statistics calculated from these replicates are called replicate estimates.

The stratified jackknife replication method used for HSTS 2005, known also as the JK2 replication method, assumes that the population of PSUs, the first stage units, is grouped in L variance strata with two PSUs (or variance units) selected from each stratum. In the case of HSTS 2005, the first

stage units are the schools. In general, a replicate estimate is formed by randomly selecting one variance unit in a variance stratum. The weight of the selected variance unit is doubled, the weight of the nonselected variance unit is multiplied by zero, and the weights for the variance units in the remaining variance strata are not modified. This process is repeated for each variance stratum. If there are L variance strata, then L replicates are created.

The JK2 replication method, as well as any of the other replication methods, is implemented by using replicate weights. Each replicate weight corresponds to a given replicate. The estimated sampling variance of some statistic t is calculated by taking the sum of M squared differences (where M is the number of replicate weights developed):

$$\hat{V}ar(t) = \sum_{i=1}^{M} (t_i - t)^2$$

where t_i denotes the statistic of interest obtained using the ith set of replicate weights and t denotes the statistic obtained using the set of full sample weights.

6.4.2 Calculating Replicate Weights

Replicate weights for a given HSTS 2005 sample were created by generating random samples of the original sample. In all, 62 replicate weights were created on each graduate record in an HSTS 2005 data set. Thirty-six replicates were designed to reflect the variance contribution arising from sampling PSUs (generally known as between-PSU variance). The remaining 26 replicates were designed to reflect the variance contribution arising from sampled schools within the 22 certainty PSUs (generally known as within-PSU variance). This variance replication scheme was the same one traditionally used for the national main NAEP 2005 assessment samples.

The creation of the 36 variance strata for the noncertainty PSUs involved pairing noncertainty PSUs in a manner that models a two PSU per stratum design in which PSUs are drawn with replacement. The HSTS 2005 samples used the main NAEP 2005 pairings, where PSUs were paired based on similar stratum characteristics. The 36 pairs of PSUs were formed by putting together PSUs from adjacent strata within NAEP region and metro status. Adjacent strata had similar socioeconomic characteristics such as proportion minority population, population change since 1980, per capita income,

civilian unemployment rate, educational attainment, and unemployment rate. Each PSU in a pair was randomly assigned to one of two different variance units (1 or 2). Each PSU pairing was referred to as a variance stratum, and each PSU in a variance stratum was referred to as a variance unit.

The procedure for creating the 26 variance strata for the certainty PSUs was analogous but somewhat more complex. The first stage units in certainty PSUs were schools, and so schools were paired to form variance strata under the JK2 model. For the 22 certainty PSUs in each HSTS 2005 sample, schools were listed in order of selection, and successive schools were paired within certainty PSUs. If there were an odd number of schools within a certainty PSU, the last three schools were grouped into a triple. Each school grouping was referred to as an initial variance stratum. Each school in a pair (or triple) was randomly assigned to 1 of 2 (3) different variance units [1, 2, (or 3)]. Since the number of initial variance strata greatly exceeded the desired number of variance strata (26), the initial strata were systematically assigned to 26 "combined" variance strata.[27] To distinguish between the two types of variance components, the 26 variance strata for the certainty PSUs were labeled 1 through 26, and the 36 variance strata for the noncertainty PSUs were labeled 27 through 62.

Replicate base weights (i = 1–62) for a graduate assigned to a variance stratum with two first-stage sampling units were calculated as below. *STU_BWT* was the graduate base weight for a given HSTS 2005 sample, as described in section 6.1, which reflected the various stages of selection.

$$STU_BWT_{rep_i} = \begin{cases} 0 & \text{if student is in variance unit 1 of variance stratum } i \\ 2 \times STU_BWT & \text{if student is in variance unit 2 of variance stratum } i \\ STU_BWT & \text{if the student is not in variance stratum } i \end{cases}$$

When a stratum contained three first-stage sampling units, graduates in the stratum had their weights adjusted for two sets of replicates. Replicate base weights (i = 1–62) for a graduate assigned to variance stratum with three first-stage units were calculated as follows:

$$STU_BWT_{rep_i} = \begin{cases} 0 & \text{if student is in variance unit 1 of variance stratum } i \\ 1.5 \times STU_BWT & \text{if student is in variance unit 2 or 3 of variance stratum } i \\ STU_BWT & \text{if the student is not in variance stratum } i \end{cases}$$

[27] Initial variance strata comprising three schools were assigned two variance strata so that two replicates are created for each of these strata. This is one common approach to handle three PSUs per stratum.

The final replicate weights for a given HSTS 2005 data set were calculated by applying the same weighting adjustment procedures described in section 6.1 to each set of replicate base weights. By applying the weighting procedures on each set of replicate base weights, variance estimates reflected the intended effects of the weighting adjustments.

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7. GUIDE TO THE DATA FILES AND CODEBOOKS

This chapter describes the content and organization of the 2005 High School Transcript Study (HSTS 2005) data files and codebooks. It also details the process for accessing and obtaining the data files.

7.1 Public-use and Restricted-use Data Files

7.1.1 NAEP Transcript Data Explorer

For the first time, the National Assessment of Educational Progress (NAEP) HSTS data are accessible as public-use data through a web-based analysis tool. Researchers will be able to conduct interactive analyses on the NAEP HSTS 2005 data with the High School Transcript (HSTS) version of the NAEP Data Explorer (NDE). An adaptation of NDE, the NDE for the HSTS is a Data Analysis System (DAS) that enables users to access and analyze the graduate transcript data collected for HSTS 2005. Users can construct tables with as many variables as can be supported by the data, although data disclosure rules will place some limitations on the number of crossed variables, as well as the number of categories within the variables.

The NDE for HSTS is being made available to the public in two phases. In the first phase which has been released, researchers can generate tables of average NAEP assessment score tables for a number of independent variables, which include coursetaking and other transcript information, school and graduate demographic information, and the NAEP questionnaire responses. The data is limited to graduates who participated in both the NAEP assessment and HSTS and were eligible for inclusion in the transcript analysis. All analyses in the first phase use the NAEP scores as the default dependent variable. The NAEP-based data available in the NDE for HSTS are categorical or binary variables and can be used for user table requests.

The second phase of the NDE for HSTS will provide researchers with additional flexibility in variable selection for dependent variables, such as earned course credits and grade point average (GPA). Transcript data will be available from all graduates eligible for inclusion in the transcript analysis, regardless of their participation in NAEP. Phase II will also add 1990 and 2000 data to the NDE for

HSTS, so that users can examine trends in HSTS data. The NDE can be accessed at http://nces.ed.gov/nationsreportcard/nde/help/qs/About_NAEP_Data_Explorer.asp. When the second phase of the NDE for HSTS is available, it will be announced on this website.

7.1.2 Restricted-use Data

By Federal law, the schools and graduates that participated in HSTS 2005 are to remain confidential. However, all NAEP microdata files, including the NAEP HSTS 2005 data files, are available to users as restricted-use data files. Restricted-use data files contain variables for schools and graduates that cannot be released to the public, because of confidentiality concerns, but are made available to educational researchers. Though these data contain direct identifiers of schools, educational researchers using the HSTS 2005 data files must agree not to release any information that directly identifies a school or graduate, such as school name or address.

Because of confidentiality legislation, secondary users who wish to obtain a copy of the restricted-use data files must apply for an National Center for Education Statistics (NCES) restricted data license. If an organization does not already have a restricted data license, it is necessary to obtain a copy of the *Restricted-Use Data Procedures Manual*. There is a four-page checklist in this document that details the steps involved in obtaining a license. The manual may be viewed and downloaded from the NCES website at http://nces.ed.gov/statprog/rudman, or a copy may be requested from the following contact individual:

Cynthia Barton (202) 502-7307
cynthia.barton@ed.gov

If an organization already has a restricted data license, the organization may need only to have the license amended to add new datasets and/or authorized data users. Note that, in college or university settings, only faculty can serve as the primary project officer.

To obtain a restricted data license (or to amend an existing license), a secondary user should apply using the electronic registration process available at http://nces.ed.gov/statprog/instruct.asp.

7.2 Content and Organization of the Restricted-use Files

Data from HSTS 2005 were organized into eight data files:

- Course Offerings File
- School File
- Student File
- NAEP Data File
- SD/LEP Questionnaire File
- Tests and Honors File
- Transcript File
- Master CSSC File

Except for the Master CSSC File (which is not related to individual schools or graduates), all files can be linked by unique school identifiers. The Student, NAEP Data, SD/LEP Questionnaire, Transcript, and Tests and Honors files can be linked by unique student identifiers. The Master CSSC File can be linked to either the Course Offerings or the Transcript File by CSSC number.

Each file contains the appropriate weighting variables and replicate weights.[28] To obtain accurate results, users must select the appropriate weights for the type of analyses they are undertaking.

This section will provide an overview of the information available in each of the data files. More detailed information is available in the codebooks in appendices P to W.

7.2.1 Course Offerings File

The Course Offerings File is a complete listing of courses offered in all participating schools. Organized by school, each of the file's approximately 170,000 records contains the following information:

[28] See Chapter 6 for a discussion of the appropriate weights to use.

- school ID;
- course title;
- course CSSC code;
- special education flag;
- the source of the catalog (e.g., generated from transcripts or from a school-provided catalog);
- the catalog type (whether the catalog is a district-level catalog, a school catalog, or a list of courses generated by the school);
- the location of the course (including various off-campus locations);
- the language of instruction;
- the level of the course (e.g., remedial, regular, enriched, honors); and
- whether it was part of an instructional sequence.

It should be noted that schools may not offer all courses that are on a transcript. For example, in a high school that covers grades 10 through 12, the grade 9 courses that graduates took in junior high school were not treated as transfer courses but appeared as if they were offered by the high school. This treatment provides a more balanced picture of the courses available to graduates in four years of high school than would be provided by treating such courses as transfer courses. For the approximately 60 schools from which no catalogs were received, the list of unique course titles appearing on the sampled transcripts was the only available source of course offering entries.

7.2.2 School File

The school file contains one record for each of the participating schools. The file includes school variables gathered on the School Information Form (SIF) during the transcript study, as well as the school's responses to the NAEP School Questionnaire. Copies of the questionnaires are in appendices K, L, and M. Information collected on the SIF that appear on the HSTS 2005 school file include diplomas offered, school programs offered, the typical number of classes per school day, and the typical length of time for school classes.

7.2.3 Student File

The student file contains a record for each of the high school graduates who were identified for HSTS 2005. Each record in the file contains demographic information, sampling information, graduate weights, and replicate weights for variance estimation. It also contains a flag indicating whether or not the graduate was disabled (SDSTATUS) and a variable indicating the specific nature of the disability when applicable (HCTYPE).[29] The file also contains a series of derived variables, including summaries of the graduate's coursetaking record by major educational topic, as taken from the graduate's transcript data. Because a number of transcripts for graduates were not received or were incomplete, only approximately 26,000 graduates have full transcript information on their graduate records.

7.2.4 NAEP Data File

This file contains data from the NAEP 2005 mathematics and science assessments for the HSTS sampled graduates. Because NAEP scores are designed to provide accurate group estimates rather than student-level information, plausible values for graduates are developed. These plausible values variables are "conditioned" on other variables (e.g., parents' education level and NAEP region) in the NAEP datasets. These plausible values provide more unbiased estimates of graduate scores when NAEP data are analyzed in conjunction with the conditioning variables.[30] The NAEP data file includes the plausible values for NAEP proficiency scores for each 2005 high school graduate who participated in a NAEP assessment in a school that was fully linked to HSTS 2005.

In addition to the variables used to estimate plausible values for the main NAEP study, the following transcript study variables included in the student file were used in the conditioning process:

- ACADTRK — Student Program
- CLRANK/CLSIZE — Class Rank divided by Class Size

[29] The values of the disabling condition codes in 2005 are 00 = Multidisabled, 01 = Learning Disabled, 02 = Hearing Impaired, 03 = Visual Impaired, 04 = Speech Impaired, 05 = Mental Retardation, 06 = Emotional Disturbance, 07 = Orthopedic Impaired, 08 = Traumatic Brain Injury, 09 = Autism, 10 = Developmental Delay, 11 = Other Health Impaired, 12 = Other, 88 = Not Reported. These codes have been modified since the codes used in HSTS 1998 file.

[30] The plausible value estimation process for NAEP is explained at http://nces.ed.gov/nationsreportcard/pubs/guide97/ques11.asp and in the NAEP technical report for 1996 (http://nces.ed.gov/nationsreportcard/pdf/main1996/1999452b.pdf. Also, see the forthcoming online NAEP 2005 technical report for a detailed discussion of conditioning.

- EXITSTS — Student Exit Status
- TGPA — Calculated GPA
- GRREQFLG — Graduation Requirements Level Flag
- SDSTATUS — Student Disability Status
- LEP — Student Limited English Proficiency Status
- CENSREG — Census Region
- STUB0100 - STUB1600 — These "stub" variables represent the number of credits graduates received in various subject areas. These are defined in detail in appendix O.
- STUB2001 - STUB2005 — New Basics Curriculum categories. These variables represent variants of academically oriented course taking patterns recommended in the *Nation at Risk* report. They are defined in detail in appendix O.

Because of the inclusion of the transcript study variables, the NAEP scores reported in the HSTS files are slightly different from the scores contained in the records for the same graduates distributed solely as NAEP data. The overall national scores from the two studies are marginally different.

If the need arises to match transcript study records with records obtained from NAEP files obtained from other sources, the user will need to take into account the differences in naming conventions for the school and student IDs noted in table 20.

Table 20. HSTS and NAEP record identifier naming conventions: 2005

HSTS transcript study record identifier		NAEP record identifier (other than those distributed with the transcript files)	
Variable name	Field length	Variable name	Field length
SCHOOLID	7	SCHID	7
STUDENTI	10	BOOK	3
		BKSER	6
		CHKDIG	1

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

The student identifier in the transcript study, STUDENTI, is created by concatenating the NAEP book number (BOOK, which identifies the form of the assessment which was administered), the book serial number (BKSER), and the check digit (CHKDIG).

7.2.5 SD/LEP Questionnaire File

The SD/LEP questionnaire file contains a record for each of the approximately 3,000 HSTS sampled graduates with student disability and/or limited English proficiency questionnaire data. The file contains all data from the completed questionnaires, including the demographic variables asked for on the cover of the questionnaires.

7.2.6 Test and Honors File

The test and honors file contains information on standardized test scores and honors that appears on high school transcripts. Of the transcripts collected, about 9,400 transcripts (approximately one-third) contained either standardized test scores or notations regarding honors and awards that graduates received. Transcripts without this information may belong to graduates who did not take standardized test scores and/or received no honors; however, they may also be for graduates attending schools that did not report some or all of this information on transcripts. Because of the relatively small percentage of transcripts represented and the uncertainty about the source of missing data, the data in this file should be used with caution.

Graduates in the Test and Honors File are identified by the combination of school and graduate ID variables. Each test or honor entry on a transcript is identified with a unique sequence number. The combination of graduate ID and test/honor sequence number allows for a unique ID number for each test or honor within the file. Each entry also contains an indicator of the record type ("T" = test, "H" = honor), the month and year of the test or honor (if available), and a 50-character description of the honor or the test.

For most tests, scores were provided; however, it was not always possible to give meaningful entries for some test scores. The subtests that are reported also varied tremendously. Complete scores are provided for the Preliminary Scholastic Aptitude Test (PSAT) math and verbal subtests, the Scholastic Aptitude Test (SAT) math and verbal subtests, and the American College Test (ACT) composite subtests that appeared on the transcripts. The remaining test information is less complete. The file contains about 46,700 records.

7.2.7 Transcript File

The Transcript File contains a record for each course appearing on the sampled graduates' transcripts. It is an extremely large file, containing over 1.3 million records. Courses are uniquely identified by a course ID number. Each course record includes the following variables:

- student ID number;
- grade level when course was taken;
- school year when course was taken;
- school term when course was taken;
- course title;
- grade received (original and standardized);
- credits received (original and standardized Carnegie units);
- course Classification of Secondary School Courses (CSSC) code;
- whether the course was a special education course;
- whether the course was taught off campus;
- whether the course was taught in a language other than English;
- instruction level of the course; and
- whether the course was a transfer course.

The analyst may wish to use this file to obtain new summary variables for graduates to add to the student file.

7.2.8 Master CSSC File

The Master CSSC File contains all codes in the modified version of the Classification of Secondary School Courses (CSSC) used in this study. The CSSC is described in chapter 1, and additional information on the codes is included in appendix O.

The Master CSSC File is organized by the CSSC code and contains four variables:

- CSSC course code (described in chapter 1);
- special education flag (described in chapter 5);
- standard course title; and
- sequence flag (described in chapter 5).

7.3 Additional Information for Researchers Wishing to Use Restricted-use Files

The HSTS data files contain a wealth of education-based information for researchers to use to understand issues related to coursetaking, access to courses, and achievement. This section addresses some topics that were not addressed in preceding sections such as the use of NAEP scores for individuals.

7.3.1 Selecting the Proper Weights

As discussed in chapter 6, there are multiple weights associated with HSTS 2005. Selecting the appropriate weight to use in analyses involving HSTS 2005 is critical for ensuring accurate results. [31]

Users' wishing to estimate variances as well as point estimates should be aware of the importance of using replicate weights[32] with HSTS 2005. Since HSTS 2005 used a complex sample design with several stages of sampling, unequal selection probabilities,[33] and complex weighting procedures, use of standard textbook formulas or standard routines in software packages such as SAS and SPSS generally underestimate the true variance of survey estimates and should not be used.

[31] Section 6.1 describes the weights to be used for different type of analyses.

[32] See section 6 for additional information on the replicate weights.

[33] See chapters 2 and 3 for more information on the sampling used in HSTS.

7.3.2 Statistical Software for Use with HSTS 2005

Specialized software is required to produce the appropriate statistics from the HSTS 2005 data due to the complex sample design reflected in the jackknife replicate weights and the plausible values of the NAEP scale scores. Standard SAS and SPSS code can produce accurate point estimates but cannot easily produce correct standard errors.

The International Association for the Evaluation of Educational Achievement (IEA) has developed SAS and SPSS macros to work with similar kinds of jackknife replicate weight datasets found in international educational assessments like Third International Mathematics and Science Study (TIMSS) and the Progress in International Reading Literacy Study (PIRLS). These files need to be modified for use with the HSTS 2005 data files. The programs can be downloaded from the international website at the IEA International Study Center at Boston College (http://isc.bc.edu/timss2003i/userguide.html).

Commercial software such as WesVar can also be used for analyzing the HSTS data (http://www.westat.com/wesvar/). Other commercially-available software includes SUDAAN v9 (http://www.rti.org/sudaan/) and STATA v9 (http://www.stata.com/).

7.3.3 Use of NAEP Scores for Individuals

The design of the NAEP studies does not allow reporting on the performance of individual students. Rather it assesses student performance in selected academic areas for specific populations of students or subgroups of these students. The NAEP sample includes students from both public and private schools. To maximize student participation, NAEP policy states that a student should be asked to participate in the assessment, unless their inability to do so can be clearly established. Beginning with the 2000 assessment, NAEP HSTS linked analyses have included graduates who took the assessments with accommodations because they had disabilities or were LEP students.

NAEP Scale Scores

Because of the design of the NAEP assessments, each student typically responds to only a few questions within any content area, and not all students are asked the same questions. Unlike many

traditional assessments, there is no linear transformation between correct/incorrect items and a single score. Using a single student-level score would result in misleading estimates of population characteristics. Instead, NAEP constructs sets of plausible values (in sets of five) designed to represent the distribution of performance in the population for each subject assessed. A plausible value is a representative value from the potential scale scores for all students in the population with similar characteristics and identical patterns of item response. Because HSTS collects additional information about the student characteristics and item responses that can be used in this estimation process, plausible values for NAEP scale scores are recalculated for the HSTS sample for use in analyses relating NAEP scores and HSTS transcript data. As a result, NAEP scale scores associated with the HSTS 2005 data differ slightly from NAEP scale scores associated with NAEP 2005 student data.

Since the statistics describing the performance on the NAEP mathematics and science scales are based on the plausible values, the statistical software used to conduct these analyses must properly compute the statistics for the plausible values.

More information about NAEP 2005, including scale scores, plausible values, and jackknife variance replication can be found in the forthcoming online NAEP 2005 technical report.

7.4 HSTS Analysis Reports

Data collected by HSTS offers researchers a unique glance into graduate coursetaking patterns from one study year to the next. Many of the analyses done to date can be found in the publications located on the HSTS website (http://nces.ed.gov/nationsreportcard/hsts/).

For HSTS 2005, the initial release report, *The Nation's Report Card, America's High School Graduates, Results from the 2005 NAEP High School Transcript Study,* provides analyses on course credits, grades, and NAEP achievement. The analyses look at graduates based on gender, race/ethnicity, parent education, and performance over time. The analyses discussed in the HSTS 2005 initial release report represented high school graduates with complete transcripts. Students whose transcripts did not include course-by-course data for at least 3 full years of high school were excluded. To be consistent with

other published analyses, the following rules were adopted for including and excluding students in the analyses that produced the tables:[34]

1. Both public and private school graduates were included.

2. Students with special education diplomas, certificates of attendance, and certificates of completion were excluded. Certificates of completion indicate that a student completed the necessary school requirements for graduation, but failed to successfully complete a required state graduation exam.

3. Graduates with disabilities who received regular or honors diplomas (i.e., those who were not screened out by rule 2) were included.

4. Graduates with fewer than 16 Carnegie Units were excluded. A Carnegie Unit was a factor used to standardize all credits indicated on transcripts across the study. The Carnegie Unit is defined as the number of credits received for 120 hours of classroom instruction over the course of a year.

5. Graduates with zero English credits were excluded.

Prior to finalizing the data file, transcript records were subject to quality control procedures that listed transcripts that needed to be examined because the transcript records were inconsistent with the student's exit status. In a few cases, it was determined that a student initially recorded as a graduate had not actually graduated, and the student's exit status was revised accordingly. Among students with transfer courses, it was sometimes determined that, although a student had fewer credits than were required to graduate, the transcript had all the other attributes of a graduated senior. These attributes included student exit status, graduation date, GPA, and class standing. Credits from transfer schools may not have been recorded on the transcript, or the transferred credits may have had a different credit assignment than the school of graduation. In these cases, if a careful review of the transcript and the data files showed no data entry or coding errors, and the lack of credits resulted from missing or improperly converted Carnegie credits for the transfer courses, the record was updated. An additional transcript record with undifferentiated credit was added, or the existing transfer credit records were modified to assign the actual number of credits the graduate had taken.

In summary, for a transcript to be included in the analyses in the initial release report, it had to meet three requirements: (1) the graduate graduated with either a standard or honors diploma, (2) the graduate's transcript contained 16 or more Carnegie credits, and (3) the graduate's transcript contained

[34] An exception to this is that the 2005 initial release report contains an analysis of graduates with disabilities that included those graduates receiving special education diplomas and certificates of attendance in addition to those receiving honors or standard diplomas.

more than 0 Carnegie credits in English courses. These additional restrictions reduced the number of 2005 graduates in sample used in the report from approximately 27,100 graduates to 26,500 graduates.

For HSTS 2000, there are two publications containing many comparisons and analyses. The first publication, *The High School Transcript Study: A Decade of Change in Curricula and Achievement, 1990–2000*, is a printed report available from the National Center for Education Statistics via its website (http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2004455) and EDPUBS. This report analyzes the changes in course credits earned and GPAs achieved by high school graduates from HSTS 1990 to HSTS 2000. It also looks at correlation values between the NAEP 2000 mathematics and science assessment scores with various student coursetaking variables. The second publication, *The 2000 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 2000, 1998, 1994, 1990, 1987, and 1982 High School Graduates*, is available on the NCES website, NCES Publication #2007463. It details the number of credits earned by high school graduates in various school subject fields and by various school and graduate characteristics, including gender, race/ethnicity, academic track, type of locale, school type (public/private), and region of the country. It also contains tables covering graduation requirements, grade point averages, and NAEP 2000 mathematics and science assessment scores.

The HSTS 2005 datasets offer new possibilities for data analyses that previous HSTS datasets could not offer. Researchers can analyze relationships between the mean NAEP mathematics and science assessment scores by whether or not graduates took selected mathematics or science courses. Incorporating the HSTS 2005 datasets with the previous HSTS datasets, researchers can track courses by grade level across the transcript studies to determine whether course curricula have changed in the past 2 decades. Linking the HSTS files with the corresponding NAEP student questionnaires provides new educational-related variables for data analysis, including parents' education levels, computer usage at home and school, and time spent on homework.

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Appendix A

Disclosure Notice

APPENDIX A. DISCLOSURE NOTICE

2005 HIGH SCHOOL TRANSCRIPT STUDY

"A copy of this student's transcript____ will be ____ has been provided to WESTAT, agent for the U.S. Department of Education, National Center for Education Statistics (NCES). The granting of Education Department authority for collection of the transcript data has been made pursuant to the provisions of the Family Education Rights and Privacy Act (FERPA) (20 U.S.C. 1232g) as implemented by 34 CFR 99.31(a)(3)(ii) and 99.35, summarized on the back of this notice. This disclosure statement fulfills the requirements of provision 34 CFR 99.32 of FERPA.

The High School Transcript Study (HSTS), sponsored by NCES, is being conducted to collect information on current course offerings and course taking in the nation's secondary schools. This student has been selected to participate in HSTS, and data from these records will be combined with other into statistical summaries and tables. No individually identifiable information will be released in any form."

Appendix B

2005 HSTS School Information Form (SIF)

2005 HSTS
School Information Form (SIF)

According to the Paper work Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is **1850-0789**. The time required to complete this information collection is estimated to average 30 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. **If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to:** U.S. Department of Education, Washington, D.C. 20202-4651. **If you have comments or concerns regarding the status of your individual submission of this form, write directly to:** NAEP/NCES, U.S. Department of Education, 1990 K Street N.W. Washington D.C. 2006-5651.

This report is authorized by law (P.L.107-110, 20 U.S.C. §9010). While your participation is voluntary, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. The information you provide is being collected for research purposes only and will be kept strictly confidential. OMB No. 1850-0790. Approval Expires 02/17/2008.

Instructions to Supervisors on filling out the School Information Form (SIF)

1. The SIF is in two parts. Part 1 is to be filled out over the phone with the HSTS School Coordinator. You will call the School Coordinator and tell him/her about HSTS and go through Part 1 of the form and set up a day to visit the school.

2. Part 1 of the SIF is scripted, but you may deviate from the script to address specific aspects of the study, answer questions in detail, etc.

3. One section of the SIF script is to ask the School Coordinator the name of a person at the school who is very knowledgeable about the content of the course catalog, the transcript layout, and details about classes offered at the school. Often, this person is the registrar. After you get this person's name, you should call him/her to let him/her know that you will be at the school and would like to spend some time with him or her obtaining detailed information on the school's courses. Tell him/her that you will send a questionnaire so that he/she will know what types of questions to expect when you visit. This questionnaire will contain some, but not all of the questions contained in Part 2 of the SIF.

4. You will also be asking the HSTS coordinator to send you a copy of the 2004-2005 catalog before your visit to the school, if a catalog has not already been received at Westat. Assuming that the coordinator sends you the catalog, please review the catalog and fill out as many of the Part 2 SIF questions from the catalog as you can in order to minimize the burden on the school.

5. You will visit the school on the agreed-upon date and you will meet with the School Coordinator to complete information on the SIF (such as where the administration schedule will be kept, whether the School Coordinator works in the summer, etc.) and you will obtain sample transcripts.

6. After meeting with the School Coordinator, you will meet with the registrar or other person knowledgeable about school's courses. You will spend some time filling out the remainder of Part 2 of the SIF.

Part 1 of the 2005 HSTS School Information Form (SIF)

Territory: _____ Region:_____ Area:_____
NAEP School ID:_____ NAEP Supervisor:_____ NAEP AC:_____

Materials collected prior to supervisor's call: _____
_____

School Name:_____ School phone: _____
City, State:_____ Fax: _____
Principal:_____ Email: _____
School Coordinator (SC):_____ Web Site: _____
SC Phone Number:_____ Grade Range of School: _____
Is School Participating in NAEP?_____ Assessment Date: _____

Hello, this is [FIRST NAME, LAST NAME] from the National Assessment of Educational Progress or NAEP. I'm calling to tell you about another aspect of NAEP. It is the High School Transcript Study or HSTS. The HSTS is being conducted to provide educational policy makers with information regarding current course offerings and course-taking patterns in secondary schools. This study will also permit researchers to examine the relationship between course-taking patterns and educational achievements. We would like to designate a School Coordinator for this study, someone who is knowledgeable about the courses offered at your school.

1. Would you be the contact person or the School Coordinator for HSTS?

   Yes [GO TO #2] No

   If "No" Who will be the HSTS contact at the school? And at what phone number can I reach him/her?

   Name:_____ Telephone number:_____

   Thank you so much for your help. [END CALL]

2. I'd like to explain a little bit about the HSTS to you. Do you have about 10 minutes to talk right now?

   Yes [GO TO #3] No

   If "No" When is the best day and time for me to reach you to discuss this study? Again, I just need about 10 minutes.

   Date:_____ Time:_____

   Thank you so much. I will talk to you soon. [END CALL]

3. There are two phases to the High School Transcript Study. During phase 1 in the month of March, I would like to visit your school to collect information about your school, including course catalogs and three sample transcripts. For phase 2, in the summer, I or another HSTS representative will return to the school to obtain transcripts of those students who were selected for the math or science portion of NAEP. Absolutely no student time is involved in the study and confidentiality of the materials we collect will be strictly maintained. You will be reimbursed for all transcripts. **[IF 2004-2005 CATALOG WAS NOT SENT TO WESTAT:** At this time I'd like to collect the current course catalog for your school. Ideally, the catalog should contain all courses offered at the school including honors, vocational, remedial, special education, and off-campus courses. Our preference would be to obtain a school-level catalog with course names and content descriptions, if such a catalog is available.]

[IF CATALOG HAS NOT BEEN SENT TO WESTAT] Are copies of the current year's school-level catalog available?

Yes [GO TO #4] No

If "No" When will they be available? Date: _____

[If no school-level catalog available, ask about obtaining another type of catalog. Please check which type of catalog is available. The order of preference with the most desirable type of catalog listed first is:

___school-level catalogs that provide course names and content descriptions
___district-level catalogs that provide course names and content descriptions for this particular school clearly marked
___course list by department that includes general descriptions of course offerings by department
___course lists without content descriptions
___district-level catalogs without school-level identification

4. **[IF CATALOG HAS NOT BEEN SENT TO WESTAT]** In what format or formats is the most current catalog available – In hardcopy, on a website, or in an electronic file?

In hardcopy [GO TO #4a] On a web site [GO TO #4b] In an electronic file [GO TO #4C]

4a. If I send you a pre-addressed envelope, would you please send me a copy of the current course catalog?

Yes [ASK FOR ADDRESS TO MAIL ENVELOPE TO] Address: _____
_____

4b. What is the web site address that lists the catalog? _____

4c. Would it be possible for you to email me the electronic file of the catalog? My email address is [EMAIL ADDRESS]

5. I would also like to obtain copies of the three prior years' catalogs. Again, the catalogs should contain all courses offered at the school including honors, vocational, remedial, special education, off-campus courses, distance learning courses, and ESL courses. Our preferences, if available would be school-level catalogs with course names and content descriptions. Do you think I will be able to obtain copies of the 2003-2004, 2002-2003, and 2001-2002 catalogs when I visit?

Yes No or I don't know Other (only certain years, etc.):_____

5a. In what format or formats are these catalogs available – in hardcopy, on a web site, or in an electronic file?

[CIRCLE YEARS CATALOG IS IN THIS FORMAT]

In hardcopy:	2003-2004	2002-2003	2001-2002
On a web site:	2003-2004	2002-2003	2001-2002
In an electronic file:	2003-2004	2002-2003	2001-2002

6. As I mentioned earlier, when I visit your school, I would also like to obtain three sample transcripts for students who have already graduated. Before I leave the building I will be removing identifying information from the transcripts. The sample transcripts should reflect one with regular courses, one with honors courses, and one with special education courses. If there are other special programs offered at the school (IB, performing arts, etc.), I'd appreciate seeing transcripts that include these programs [these could be the same three transcripts or different ones]. The transcripts should also include grades for course taken. Will I be able to obtain such transcripts when I visit?

Yes No

(NOTE to supervisor: if you find a school that cannot provide transcripts that meet these criteria (e.g. the school uses a standards-based transcript), please probe to see if the information can be obtained in some other fashion, If not, please notify your field manager as soon after completion of the form as possible, so that a decision about the feasibility of including this school in HSTS can be made.)

Comments: _____
_____
_____
_____
_____

7. In addition to collecting the course catalogs and transcripts, I will need to spend some time with someone at your school who is very knowledgeable about the details contained in the catalogs, the transcripts and related school information. If you are not that person, can you tell me the best person to talk to about this information? I would like to give him or her a call in advance of my visit and send him or her some information so he/she knows what to expect when I visit.

Name:_____ Telephone Number: _____

8. After graduation, we will return to obtain transcripts of the 12th grade students who were selected for NAEP mathematics or science. No student time is involved, confidentiality is strictly maintained, and you will be reimbursed for all of the transcripts copied. During my initial visit, I would also like to insert disclosure notices as markers in these 12th grade student files.

Comments: _____
_____
_____
_____
_____

9. Our normal procedures for the transcript study, as specified by FERPA, is to provide FERPA notices for each sampled student's file, but not to notify parents of their child's inclusion, because no student time is involved and all transcript information is collected anonymously. Is there any reason that we should use different procedures in your school?

Yes No

[PARENT INFORMATION AND CONSENT LETTERS ARE AVAILABLE IF THE SCHOOL INSISTS ON HAVING PARENTS LETTERS]

Comments: _____
_____
_____
_____
_____

10 Would [date in March] date work for you for me to visit your school? Remember that I will need to spend some time with you or [name of Registrar].

Yes [GO TO #10a] No

If NO, what date would work for you in March? _____

10a. What time should I arrive?_____

11. As part of the HSTS this year, we are collecting information about what textbooks are being used in high school mathematics and science courses. I will mail you these forms in advance of my visit and will ask you to fill them out or have someone else, such as the chairpersons for the mathematics and science departments, fill them out and then fax them to the phone number on the form.

12. Thank you so much for speaking with me today. I will be sending you a summary of the High School Transcript Study, the Textbook forms, as well as envelope for you to send me your catalog (if applicable). I will also be calling [REGISTRAR'S NAME] to let him/her know what kind of questions to expect from me when I visit your school. Good bye.

[END CALL]

School _____ State _____ ID#_____
Please return this form to:_____by_____ or fax to: 240-314-2381

Mathematics Textbook Form

Please list the textbooks used for all mathematics courses in your school and explain how the textbooks are used. If you have an existing list of textbooks, you may send it to us. Please add any information below that is not already included on your list.

Course: _____

ISBN: _____
Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____
Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____
Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Mathematics Textbook Form (continued)

Course: _____

ISBN: _____
Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____
Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____

Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

School _____ State _____ ID#_____
Please return this form to:_____by_____ or fax to: 240-314-2381

Science Textbook Form

Please list the textbooks used for all science courses in your school and explain how the textbooks are used. If you have an existing list of textbooks, you may send it to us. Please add any information below that is not already included on your list.

Course: _____
ISBN: _____

Textbook Title _____
Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Science Textbook Form (continued)

Course: _____

ISBN: _____

Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____

Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____

Textbook Title _____

Author(s)/Editor(s) _____

_____

Edition _____Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Part 2 of the 2005 HSTS School Information Form (SIF)

Territory: _____ Region:_____ Area:_____
NAEP School ID:_____ NAEP Supervisor:_____ NAEP AC:_____

Materials collected prior to supervisor's call: _____
_____

School Name:_____ School Phone: _____
City, State:_____ Fax: _____
Principal:_____ Email: _____
School Coordinator (SC):_____ Web Site: _____
SC Phone Number:_____ Grade Range of School: _____
Is School Participating in NAEP?_____ Assessment Date: _____

A. Detailed Information on Course Catalogs

1. Which type(s) of catalogs were obtained? [CIRCLE YEARS CATALOG IS IN THIS FORMAT]

   School-level catalogs that provide course names and content descriptions
   2004-2005 2003-2004 2002-2003 2001-2002

   District-level catalogs that provide course names and content descriptions for this particular school clearly marked
   2004-2005 2003-2004 2002-2003 2001-2002

   Course list by department that includes general descriptions of course offerings by department
   2004-2005 2003-2004 2002-2003 2001-2002

   Course lists without content descriptions
   2004-2005 2003-2004 2002-2003 2001-2002

   District-level catalogs without school-level identification
   2004-2005 2003-2004 2002-2003 2001-2002

2. Does this school include 9th grade?

   Yes (GO TO #2b.) No

2a. If no, where do most students attend 9th grade?

___ A single feeder Junior High/Middle School

___ Several Junior High/Middle Schools in the district

___ Other schools not in this district or affiliated with this school

2b. Do the high school catalogs also contain information about the 9th grade?

Yes (GO TO #4) No

3. How can I obtain copies of catalogs with information about the 9th grade courses given by the feeder school in 2001-2002? (NOTE: If 2001-2002 catalogs are not available, obtain the oldest available catalogs, after 2001-2002. If a school has a large number of feeder schools, it may not be practical to obtain all of the 9th grade catalogs. In this case, please try to obtain the district-level catalogs.

_____
_____
_____
_____

4. Do the catalogs obtained cover all the courses available for the class of 2005 during their years at this school. (Include 9th grade courses if taken a junior/middle school.)

Yes No

(If no, obtain any additional catalogs covering the omitted information)

5. Do the catalogs include the following course offerings?

5a. Vocational courses (circle answer)

Yes No

If yes, how are vocational courses indicated in the catalog(s): _____
_____

5b. Remedial courses (circle answer)

Yes No

If yes, how are remedial courses indicated in the catalog(s): _____
_____

5c. Honors courses (circle answer)

Yes No

If yes, how are honors courses indicated in the catalog(s):_____
_____

5d. Special Education courses (circle answer)

Yes No

If yes, are different levels of special education (e.g. resource and self-contained) courses indicated in the catalog(s) and how are they indicated:_____
_____

5e. Off-campus courses (circle answer)

Yes No

If yes, how are off-campus courses indicated in the catalog(s): _____
_____

5f. ESL or bilingual courses (circle answer)

Yes No

If yes, how are ESL or bilingual courses (courses taught in a language other than English indicated in the catalog(s):_____
_____

5g. Courses Offered through Distance Learning (Circle answer)

Yes No

If yes, how are distance-learning courses indicated in the catalog(s)? _____
_____

6. Complete the course catalog checklist. What is the status of the checklist (circle one)?

Complete Incomplete

7. Have there been substantial changes in your course offerings between 2001-2002 and the 2004-2005 school years?

Yes No

8. Who is the best person to contact if HSTS staff have questions about the course catalogs?

School Coordinator Principal Registrar Other

Name: _____ Title: _____ Phone number:_____

B. Other School Information

NOTE to supervisor: fill out as much of this section as possible by reviewing the 2004-2005 catalog and then ask for clarification on the rest.

1. How many class periods does a student typically have per day, not including lunch?

   # of class periods:_____

2. How many credits does a student earn for a year-long course taken for a single period over the school year [2004-2005]?

   2004-2005 # of credits:_____

   2a. Has this changed during the last four school years (circle one)

   Yes No (GO TO #2)

   2b. If yes, how many credits are earned for a year-long course for the following years?

   2003-2004 # of credits:_____

   2002-2003 # of credits:_____

   2001-2002 # of credits:_____

3. What is the maximum number of class periods a student can take per day at this school?

   Maximum # of class periods:_____

4. What is the minimum number of class periods a student can take per day at this school?

   Minimum # of class periods:_____

5. Is the minimum number of courses required different for seniors?

   Yes No

   If yes, what is the minimum number for seniors? _____

6. How long does a typical class period last?

   # of minutes:_____

7. Are credits for honors/AP classes defined the same as in Question #2?

   Yes No

   If no, describe any differences: _____
   _____

8. Are credits for special education classes defined the same as in Question #2?

Yes No

If no, describe any differences : _____

_____

9. Are credits for ESL classes defined the same as in Question #2?

Yes No

If no, describe any differences : _____

_____

10. What type of diplomas does this school offer? (check all that apply)

___ Standard

___ Honors

___ Certificate of Merit

___ Vocational

___ Special Education

___ Certificate of Attendance

___ International Baccalaureate

___ Regents (NY State only)

___ Other (specify): _____

11. Are graduation requirements for all high school diplomas documented in the course catalogs?

Documented Not Documented (GO TO #13)

12. Specify the relevant catalog page number(s) indicating graduation requirement. (Place a paper clip on the corresponding pages)

Graduation requirements recorded on page(s)_____ (GO TO #14)

Comments: _____

_____

_____

_____

_____

13. What are th e graduatio n requirements (diplom a type) for the following subject are as? (skip th is item if #12 indicates where to locate graduation requirements in the catalog(s)

Diploma type	Standard	Honors	Vocational	Other
*Total credits required for graduation	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)

Write NA on the credit lines if the school does not offer the program.

13a. English/Language Arts	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13b. Mathematics	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13c. Computer Science	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13d. Social Studies/History	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13e. Science	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13f. Foreign Language	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13g. Physical Education/Health	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13h. Other (specify_____)	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)
13i. Other (specify_____)	_____ (credits)	_____ (credits)	_____ (credits)	_____ (credits)

* This number may be larger or smaller than the credits specified for subject areas 13a-13i listed here because of electives and/or overlapping sections.

14. Are there any courses required for graduation that do not receive credits?

Yes No

If yes, please specify: _____

_____

15. Do these graduation requirements cover courses taken in grades 9 through 12?

Yes No

If no, please explain: _____
_____

16. Are there grade point average (GPA) requirements for graduation?

Yes No

If yes, please explain: _____
_____

17. Are there st ate or district compete ncy test s or performance asse ssments that are required fo r graduation?

Yes No

If yes, in what content areas (e.g. Reading, Citizenship, Functional Math): _____
_____

18. Does this school offer any special programs or serve as a Magnet School?

Yes No

18a. What types of special programs are offered? (check all that apply)

___ International Baccalaureate

___ Performing Arts

___ Science/Technology

___ Continuing Education

___ Other (specify) _____

18b. When was this/were these programs established at the school?

Year:_____ Program: _____
Year:_____ Program :_____

19. Does your school use a computerized student information system?

Yes No (GO TO #20)

If Yes:

Products used: _____

Product Name: _____

Publisher or Developer (if developed in your state, district or school, so indicate): _____

Does your system:

19a.	Produce electronic transcripts:	Yes	No
19b.	Track attendance:	Yes	No
19c.	Record standardized test scores:	Yes	No
19d.	Record graduation dates:	Yes	No
19e.	Record diploma types:	Yes	No

20. Who would be the best person to contact if HSTS staff have questions about credits, graduation requirements, special programs, or technology resources?

School Coordinator Principal Registrar Other

Name: _____ Title: _____ Phone number:_____

C. Reviewing the Transcripts – Complete this section after you have received copies of the sample transcripts

1. Sample transcripts obtained include (check all that apply)

___ Regular courses

___ Honors courses

___ Special Education courses

___ Information on other special courses

2. What type of grading system is used (e.g. A, B, C or A+, A, A-, B+, etc.)?

_____A, B, C, etc.

_____A+, A, A-, B+, etc.

_____ Pass/Fail

_____Satisfactory/Unsatisfactory

_____ Other (please specify)_____

_____

3. What do the letter grades or other marks stand for numerically (example, A=90-100, B= 80-90, etc.)?

Letter Grade or Alternate Symbol		Range (or description, if range not possible)
A+		
A		
A-		
B+		
B		
B-		
C+		
C		
C-		
D+		
D		
D-		
F		
Pass		
Fail		
Satisfactory		
Unsatisfactory		

4. Is the grading system the same for all students (including special education, honors, etc.)?

Yes No

If no, please explain: _____
_____

5. Do the course titles or course numbers on the transcript match those in the course catalogs(s)?

Yes No

Comments: _____
_____

6. Are transfer courses identified by the school on the transcripts?

Yes No

If yes, please explain: _____
_____

If no, is there any way that they can be identified: _____
_____

7. Are there abbreviations or symbols on the transcripts that are not self-evident?

Yes No

7a. If yes, ask the respondent to explain the abbreviations or symbols. Record the explanation on the Transcript Format Checklist

Explained abbreviations/symbols Explanation not known

8. Are you available at the school in June, July, or August?

Yes (month available):_____ No

If No, who can we contact over the summer?

Name: _____ Title: _____ Phone number:_____

9. When will the final transcripts for the class of 2005 students be available?

Date:_____

10. When will be a convenient time to return to the school to pick up copies of the transcripts?

Date:_____ Hours:_____

11. I am leaving a copy of the NAEP administration schedule with you today. Where will this copy be kept so I can retrieve it in the summer?_____

Appendix C

Transcript Request Form (TRF)

APPENDIX C. TRANSCRIPT REQUEST FORM

2005 NAEP High School Transcript Study
School ID:
School Name:
Transcripts Requested:
#Transcripts Received:

National School Lunch Program
1=Student Not Eligible 2=Reduced Price Lunch 3=Free Lunch 4=Information Not Available 5=Refused 6=School Not Participating

Exit Status
A = Standard Diploma B=Honors Diploma C=Diploma with special education adjustments D=Certificate of attendance E=Still enrolled in this school F=Dropped out G=Other (such as transferred, GED, unknown)

2005 High School Transcript Study
Transcript Request Form (TRF)

School ID: 123-456-7
School Name: Maple High School

Student Name First, M. Last	NAEP ID	Exit Status	Transcript Received	Complete if Missing						
				Sex	Birth date	Race/ Eth	SD	LEP	Title 1	NSLP
Mary B. Abel	7777777777			F	08/87	White	N	N	N	4
Adam F. Bean	9844555555			M	09/87	Black	N	N	N	4
Susan A Cutter	2222222222			F	05/87	White	N	Y	N	4
Rich S. Danskin	2222222222			M	04/87	White	Y	N	N	4
Stuart L. Fredericks	2222222222			M	12/86	Black	N	N	N	4
Danny M. Guami	2222222222			M	01/87	Hispanic	N	N	N	4
Heather S. Hui	2222222222			F	02/87	Asian	N	Y	N	4

Appendix D

NAEP 2005 Administration Schedule

APPENDIX D. NAEP 2005 ADMINISTRATION SCHEDULE

This form must be completed in No. 2 pencil.

Students with Disabilities (SD)
1 = Yes, this student has been identified as having a disability
2 = No, this student has not been identified as having a disability
9 = Information unavailable
For Use in Column "F" &/or "G"

Limited English Proficient (LEP)
1 = Yes, LEP
2 = No, not LEP
3 = Formerly LEP (monitored for AYP reporting)
9 = Information unavailable
For Use in Column "H" &/or "I"

Race/Ethnicity
1 = White, not Hispanic
2 = Black, not Hispanic
3 = Hispanic
4 = Asian/Pacific Islander
5 = American Indian/Alaska Native
6 = Other
9 = Information unavailable
For Use in Column "J"

National School Lunch Program
1 = Student not eligible
2 = Free lunch
3 = Reduced price lunch
4 = School not participating
5 = School refused
9 = Information unavailable
For Use in Column "K"

Title I
1 = Yes, student receives Title I services
2 = No, student does not receive Title I services
9 = Information unavailable
For Use in Column "L"

Session Number

Bundle #'s

per f

NAEP 2005 Administration Schedule

The Nation's Report Card NAEP

If Makeup Needed
Makeup Held ○ Makeup Not Held ○

Bundle #'s

Session Number

Original Sample _____ + # Selected New Enrollees _____ = _____ **Total in Sample** - # Withdrawn & Ineligible (Admin. Codes 51, 54 & 55) _____ + # Excluded (Admin. Codes 60-66) _____ = _____ **TO BE ASSESSED** - # Absent (Admin. Codes 40-45, 48 & 49) _____ + # Refused (Admin. Codes 46 & 47) _____ = # Assessed (Original Session) _____ + # Assessed (Makeup Session) _____ = _____ **TOTAL ASSESSED**

Column Indicators: "A"

"A" Student Name	"B" Homeroom or Other Locator	"C" Line #/ Subject	"D" Birth Date Month	"D" Birth Date Year	"E" Sex 1=Male 2=Female	"F" SD	"G" Final SD Code	"H" LEP	"I" Final LEP Code	"J" Race/ Eth.	"K" School Lunch	"L" Title I	"M" New Enrollee 1=Yes 2=NO	"N" Original Booklet ID #	"O" Accommodation Booklet ID #	"P" Admin. Code	"Q" Atten. (✓/A)
01		01															1
02		02															2
03		03															3
04		04															4
05		05															5
06		06															6
07		07															7
08		08															8
09		09															9
10		10															10
11		11															11
12		12															12
13		13															13
14		14															14
15		15															15

"R" Admin. Codes

ASSESSED IN ORIGINAL
10 = In session full time
11 = No responses in booklet
12 = In session part time
13 = Session incomplete
14 = Other, specify on cover

ASSESSED IN MAKEUP
20 = In session full time
21 = No responses in booklet
22 = In session part time
23 = Session incomplete
24 = Other, specify on cover

ABSENT
40 = Temporary
41 = Long-term
42 = Chronic truant
43 = Suspended or expelled
44 = In school, did not attend
45 = Disruptive behavior
46 = Parent refusal
47 = Student refusal
48 = Other, specify on cover
49 = Session Refused

OTHER
51 = Withdrawn/Graduated
52 = Unassigned book (unused)
54 = Ineligible, home schooled
55 = Ineligible, other
56 = Not in sample

REASONS FOR EXCLUSION
60 = SD - Cannot be assessed
61 = SD - Required accom. not offered
62 = LEP - Cannot be assessed
63 = LEP - Required accom. not offered
64 = SD & LEP - Cannot be assessed
65 = SD & LEP - Required accom. not offered
66 = Excluded but assessed

ASSESSED WITH ACCOMMODATIONS
70 = Bilingual glossary
71 = Bilingual booklet
72 = Bilingual dictionary (Do not use with reading booklet)
73 = Large-print book
74 = Extended time in regular session
75 = Read aloud in regular session (Do not use with reading booklet)
76 = Small group
77 = One-on-one
78 = Scribe or use of computer
79 = Other, specify on cover
80 = Breaks during test
81 = Magnification device
82 = School staff administers

Column Indicators: "A" Student Name	"B" Homeroom or Other Locator	"C" Line #/ Subject	"D" Birth Date Month	Year	"E" Sex 1=Male 2=Female	"F" SD	"G" Final SD Code	"H" LEP	"I" Final LEP Code	"J" Race/ Eth.	"K" School Lunch	"L" Title I	"M" New Enrollee 1=Yes 2=No	"N" Original Booklet ID #	"O" Accommodation Booklet ID #	"P" Admin. Code		"Q" Atten. (✓/A)	"R" Admin. Codes
16		16																16	
17		17																17	
18		18																18	
19		19																19	
20		20																20	
21		21																21	
22		22																22	
23		23																23	
24		24																24	
25		25																25	
26		26																26	
27		27																27	
28		28																28	
29		29																29	
30		30																30	
31		31																31	
32		32																32	
33		33																33	
34		34																34	

ASSESSED IN ORIGINAL
10 = In session full time
11 = No responses in booklet
12 = In session part time
13 = Session incomplete
14 = Other, specify on cover

ASSESSED IN MAKEUP
20 = In session full time
21 = No responses in booklet
22 = In session part time
23 = Session incomplete
24 = Other, specify on cover

ABSENT
40 = Temporary
41 = Long-term
42 = Chronic truant
43 = Suspended or expelled
44 = In school, did not attend
45 = Disruptive behavior
46 = Parent refusal
47 = Student refusal
48 = Other, specify on cover
49 = Session Refused

OTHER
51 = Withdrawn/Graduated
52 = Unassigned book (unused)
54 = Ineligible, home schooled
55 = Ineligible, other
56 = Not in sample

REASONS FOR EXCLUSION
60 = SD - Cannot be assessed
61 = SD - Required accom. not offered
62 = LEP - Cannot be assessed
63 = LEP - Required accom. not offered
64 = SD & LEP - Cannot be assessed
65 = SD & LEP - Required accom. not offered
66 = Excluded but assessed

ASSESSED WITH ACCOMMODATIONS
70 = Bilingual glossary
71 = Bilingual booklet
72 = Bilingual dictionary (Do not use with reading booklet)
73 = Large-print book
74 = Extended time in regular session
75 = Read aloud in regular session (Do not use with reading booklet)
76 = Small group
77 = One-on-one
78 = Scribe or use of computer
79 = Other, specify on cover
80 = Breaks during test
81 = Magnification device
82 = School staff administers

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This form must be completed in No. 2 pencil.

Appendix E

Documentation of Missing Transcripts

APPENDIX E. DOCUMENTATION OF MISSING TRANSCRIPTS

NAEP School ID: _____

Supervisor: _____

DOCUMENTATION OF MISSING TRANSCRIPTS

School Name: _____ Date: _____

School ID#: _____

Supervisor: _____

Number of Transcripts Requested: _____

Number of Transcripts Received: _____

Please enter the Student IDs for each missing transcript and the reason given for missing:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Appendix F

Summary of School Activities

NAEP2005

2005 High School Transcript Study

Summary of School Activities

What is the NAEP High School Transcript Study?

The NAEP High School Transcript Study (HSTS), sponsored by the National Center for Education Statistics (NCES), is a periodic survey of transcripts of high school graduates. These studies serve as a barometer for changes in high school student coursetaking patterns, which, in combination with school course offerings, provide valuable information about the rigor of high school curricula across the nation. In addition, this study provides an opportunity to examine the relationship between coursetaking patterns and educational achievement through the link to National Assessment of Educational Progress (NAEP) proficiency data.

The 2005 HSTS is the sixth NAEP transcript study. Additional transcript studies were conducted by NCES with longitudinal studies (i.e., High School and Beyond and the National Education Longitudinal Study of 1988). The HSTS school sample includes public and nonpublic schools in the NAEP 2005 sample. As with the previous studies, no student or teacher time is involved.

What is the Schedule for HSTS 2005 Activities?

Phase 1: September 2004 – March 2005, Preliminary Activities

- A NAEP representative will call each sampled school to discuss the details of the HSTS.
- A NAEP representative will go to sampled high schools on the NAEP assessment day and will place a disclosure notice in the sampled students' files to assist with identifying the student population for whom transcripts will be obtained. This notice will include the provisions from the Family Education Rights and Privacy Act (FERPA), which explain the disclosure safeguards that grant NAEP the authority to obtain transcript information.
- Course catalogs and/or course lists will be requested for the current school year (2004-2005) and for the preceding 3 years (2003-2004, 2002-2003, and 2001-2002).
- Three (3) sample transcripts will be requested. One should include honors courses, one special education courses, and one with regular courses.
- The NAEP representative will review all materials and will ask questions necessary to understand the transcripts and course catalogs.

Phase 2: June – October 2005, Collection of Transcripts

- A NAEP representative will return to each sampled school to collect copies of transcripts for the sampled students.

What are the Key Aspects of the 2005 High School Transcript Study?

- NO STUDENT OR TEACHER TIME IS INVOLVED (NAEP staff will work with school personnel to minimize as much of the burden as possible).
- Confidentiality (students' names and all other identifying information will be removed or masked before removing copies of transcripts from the school).
- No cost to schools (NAEP will pay the school's usual charge for providing transcripts).
- Parental notification (not required by NAEP or No Child Left Behind).

Where Can I Find More Information about the High School Transcript Study?

More information about the NAEP high school transcript studies can be found by visiting the NAEP web site at http://nces.ed.gov/nationsreportcard/hsts/.

NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

The Nation's Report Card NAEP

NCES National Center for Education Statistics

NAEP is administered by the National Center for Education Statistics
U.S. Department of Education • Institute of Education Sciences

Appendix G

Letter to NAEP School Coordinator

APPENDIX G. LETTER TO NAEP SCHOOL COORDINATOR

WESTAT
AN EMPLOYEE-OWNED
RESEARCH CORPORATION

1650 Research Boulevard • Rockville, Maryland 20850-3195
tel. 301-251-1500 • fax 301-294-2040 • www.westat.com

March 2005

Dear NAEP School Coordinator:

As described in previous mailings to your school, the 2005 High School Transcript Study is being conducted in conjunction with the 2005 National Assessment of Educational Progress (NAEP). The purpose of this study is to supply data to educational researchers and policy analysts on course-taking patterns and to examine the relationship of these patterns to achievement in secondary schools sampled in the 2005 NAEP. NAEP schools are included in the sample in order that NAEP data and transcript data can be linked. The participation of all selected schools is needed to make the results of the transcript study comprehensive, accurate, and timely.

The activities for Phase 1 of this study will be conducted this winter and spring, and will include collecting course catalogs and sample transcripts from your school. For phase 2 of this study in the summer of 2005, a NAEP representative will return to the school to collect the requested transcripts.

The granting of U.S. Department of Education authority for collection of the transcript data has been made pursuant to the provisions of the Family Education Rights and Privacy Act (FERPA) (20 U.S.C. 1232g), as implemented by 34 CFR 99.31 (a)(3)(ii) and 99.35. These laws and regulations permit an educational agency to disclose records to authorized representatives of the Secretary of Education without the prior consent of the survey participants in connection with the audit and evaluation of Federal and State supported education programs. The privacy of the information schools are asked to supply to NAEP and the High School Transcript Study will be protected as required by FERPA and will be further protected by the removal of names and other identifying information. A copy of the relevant section of FERPA regulations will be provided to you prior to the collection of any transcripts.

I would appreciate your cooperation in this important component of the 2005 NAEP. If you have any questions about the study or its procedures, please contact me at (800) 283-6237.

Sincerely,

Nancy W. Caldwell

Nancy W. Caldwell
Westat Project Director for NAEP

Appendix H

Transcript Format Checklist

APPENDIX H. TRANSCRIPT FORMAT CHECKLIST

NAEP School ID: _____

Supervisor: _____

Transcript Format Checklist

Marked	Not Marked	Not on Transcript	
			1. Student's birthdate
			2. Student's race/ethnicity
			3. Student's gender
			4. Student's IEP/LEP status
			5. Student's graduation date
			6. Years attending this school
			7. Type of diploma awarded
			8. When a course was taken (year and semester)
			9. For a single course:
			a. course name
			b. number of credits
			c. length of course (year, semester, trimester)
			d. level of course (honors, remedial, special edu., regular)
			e. taught in another language (or ESL course)
			f. vocational courses
			g. location, if not taught at this school site
			10. Total number of credits received
			11. "Weighting" of course credits/grades (for honors or remedial levels)
			12. Are abbreviations or codes used on the transcripts? If so, indicate on the back of this form what they are and what they mean for those that are not obvious

Appendix I

Course Catalog Checklist

APPENDIX I. COURSE CATALOG CHECKLIST

NAEP School ID: _____

School Name: _____

Supervisor: _____

COURSE CATALOG CHECKLIST

Record each catalog title and check off all items which are identified in the course description materials you have collected.

School Level Materials

School Year	Catalog Title	Course Title	Course Number	Course Credits	Course Description	Course Level[1]	Special Codes[2]	Special Programs[3]
1996-97								
1997-98								
1998-99								
1999-00								

District Level Materials

School Year	Catalog Title	Course Title	Course Number	Course Credits	Course Description	Course Level[1]	Special Codes[2]	Where Offered[4]
1996-97								
1997-98								
1998-99								
1999-00								

[1] Identified as Regular, Honors, A.P, Remedial, Special Education, ESL?

[2] Does the catalog describe what codes mean?

[3] Are Special Programs (Sp. Ed, IB, Vocational, etc.) included in this catalog?

[4] Does the district catalog identify courses offered at the sampled HSTS school?

Appendix J

Shipping Transmittal Form – Phase 2

APPENDIX J. SHIPPING TRANSMITTAL FORM – PHASE 2

938442

2005 HSTS – Shipping Transmittal Form – Phase 2
(Instructions: Fill out for each school and shipment)

School ID #:_____ School Name:_____
Supervisor:_____ School Shipment for Phase 2
Date Shipped:_____ Source of Sample: ☐ NAEP List
☐ New Sample

1. TRANSCRIPTS
   A. Total number requested_____
   B. Number in this shipment_____
   C. Number unavailable_____
   D. Number to be sent_____ Estimated shipping date:_____

If School did Not Participate in NAEP, Complete the Following:

2. SCHOOL INFORMATION FORM (SIF):
   ☐ In this shipment
   ☐ To be shipped

3. COURSE CATALOG CHECKLIST:
   ☐ In this shipment

4. TRANSCRIPT FORMAT CHECKLIST:
   ☐ In this shipment

5. COURSE CATALOG (check one for each year):

2004-2005 2003-	**2004**	**2002-2003**	**2001-2002**
☐ In this shipment	☐ In this shipment	☐ In this shipment	☐ In this shipment
☐ To be shipped	☐ To be shipped	☐ To be shipped	☐ To be shipped
☐ Unavailable	☐ Unavailable	☐ Unavailable	☐ Unavailable

6. SCHOOL QUESTIONNAIRE:
   ☐ In this shipment
   ☐ To be shipped
   ☐ Unavailable

7. SD AND LEP QUESTIONNAIRES:
   A. Total number requested_____
   B. Number in this shipment_____
   C. Number unavailable_____
   D. Number to be sent_____

Appendix K

School Background Questionnaire

APPENDIX K. SCHOOL BACKGROUND QUESTIONNAIRE

School Background Questionnaire

2005

Grade 12

School Questionnaire – Grade 12

This questionnaire should be completed by the principal or the head of the school.

Some of the questions that follow ask you to fill in specific numbers. For those questions, please print the appropriate numbers in the boxes provided. Please PRINT LEGIBLY. Using one number per box, fill in every box. Keep all printing within the boxes. Do not make any stray marks. Use only a No. 2 pencil.

Example:
150 would be written as

0	0	,	1	5	0

Examples of numerals are:

1	2	3	4	5
6	7	8	9	0

Part I: School Characteristics and Policies

VB337248

1. What grades are taught in your school? Fill in **all** ovals that apply.

- Ⓐ Pre-kindergarten
- Ⓑ Kindergarten
- Ⓒ 1st grade
- Ⓓ 2nd grade
- Ⓔ 3rd grade
- Ⓕ 4th grade
- Ⓖ 5th grade
- Ⓗ 6th grade
- Ⓘ 7th grade
- Ⓙ 8th grade
- Ⓚ 9th grade
- Ⓛ 10th grade
- Ⓜ 11th grade
- Ⓝ 12th grade

VB556165

2. Do all students in your school follow the same school calendar?

- Ⓐ Yes ➔ *Go to Question 3*
- Ⓑ No ➔ *Skip to Question 4*

VB617891

3. Please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005.

☐,☐☐☐ hours of instruction as of February 1, 2005

VB607892

4. For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005.

First group: ☐,☐☐☐ hours of instruction as of February 1, 2005 VB607893

Second group: ☐,☐☐☐ hours of instruction as of February 1, 2005 VB607894

Third group: ☐,☐☐☐ hours of instruction as of February 1, 2005 VB607895

VB387250

5. What is the current enrollment in your school?

☐,☐☐☐

VB387256

6. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?

- Ⓐ 0%
- Ⓑ 1–5%
- Ⓒ 6–10%
- Ⓓ 11–25%
- Ⓔ 26–50%
- Ⓕ 51–75%
- Ⓖ 76–90%
- Ⓗ Over 90%

QK070744

7. What type of school is this? Fill in ovals for **all** that apply.

- Ⓐ Regular secondary school
- Ⓑ A regular school with a magnet program
- Ⓒ A magnet school or a school with a special program emphasis, e.g., science/ math school, performing arts high school, talented/gifted school, foreign language immersion school, etc.
- Ⓓ Special education: a school that primarily serves students with disabilities
- Ⓔ Vocational/technical: a school that primarily serves students being trained for occupations
- Ⓕ Alternative: a school that offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special education, or vocational
- Ⓖ Private (independent)
- Ⓗ Private (religiously affiliated)
- Ⓘ Charter school
- Ⓙ Privately run public school
- Ⓚ Other _____

HE002094

8. Does your school participate in the National School Lunch Program?

- Ⓐ Yes ➔ *Go to Question 9*
- Ⓑ No ➔ *Skip to Question 12*

VB556173

9. How does the school operate the program?

- Ⓐ Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. ➔ *Go to Question 11*
- Ⓑ All students in school receive free lunch under special provisions (e.g., Provision 2 or 3). ➔ *Go to Question 10*

VBa08486

10. If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected?

- Ⓐ This school does not distribute free lunch to all students under Provision 2 or 3—eligibility is determined annually.
- Ⓑ 2004
- Ⓒ 2003
- Ⓓ 2002
- Ⓔ 2001
- Ⓕ 2000
- Ⓖ 1999 or earlier

VBa08487

11. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?

- Ⓐ 0%
- Ⓑ 1–5%
- Ⓒ 6–10%
- Ⓓ 11–25%
- Ⓔ 26–34%
- Ⓕ 35–50%
- Ⓖ 51–75%
- Ⓗ 76–99%
- Ⓘ 100%

VB608488

12. Does your school receive Title I funding? (Title I is a federally funded program which provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)

Ⓐ No

Ⓑ Yes, our school receives funds, which are targeted to eligible students.

Ⓒ Yes, our school receives funds, which are used for schoolwide purposes.

VB485284

13. Approximately what percentage of students in your school receives the following services? Fill in **one** oval on each line. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.

	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%	
a. Targeted Title I services	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB610145
b. Advanced Placement, International Baccalaureate, and honors courses	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB610146
c. Instruction provided in student's home language (non-English)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB485287
d. English-as-a-second-language (not in a bilingual education program)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB485288
e. Special education	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB485289

VB3

14. Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? Fill in **one** oval on each line.

	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%	
a. Two-year colleges	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB3
b. Four-year colleges or universities	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB3
c. Vocational-technical or business schools	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	VB3

Part II: Mathematics

VB543384

1. Beginning with ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in mathematics for graduation this year?

   Ⓐ None

   Ⓑ One-half year

   Ⓒ One year

   Ⓓ Two years

   Ⓔ Three years

   Ⓕ Four years

   Ⓖ More than four years

QK070745

2. Are courses of at least one semester in length taught in your school in each of the following subjects? Fill in **one** oval on each line.

	Yes	No	
a. Pre-calculus, third-year algebra, or elementary functions and analysis	Ⓐ	Ⓑ	VB543396
b. Trigonometry	Ⓐ	Ⓑ	QK070750
c. Advanced Placement Calculus AB	Ⓐ	Ⓑ	VB543387
d. Advanced Placement Calculus BC	Ⓐ	Ⓑ	VB543389
e. Calculus (other than those listed above)	Ⓐ	Ⓑ	VB543386
f. Advanced Placement Statistics	Ⓐ	Ⓑ	VB543390
g. Probability and/or statistics (other than those listed above)	Ⓐ	Ⓑ	VB543397
h. Advanced Placement Computer Science	Ⓐ	Ⓑ	VB543393
i. Computer science (other than those listed above)	Ⓐ	Ⓑ	VB543392

VB543424

3. Does your school offer **online** mathematics **test preparation** courses for students in your school?

Ⓐ Yes

Ⓑ No

VB543425

4. Does your school offer **online** mathematics courses **for credit**?

Ⓐ Yes

Ⓑ No

Part III: Reading and Science

VB482741

1. Beginning in the ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in each of the following subject areas for graduation this year? Fill in **one** oval on each line.

	None	One-half year	One year	Two years	Three years	Four years	More than four years	
a. Reading/English/ language arts	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	VB482843
b. Science	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	VB607897

VB380370

2. During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? Fill in **one** oval on each line.

	Not at all	Small extent	Moderate extent	Large extent	
a. Use of language arts across the curriculum	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB380371
b. Interpreting and analyzing literature	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB380372
c. Understanding the process of reading or writing	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB380373
d. Instructional strategies for teaching language arts	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB380374

Q10070745

3. Are courses of at least one semester in length taught in your school in each of the following subjects? Fill in **one** oval on each line.

	Yes	No	
a. Advanced biology (beyond an introductory course)	Ⓐ	Ⓑ	Q10070746
b. Advanced chemistry (beyond an introductory course)	Ⓐ	Ⓑ	Q10070747
c. Advanced physics (beyond an introductory course)	Ⓐ	Ⓑ	Q10070748

Part IV: U.S. History and Civics

For the purpose of this questionnaire, "civics" means the study of basic concepts about the theory and practice of constitutional democracy in the United States. Also included is the development of intellectual and participatory civic skills, as well as the disposition to assume the rights and responsibilities of individuals in society.

VB38395

1. For students who will graduate this year, what is the total number of years (or Carnegie-unit equivalents) of coursework that your school or district requires in social studies? (Count only requirements for courses taken in grades 9 through 12.)

   Ⓐ None

   Ⓑ One-half year

   Ⓒ One year

   Ⓓ Two years

   Ⓔ Three years

   Ⓕ Four years

   Ⓖ More than four years

VB38396

2. Of the years required for social studies, how many years (or Carnegie-unit equivalents) of coursework does your school or district require in each of the following subjects? Fill in **one** oval on each line.

	None	One-half year	One year	Two years	Three years	Four years	
a. A course primarily focused on U.S. history	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VB38397
b. A course primarily focused on civics or government	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VB07898

VB388399

3. At what grade do students in your school typically take the following courses? Fill in **all** ovals that apply.

	9th grade	10th grade	11th grade	12th grade	This course is not offered in my school	
a. A course primarily focused on U.S. history	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB388400
b. A course primarily focused on civics or government	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VB607899

VB607901

4. How many students in your school are currently enrolled in Advanced Placement courses in each of the following subjects? Fill in **one** oval on each line.

	None	1–5	6–10	11–25	26–50	More than 50	
a. U.S. History	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VB610142
b. U.S. Government and Politics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VB610143

Part V: Economics

For the purposes of this questionnaire, "economics" means the study of the basic problem of limited resources and how people choose to use these resources.

Economics may be taught from an academic perspective, or it may be taught in an applied context, including:

- An individual and household context, including decisions about earning, saving, and personal financial challenges
- A business context, with a focus on entrepreneurs, workers, producers, and investors
- A public context, including government, policy, citizenship, and domestic and international organizations

VBe07187

1. Which of the following **economics-related courses** are offered in your school? Please include courses that were offered this year or last year. Fill in **all** ovals that apply.

	Not offered	Offered as: Partial semester course	Offered as: Full semester course or equivalent	Offered as: Full year course	
a. Economics course (general course **other than** Advanced Placement, International Baccalaureate, or honors economics)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07188
b. Government and economics course (combined course)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07189
c. Consumer economics or personal finance course	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07190
d. Advanced Placement Economics course	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07191
e. International Baccalaureate Economics course	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07192
f. Honors economics course (**other than** Advanced Placement or International Baccalaureate Economics)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07193
g. Business course such as entrepreneurship, marketing, or business principles	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07194
h. Any other economics course (specify) _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07195
i. Any other course that includes an extended (at least 8-week long) unit on economics (specify) _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VBe07196

VBa07197

2. By the time they graduate, what percentage of the students in your school will have taken at least one semester of each of the following courses? Fill in **one** oval on each line.

	None/ course not offered	10% or less	11–25%	26–50%	51–75%	76% or more	
a. Economics course (general course **other than** Advanced Placement, International Baccalaureate, or honors economics)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07198
b. Government and economics course (combined course)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07199
c. Consumer economics or personal finance course	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07200
d. Advanced Placement Economics course	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07201
e. International Baccalaureate Economics course	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07442
f. Honors economics course (**other than** Advanced Placement or International Baccalaureate Economics)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07443
g. Business course such as entrepreneurship, marketing, or business principles	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07444
h. Any other economics course (specify) _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07445
i. Any other course that includes an extended (at least 8-week long) unit on economics (specify) _____	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	VBa07446

VB07447

3. Are general education students and special education students **required** to take at least one semester of any of the following economics-related courses **for graduation**? Fill in **all** ovals that apply.

	Yes, general education students	Yes, special education students	No	
a. Economics course (general course **including** Advanced Placement, International Baccalaureate, or honors economics)	Ⓐ	Ⓑ	Ⓒ	VB07448
b. Government and economics course (combined course)	Ⓐ	Ⓑ	Ⓒ	VB07449
c. Consumer economics or personal finance course	Ⓐ	Ⓑ	Ⓒ	VB07450
d. Business course such as entrepreneurship, marketing, or business principles	Ⓐ	Ⓑ	Ⓒ	VB07451
e. Any other economics course (specify)_____	Ⓐ	Ⓑ	Ⓒ	VB07452
f. Any other course that includes an extended (at least 8-week long) unit on economics (specify)_____	Ⓐ	Ⓑ	Ⓒ	VB07453
g. At least one economics-related course, that students choose from among a variety of courses such as those listed above	Ⓐ	Ⓑ	Ⓒ	VB07454

VBe07455

4. Can students choose to take an economics course (from among a variety of other social studies courses) to fulfill a general social studies graduation requirement?

   Ⓐ Yes

   Ⓑ No

VBe07456

5. Are students in your school required to pass a district or state standardized test **on economics** in order to graduate? Fill in **all** ovals that apply.

   Ⓐ Yes, a district test

   Ⓑ Yes, a state test

   Ⓒ No

VBe07457

6. Are students in your school required to pass a district or state standardized test **that includes questions about economics** as well as questions about other subject areas in order to graduate? Fill in **all** ovals that apply.

   Ⓐ Yes, a district test

   Ⓑ Yes, a state test

   Ⓒ No

VBs07458

7. Are any of the following **co-curricular activities** related to economics available through your school? They could be part of a class or offered as an extracurricular activity. Fill in **one** oval on each line.

	Available	Not available	Don't know	
a. Future Business Leaders of America (FBLA)	Ⓐ	Ⓑ	Ⓒ	VBs07459
b. DECA (an association of marketing students)	Ⓐ	Ⓑ	Ⓒ	VBs07460
c. Junior Achievement	Ⓐ	Ⓑ	Ⓒ	VBs07461
d. Investment club	Ⓐ	Ⓑ	Ⓒ	VBs07462
e. Fed Challenge	Ⓐ	Ⓑ	Ⓒ	VBs07463
f. Economics Challenge	Ⓐ	Ⓑ	Ⓒ	VBs07464
g. The Academic Decathlon	Ⓐ	Ⓑ	Ⓒ	VBs07465
h. Stock market game/simulation	Ⓐ	Ⓑ	Ⓒ	VBs07466
i. Student managed school store	Ⓐ	Ⓑ	Ⓒ	VBs07467
j. Student managed credit union or bank	Ⓐ	Ⓑ	Ⓒ	VBs07468
k. Other (specify) _____	Ⓐ	Ⓑ	Ⓒ	VBs07469

Appendix L

2005 SD Questionnaire

APPENDIX L. 2005 SD QUESTIONNAIRE

The Nation's Report Card NAEP

Admin Schedule Line #_____ from Session #_____

2005 SD Questionnaire

Q-991

To be completed by the staff member most knowledgeable about a student identified as SD.

Use a #2 pencil to complete this questionnaire.

NAEP Subject to be Assessed
(from column C on Admin Schedule)

Please respond to the subject-specific questions based on the subject of the student's booklet.

- (C) Civics
- (E) Economics
- (M) Math
- (R) Reading
- (S) Science
- (H) US History

Student Demographic Information
(from columns D through J on Administration Schedule)

Birth Date		Sex	SD	LEP	R/E
Month	Year	1 = Male 2 = Female	1 = Yes	1 = Yes 2 = No 3 = FLEP	

Student Booklet ID
(from column N on Administration Schedule)

SCHOOL #

DO NOT USE

ADMIN USE ONLY

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is **1850-0750**. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for review instructions, search existing data resources, gather the data needed, and complete and review the information collection. **If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to:** U.S. Department of Education, Washington, D.C. 20202-4651. **If you have comments or concerns regarding the status of your individual submission of this form, write directly to:** NAEP/NCES, U.S. Department of Education, 1990 K Street N.W., Washington, D.C. 20006-5651

A project of the Institute of Education Sciences.
This report is authorized by law (P.L. 107-110, 20 U.S.C. §9010). While your participation is voluntary, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. All responses that relate to or describe identifiable characteristics of teachers or schools may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose, unless otherwise compelled by law.
OMB No. 1850-0750 • Approval Expires 04/30/2007
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UNITED STATES DEPARTMENT OF EDUCATION

Dear Principal or Administrator:

Thank you for allowing your school to participate in the 2004 National Assessment of Educational Progress (NAEP). These assessments are vital to measuring the academic skills and progress of the students in our nation and in each state.

As you know, the Individuals with Disabilities Education Act (IDEA) requires that all students with disabilities participate in state and district wide assessment programs through regular assessments, including with appropriate accommodations when necessary, or alternate assessments. The No Child Left Behind Act (NCLB) likewise requires the participation of students with disabilities in the student academic assessments required under that Act, and also requires that limited-English-proficient students, as well as other groups of students, participate in those state assessments. NCLB allows for reasonable accommodations on assessments administered to limited-English-proficient students. Although federal law does not explicitly specify similar requirements regarding the participation of students with disabilities and limited English-proficient students in NAEP, the NAEP program has been working very hard to make its sample of students taking the assessments as representative as possible of all students. We are asking you to ensure that the greatest possible number of students with disabilities and limited-English-proficient students in your school, who are selected to participate, do in fact take the assessments.

Please keep in mind that NAEP does not produce results for individual students or schools, as your state or district tests might. All results are summarized only at the national and state levels (and for a few large urban districts). In other words, the NAEP assessments do not impose consequences for the student or the school, and are instead intended purely to provide a picture of educational performance and progress.

We want to include as many students as possible in the picture NAEP provides for us. For this reason, we ask you to do all you can to help ensure the participation of students who are selected for NAEP whenever possible, including students with disabilities and limited-English-proficient students. Students taking the NAEP are able to use most of the testing accommodations they usually receive in other tests (e.g., extended time, small group testing). Most students with disabilities and limited-English-proficient students are indeed able to participate in NAEP with their fellow students.

NAEP is one of the most visible and important indicators of educational performance in this country, and we very much appreciate your support in making NAEP as inclusive as possible.

Maria Hernandez Ferrier, Ed. D
Deputy Under Secretary
Office of English Language Acquisition

Troy R. Justesen, Ed. D.
Delegated the authority
to perform the functions of
Assistant Secretary for Special
Education and Rehabilitative Services

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BRMS-SD

Page 2

08/23/04 GJ

NAEP Questionnaire Regarding Students with a Disability (SD)

Some students in your school have been selected, as part of a representative sample of students across the country, to take part in the National Assessment of Educational Progress (NAEP). The current NAEP assessment focuses on students' performance in civics, economics, mathematics, reading, science, and U.S. history. As part of the assessment, NAEP collects background information about students, their teachers, and their school that may be related to students' academic performance.

In order to obtain a complete picture of educational progress for all students, it is important to collect supplemental information on students in the sample who have been identified as having a physical or mental disability—whether they will be assessed or not. Students with disabilities include those who have an individual education plan (IEP), Section 504 plan, or equivalent documentation for reasons other than gifted or talented. We are asking you to complete this questionnaire about one of those students.

NAEP is authorized under Public Law 107–110. While your participation is voluntary, your responses to these questions are needed to make this survey accurate and complete. All responses that relate to or describe identifiable characteristics of teachers or schools may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purposes, unless otherwise compelled by law.

Thank you very much for your help.

INSTRUCTIONS FOR FILLING OUT QUESTIONNAIRE

Please complete this questionnaire for the student named on the front cover. If the student named on the front cover does not meet the definition for a student with a disability, or if you do not know about the student's disability, instruction, and assessment, please return this questionnaire to the NAEP school coordinator.

Please answer questions directly on this questionnaire with a number 2 pencil by filling in the appropriate ovals and, if necessary, by writing your responses in the spaces provided. When you are finished, please return the questionnaire to your school's NAEP coordinator.

VC037154

What is your relationship to the student named on the front cover?

- (A) Classroom (General Education) Teacher
- (B) Special Education Teacher
- (C) Related Service Provider (e.g., Speech Language Pathologist, Occupational Therapist, Physical Therapist)
- (D) Guidance/School Counselor
- (E) Principal/Assistant Principal
- (F) Other (specify) _____

YC013.5061

1. Why is this student classified as SD?

   - (A) The student has a disability and has an individualized education plan.
   - (B) The student has a Section 504 plan.
   - (C) The student has a disability, but the student's IEP or 504 plan is in process, and/or the student's status is unclear.

YB.8841.7

2. Which of the following describes this student's identified disability(ies)? (Fill in all ovals that apply.)

   - (A) Specific learning disability
   - (B) Hearing impairment/deafness
   - (C) Visual impairment/blindness
   - (D) Speech or language impairment
   - (E) Mental retardation
   - (F) Emotional handicap/disturbance
   - (G) Orthopedic impairment
   - (H) Traumatic brain injury
   - (I) Autism
   - (J) Developmental delay (age 9 or younger)
   - (K) Other health impairments
   - (L) Other (specify)

     _____

YB.8841.8

3. In your judgment, what is the degree of this student's disability(ies)?

   - (A) Profound/Severe
   - (B) Moderate
   - (C) Mild

YC013.5067

4. At a minimum, do this student's long-term mathematics objectives include the ability to perform basic mathematics calculations without the use of a calculator?

   - (A) Yes
   - (B) No
   - (C) I don't know.

YC013.5068

5. At a minimum, do this student's long-term reading objectives include the ability to decode simple printed material?

   - (A) Yes
   - (B) No
   - (C) I don't know.

VC035069

6. What proportion of his or her academic class time (in subjects such as mathematics, reading/language arts, science, and social studies) does this student spend in the mainstream/general education classroom(s)?

- (A) None
- (B) Half or less
- (C) More than half, but not all
- (D) All
- (E) I don't know.

VC035071

7. In which area(s) is this student currently receiving special education services? (Fill in all ovals that apply.)

- (A) This student does not currently receive special education services.
- (B) Language development
- (C) Reading
- (D) Mathematics
- (E) Science
- (F) Social Studies
- (G) Speech (e.g., articulation, voice, speech flow)
- (H) Self-control and/or deportment
- (I) Personal care and/or basic life skills
- (J) Vocational education
- (K) Other (specify)

  _____

- (L) I don't know.

VC043013

8. Refer to the front cover to determine the subject in which this student is being assessed by NAEP, and fill in the oval for that subject below.

- (A) Civics
- (B) Economics
- (C) Mathematics
- (D) Reading
- (E) Science
- (F) U.S. history

Questions 9–15, which follow, ask about this student's instruction and assessment in the subject identified in question 8.

VC043017

9. What grade level of instruction is this student currently receiving in the subject identified in question 8?

- (A) This student is currently not receiving instruction in this subject.
- (B) At or above grade level
- (C) One year below grade level
- (D) Two or more years below grade level
- (E) I don't know.

YC0185099

10. Is this student participating in the same curriculum content as nondisabled students in the subject identified in question 8?

- (A) This student is currently not receiving instruction in this subject.
- (B) Same curriculum content
- (C) Different curriculum content
- (D) I don't know.

YC0185101

11. According to the student's IEP or 504 plan, how does this student participate in the state academic assessment in the subject identified in question 8? If your state does not have an assessment in the subject identified in question 8, indicate how this student participates in your state's reading/language arts assessment.

- (A) Student's plan is still in process.
- (B) Regular assessment without accommodations
- (C) Regular assessment with accommodations
- (D) Regular assessment using accommodations *not* allowed in the regular state assessment
- (E) Out-of-level (off-grade) assessment
- (F) Alternate assessment for students who are significantly cognitively disabled
- (G) Other (specify)

_____

For questions 12–15, please indicate which accommodations this student receives, if any, in the state academic assessment in the subject identified in question 8. If your state does not have an assessment in the subject identified in question 8, indicate which accommodations this student receives, if any, in your state's reading/language arts assessment.

YC0185119

12. Presentation Accommodations (Fill in all ovals that apply.)

- (A) No presentation accommodations
- (B) Directions read aloud to student or presented by audiotape
- (C) Directions signed
- (D) Directions repeated
- (E) Assistance with interpretation of directions given
- (F) Passages, other test stimuli, or test questions read aloud or presented by audiotape
- (G) Braille edition of test
- (H) Large-print edition of test
- (I) Magnifying equipment provided
- (J) Test administered by person familiar to the student
- (K) Other (specify)

_____

VC085122

13. Response Accommodations (Fill in all ovals that apply.)

- (A) No response accommodations
- (B) Responds in Braille
- (C) Responds in sign language
- (D) Points to answers
- (E) Responds orally
- (F) Tape records answers
- (G) Uses computer to respond
- (H) Uses typewriter to respond
- (I) Uses a template to respond
- (J) Uses a large marking pen or specially designed writing tool
- (K) Writes directly in test booklet
- (L) Uses a calculator, including talking or Braille calculators, for computation tasks
- (M) Other (specify)

_____

VC085140

14. Setting Accommodations (Fill in all ovals that apply.)

- (A) No setting accommodations
- (B) Tested in small group
- (C) Tested individually
- (D) Tested in separate room
- (E) Receives preferential seating
- (F) Special lighting provided
- (G) Special furniture provided
- (H) Other (specify)

_____

VC085160

15. Timing Accommodations (Fill in all ovals that apply.)

- (A) No timing accommodations
- (B) Receives extended time
- (C) Receives breaks during test
- (D) Tested over several days
- (E) Other (specify)

_____

Question 16 asks you to judge whether this student can participate in the NAEP assessment, either with or without accommodations.

The NAEP assessment includes both multiple-choice and constructed-response (open-ended) questions.

A student identified as having a disability *should be included* in the NAEP assessment unless he or she is significantly cognitively disabled or unable to demonstrate his or her knowledge in the subject being assessed without an accommodation that is not permitted in NAEP.

NAEP permits most, but not all, accommodations provided for state assessment programs. In the reading assessment, NAEP *does not* permit the reading passages or test questions to be read aloud or presented by audiotape. In the mathematics assessment, NAEP *does not* permit use of calculators on computation questions. Testing over more than one day *is not* permitted in any NAEP assessment. NAEP does not have out-of-level (off-grade) or alternate assessments.

YCH5219

16. In your judgment, can this student participate in NAEP in the subject identified in question 8?

    (A) Yes, without accommodations

    (B) Yes, with accommodations permitted in NAEP

    (C) No, this student is significantly cognitively disabled.

    (D) No, this student cannot be assessed without an out-of-level (off-grade) or alternate assessment.

    (E) No, this student cannot demonstrate his or her knowledge in the subject being assessed without accommodations that are not permitted in NAEP.

THANK YOU FOR YOUR COOPERATION

Appendix M

2005 LEP Questionnaire

APPENDIX M. 2005 LEP QUESTIONNAIRE

Admin Schedule Line #_____ from Session #_____

The Nation's Report Card NAEP

2005 LEP Questionnaire

Q-990

To be completed by the staff member most knowledgeable about a student identified as LEP.
Use a #2 pencil to complete this questionnaire.

NAEP Subject to be Assessed
(from column C on Admin Schedule)

Please respond to the subject-specific questions based on the subject of the student's booklet.

- (C) Civics
- (E) Economics
- (M) Math
- (R) Reading
- (S) Science
- (H) US History

Student Demographic Information
(from columns D through J on Administration Schedule)

Birth Date		Sex	SD	LEP	R/E
Month	Year	1 = Male 2 = Female	1 = Yes 2 = No	1 = Yes	

Student Booklet ID
(from column N on Administration Schedule)

SCHOOL #

DO NOT USE

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A project of the Institute of Education Sciences.
This report is authorized by law (P.L. 107-110, 20 U.S.C. §9010). While your participation is voluntary, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. All responses that relate to or describe identifiable characteristics of teachers or schools may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose, unless otherwise compelled by law.
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UNITED STATES DEPARTMENT OF EDUCATION

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Thank you for allowing your school to participate in the 2004 National Assessment of Educational Progress (NAEP). These assessments are vital to measuring the academic skills and progress of the students in our nation and in each state.

As you know, the Individuals with Disabilities Education Act (IDEA) requires that all students with disabilities participate in state and district wide assessment programs through regular assessments, including with appropriate accommodations when necessary, or alternate assessments. The No Child Left Behind Act (NCLB) likewise requires the participation of students with disabilities in the student academic assessments required under that Act, and also requires that limited-English-proficient students, as well as other groups of students, participate in those state assessments. NCLB allows for reasonable accommodations on assessments administered to limited-English-proficient students. Although federal law does not explicitly specify similar requirements regarding the participation of students with disabilities and limited English-proficient students in NAEP, the NAEP program has been working very hard to make its sample of students taking the assessments as representative as possible of all students. We are asking you to ensure that the greatest possible number of students with disabilities and limited-English-proficient students in your school, who are selected to participate, do in fact take the assessments.

Please keep in mind that NAEP does not produce results for individual students or schools, as your state or district tests might. All results are summarized only at the national and state levels (and for a few large urban districts). In other words, the NAEP assessments do not impose consequences for the student or the school, and are instead intended purely to provide a picture of educational performance and progress.

We want to include as many students as possible in the picture NAEP provides for us. For this reason, we ask you to do all you can to help ensure the participation of students who are selected for NAEP whenever possible, including students with disabilities and limited-English-proficient students. Students taking the NAEP are able to use most of the testing accommodations they usually receive in other tests (e.g., extended time, small group testing). Most students with disabilities and limited-English-proficient students are indeed able to participate in NAEP with their fellow students.

NAEP is one of the most visible and important indicators of educational performance in this country, and we very much appreciate your support in making NAEP as inclusive as possible.

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BRMS-LEP

Page 2

08/16/04 GJ

NAEP Questionnaire Regarding Limited-English-Proficient (LEP) Students

Some students in your school have been selected, as part of a representative sample of students across the country, to take part in the National Assessment of Educational Progress (NAEP). The current NAEP assessment focuses on students' performance in civics, economics, mathematics, reading, science, and U.S. history. As part of the assessment, NAEP collects background information about students, their teachers, their home, and their school that may be related to students' academic performance.

In order to obtain a complete picture of educational progress for all students, it is important to collect supplemental information on students in the sample who are classified as limited English proficient (LEP) or as an English language learner (ELL)—whether they will be assessed or not. We are asking you to complete this questionnaire about one of those students.

NAEP is authorized under Public Law 107–110. While your participation is voluntary, your responses to these questions are needed to make this survey accurate and complete. All responses that relate to or describe identifiable characteristics of teachers or schools may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purposes, unless otherwise compelled by law.

Thank you very much for your help.

INSTRUCTIONS FOR FILLING OUT QUESTIONNAIRE

Please complete this questionnaire for the student named on the front cover. If the student named on the front cover does not meet the definition for a LEP or ELL student, or if you do not know about the student's English-language proficiency, instruction, and assessment, please return this questionnaire to the NAEP school coordinator.

Please answer questions directly on this questionnaire with a number 2 pencil by filling in the appropriate ovals and, if necessary, by writing your responses in the spaces provided. When you are finished, please return the questionnaire to your school's NAEP coordinator.

VC097124

What is your relationship to the student named on the front cover?

- (A) Classroom (General Education) Teacher
- (B) Bilingual Education/ESL Classroom Teacher
- (C) Bilingual Education/ESL Pullout Teacher
- (D) Guidance/School Counselor
- (E) Principal/Assistant Principal
- (F) Other (specify)

_____

YE338410

1. What is this student's first or native language?

   Ⓐ Spanish

   Ⓑ Other language (specify):

   _____

YE115685

Questions 2–5. How would you characterize this student's English proficiency? (Fill in one oval in each row.)

	Good (LEP advanced)	Fair (LEP intermediate)	Poor (LEP beginning)	No proficiency	I don't know.	
2. Listening comprehension in English	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	YE115690
3. Speaking English	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	YE115691
4. Reading English	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	YE115693
5. Writing English	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	YE115695

YE115697

6. Including the current school year, how long has this student been receiving academic instruction primarily in English?

   Ⓐ This student does not receive academic instruction primarily in English in this subject.

   Ⓑ Less than 1 year

   Ⓒ 1 to 2 years

   Ⓓ 2 to 3 years

   Ⓔ 3 years or more

   Ⓕ I don't know.

YE115076

7. Refer to the front cover to determine the subject in which this student is being assessed by NAEP, and fill in the oval for that subject below.

   Ⓐ Civics

   Ⓑ Economics

   Ⓒ Mathematics

   Ⓓ Reading

   Ⓔ Science

   Ⓕ U.S. history

Questions 8–14, which follow, ask about this student's instruction and assessment in the subject identified in question 7.

VC035078

8. What grade level of instruction is this student currently receiving in the subject identified in question 7?

   (A) This student is currently not receiving instruction in this subject.

   (B) At or above grade level

   (C) One year below grade level

   (D) Two or more years below grade level

   (E) I don't know.

VC035704

9. Is this student participating in the same curriculum content in the English language as English-speaking students in the subject identified in question 7?

   (A) This student is currently not receiving instruction in English in this subject.

   (B) Same curriculum content

   (C) Different curriculum content

   (D) I don't know.

VC035707

10. During this school year, what type of instruction for limited-English-proficient students has this student received in the subject identified in question 7?

   (A) No specially designed instruction for limited-English-proficient students

   (B) Specially designed instruction in English (e.g., ESL, simplified English)

   (C) Native-language instruction

   (D) I don't know.

VC035710

11. How does this student participate in the regular state academic assessment in the subject identified in question 7? If your state does not have an assessment in the subject identified in question 7, indicate how this student participates in your state's reading/language arts assessment.

   (A) This student does not participate in the regular state academic assessment.

   (B) Regular assessment without accommodations

   (C) Regular assessment with direct and/or indirect linguistic support accommodations

   (D) Other (specify)

   _____

   (E) I don't know.

For questions 12–13, please indicate which accommodations this student receives, if any, in the state academic assessment in the subject identified in question 7. If your state does not have an assessment in the subject identified in question 7, indicate which accommodation this student receives, if any, in your state's reading/language arts assessment.

YC0035712

12. Direct linguistic support accommodations in native language or English (Fill in all ovals that apply.)

- (A) No direct linguistic support accommodations
- (B) Native-language version of test
- (C) Bilingual version of test
- (D) Bilingual word lists or glossaries
- (E) Bilingual dictionary without definitions
- (F) Directions translated aloud into native language or presented by audiotape
- (G) Passages, other stimulus material, or test questions translated aloud into native language or presented by audiotape
- (H) Student's oral or written responses translated into written English
- (I) Directions read aloud in English or presented by audiotape
- (J) Passages, other stimulus materials, or test questions read aloud in English or presented by audiotape
- (K) Other (specify)

_____

YC0035713

13. Indirect linguistic support accommodations (Fill in all ovals that apply.)

- (A) No indirect linguistic support accommodations
- (B) Tested in small group
- (C) Tested individually
- (D) Receives extended time
- (E) Receives preferential seating
- (F) Other (specify)

_____

Question 14 asks your judgment about whether this student can participate in the NAEP assessment either with or without accommodations.

The NAEP assessment includes both multiple-choice and constructed-response (open-ended) questions.

A student who is identified as limited English proficient (LEP) and who is a native speaker of a language other than English *should be included* in the NAEP assessment unless he or she cannot demonstrate his or her knowledge in the subject assessed even with accommodations permitted by NAEP.

NAEP permits most, but not all, accommodations provided for state assessment programs. For all assessments, NAEP *does not* permit oral or written translation of directions into the student's native language or translation of the student's oral or written responses in his or her native language into English. For the reading assessment, NAEP *does not* permit the passages or test questions to be read aloud or presented by audiotape in English, *does not* permit oral or written translation of passages or test questions into the student's native language, and *does not* permit the use of bilingual word lists, glossaries, or dictionaries.

A student who has received instruction primarily in English for at least three school years, including the current year, must participate in the NAEP assessment without accommodations.

VC085718

14. In your judgment, can this student participate in NAEP in the subject selected in question 7?

    (A) Yes, without accommodations

    (B) Yes, with accommodations permitted in NAEP

    (C) No, this student cannot demonstrate knowledge in the subject being assessed even with accommodations permitted in NAEP.

THANK YOU FOR YOUR COOPERATION

Appendix N

Quality Checks for the HSTS Sample: Comparison of the Full HSTS School Sample to the Responding HSTS School Sample

APPENDIX N. QUALITY CHECKS FOR THE HSTS SAMPLE: COMPARISON OF THE FULL HSTS SCHOOL SAMPLE TO THE RESPONDING HSTS SCHOOL SAMPLE

To study the potential for nonresponse bias, we compared selected school characteristics by comparing the distribution of the weighted full original sample to the final sample with and without nonresponse adjusted weights. There are two comparisons: of the main 'unlinked' HSTS responding school sample, and of the 'linked' NAEP-HSTS responding school sample. The latter is actually a subset of the former, as a school is required to be a respondent in both the HSTS study and in the NAEP study to be in the linked school sample.

The tables in this section present weighted aggregations, weighted percentages and weighted means for the full HSTS school sample, the responding unlinked schools, and the responding linked schools. The weights include the original school base weight (reciprocal of the probability of selection), and the grade enrollment of the school[1]. If the responding school sets with their nonresponse adjusted weights are representing the full school sample without bias then there should be 'balance' in the weighted estimates: the full school sample and the two responding school samples should be estimating the same population values.

The differences between these sets of weighted estimates give an indication of the potential for nonresponse bias that has been introduced by nonresponding schools with no participating substitute. We computed a standard error for these differences by concatenating the two files and treating them as one file with one set of weights. The first 'half' of the concatenated file consists of all originally sampled schools, with the replicate weights being the grade-enrollment-adjusted school base weights. The second 'half' of the concatenated file consisted of responding schools only, with the replicate weights being the grade-enrollment-adjusted school-nonresponse-adjusted weights. Note that responding original schools will be represented twice on these concatenated files, with different weights for each of the two records for the school. The standardized difference is the difference divided by this computed standard error. Under the null hypothesis that the two estimators are estimating the same population value (i.e., there is no nonresponse bias), these standardized differences should have a distribution reasonably close to that of a t-distribution, with appropriate degrees of freedom based on the number of first-stage sample units. The

[1] The estimates are of school population totals that are weighted by the school's grade enrollment (so that the totals are actually of students).

p-values are two-sided corresponding to this test that the population difference is zero, as against the two-sided alternative[2].

Tables N-1 and N-2 present weighted aggregations for public schools, private schools, public and private schools together, and weighted percentages by Census region and school-wide Title I status for public schools, school type for private schools, and weighted percentages by type of locality for public and private schools combined together.

Table N-1. NAEP HSTS comparisons of full HSTS school sample and responding HSTS unlinked school sample: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS (unlinked) school sample student total estimate	Responding HSTS (unlinked) school sample estimated percent	Difference full-unlinked resp (in total or percent)	P-value of standardized difference
Public schools						
Northeast	513,759	17.64	513,759	17.64	0.00	0.805
Midwest	689,716	23.68	689,716	23.68	0.00	0.805
South	1,010,446	34.70	1,010,446	34.70	0.00	1.000
West	698,238	23.98	698,238	23.98	0.00	0.934
Public schools						
School-wide Title I	249,034	42.49	263,789	42.78	-0.30	0.864
Other	337,122	57.51	352,807	57.22	0.30	0.864
Private schools						
Catholic	137,063	51.74	142,511	53.80	-2.06	0.318
Conservative Christian	27,972	10.56	29,390	11.10	-0.54	0.324
Other private	99,856	37.70	92,990	35.10	2.59	0.226
Public and private schools						
Central city	950,277	29.91	893,000	28.11	1.80	**0.000**
Urban fringe/large town	1,379,883	43.43	1,433,470	45.12	-1.69	**0.004**
Small town, rural	846,889	26.66	850,580	26.77	-0.12	0.728

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

[2] It should be noted that all p-values throughout this paper are based on the normal distribution (i.e., infinite degrees of freedom). In reality, the degrees of freedom are no more than the number of replicates (62), and in some subgroups considerably less. For this reason, t-statistics with absolute values in the general range of 2.0 through 2.5 are registered with p-values less than 5%, but might have non-significant p-values if the degrees of freedom were computed exactly.

Table N-2. NAEP HSTS comparisons of full HSTS school sample and responding NAEP-HSTS linked school sample: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS linked school sample student total estimate	Responding HSTS linked school sample estimated percent	Difference full-linked resp (in percent)	P-value of standardized difference
Public schools						
Northeast	513,759	17.64	513,759	17.64	0.00	0.624
Midwest	689,716	23.68	689,716	23.68	0.00	0.788
South	1,010,446	34.70	1,010,446	34.70	0.00	0.928
West	698,238	23.98	698,238	23.98	0.00	0.936
Public schools						
School-wide Title I	249,034	42.49	276,224	45.22	-2.73	0.191
Other	337,122	57.51	334,658	54.78	2.73	0.191
Private schools						
Catholic	137,063	51.74	142,511	53.80	-2.06	0.318
Conservative Christian	27,972	10.56	29,390	11.10	-0.54	0.324
Other religious	99,856	37.70	92,990	35.10	2.59	0.226
Public and private schools						
Central city	950,277	29.91	884,168	27.83	2.08	**0.000**
Urban fringe/large town	1,379,883	43.43	1,437,815	45.26	-1.82	**0.003**
Small town, rural	846,889	26.66	855,068	26.91	-0.26	0.525

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

It appears that the weighted responding (linked and unlinked) sample is about 2% on the high side with regard to central city schools, with urban fringe/large town schools 2% lower.

Tables N-3 and N-4 present weighted aggregations for Conservative Christian schools by Census region, and Other Private schools by Type of Location. In both of these cases, significant chi-square tests for non-independence of NAEP school response for the NAEP 2005 twelfth grade private school sample was found at the .05 level. As HSTS school response is highly correlated to NAEP school response, we will check these tables for significant differences after weighting adjustments for HSTS unlinked and linked school response as compared to the full HSTS school samples.

Table N-3. NAEP HSTS comparisons of full HSTS school sample and responding HSTS unlinked school sample for Conservative Christian and Other Private Schools: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS (unlinked) school sample student total estimate	Responding HSTS (unlinked) school sample estimated percent	Difference full-unlinked resp (in total or percent)	P-value of standardized difference
Conservative Christian schools						
Northeast	2,780	9.94	4,019	13.67	-3.74	0.478
Midwest	6,113	21.85	6,003	20.42	1.43	0.387
South	12,480	44.62	12,659	43.07	1.54	0.782
West	6,599	23.59	6,710	22.83	0.76	0.657
Other private schools						
Large central city	73,940	31.21	54,670	23.21	7.99	0.075
Midsized central city	52,863	22.31	55,616	23.62	-1.30	0.732
Rural, MSA	13,213	5.58	8,672	3.68	1.89	0.515

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-4. NAEP HSTS comparisons of full HSTS school sample and responding NAEP-HSTS linked school sample for Conservative Christian and Other Private Schools: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS linked school sample student total estimate	Responding HSTS linked school sample estimated percent	Difference full-linked resp (in total or percent)	P-value of standardized difference
Conservative Christian schools						
Northeast	2,780	9.94	4,564	15.53	-5.59	0.401
Midwest	6,113	21.85	6,113	20.80	1.05	0.355
South	12,480	44.62	9,585	32.61	12.00	0.191
West	6,599	23.59	9,128	31.06	-7.47	0.400
Other private schools						
Large central city	73,940	31.21	51,344	21.80	9.41	0.067
Midsized central city	52,863	22.31	57,021	24.21	-1.90	0.685
Rural, MSA	13,213	5.58	10,021	4.26	1.32	0.677

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

The means that are presented in Tables N-5 and N-6 are of the percentage of Black students in the school, the percentage of Hispanic students, the percentage of Asian students, and the percentage of Native American students, the median household income (1999) of the ZIP Code area where the school is

located, and type of location (with levels treated as continuous[3]). The sociodemographic and geographic aggregations as presented in the first two parts of the table are generally done in NAEP analyses. The NAEP operational assessment aggregations as given in the third part of the table are special to this HSTS analysis, as the NAEP operational assessment scores will be available to contribute to this HSTS analysis. This is especially helpful in confirming that the loss of New York to the HSTS sample is not generating systematic biases (or at least we can confirm that the responding sample has generally the same levels in terms of NAEP operational assessment outcomes). The 'full HSTS school sample' in the case of the NAEP operational assessments are restricted to the overlap between the HSTS school sample and the responding NAEP sample. The comparison is only made between this set and the NAEP-HSTS linked responding school sample (which is also restricted to the overlap set between HSTS sample and responding NAEP sample).

Tables N-5 through N-14 presents a comparison of the full HSTS school sample, the HSTS responding school sample (unlinked), and the NAEP-HSTS responding school sample (linked), with regard to school characteristics. Tables N-5 through N-9 present results for public schools, and Tables N-10 through N-14 present results for private schools. The first three tables of each set (N-5 through N-7 for public schools and N-10 through N-12 for private schools) present aggregations for the full HSTS sample, the unlinked responding school sample, and the NAEP-HSTS linked responding school sample respectively, with the remaining two sets of each set presenting estimates of the differences (full vs. unlinked, full vs. linked). Note that the NAEP operational assessment comparisons do not include the unlinked HSTS set. Along with the estimates of the differences are p-values for the two-sided test of the null hypothesis that the difference is zero.

The percentage of Hispanics in the Northeast is somewhat lower, the percentage of Blacks in the West somewhat higher, and the type of location higher (i.e., more rural) in the Northeast for the weighted responding linked and unlinked samples, compared to the full sample. The actual differences are small.

The other private category has some differences between the weighted responding sample and the full sample. The type of location is higher in the responding sample (i.e., it is more rural), and the percentage of Blacks is lower in the responding sample.

[3] The numeric levels of type of location which are combined into means are 1-Large city center, 2-Smaller city center, 3-Urban fringe large city, 4-Urban fringe small city, 5-Large town, 6-Small town, 7-Rural. Thus a low mean indicates roughly relative urban status, a high mean indicates relative rural status.

Table N-5. Estimated enrollment from the full HSTS public school sample, by race/ethnicity, median income, type of location, and region: 2005

	Enrollment											
	Black		Hispanic		Asian		American Indian		Median income		Type of location	
Census region	Percent	SE	Percent	SE	Percent	SE	Percent	SE	Estimate (dollars)	SE	Mean scale	SE
Northeast	11.09	0.659	10.58	0.905	3.42	0.322	0.35	0.137	$49,072	1,412	3.85	0.081
Midwest	10.31	1.004	4.13	0.696	2.54	0.282	1.47	0.411	48,981	1,039	4.35	0.076
South	24.26	1.117	12.32	0.845	2.17	0.176	0.92	0.181	40,144	824	4.16	0.062
West	5.86	0.610	28.59	1.167	10.46	1.046	1.70	0.266	49,121	803	3.18	0.071
Total	14.17	0.488	13.98	0.463	4.48	0.272	1.14	0.128	45,994	430	3.91	0.035

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-6. Estimated enrollment from the responding (unlinked) HSTS public school sample, by race/ethnicity, median income, type of location and region: 2005

	Enrollment											
	Black		Hispanic		Asian		American Indian		Median income		Type of location	
Census region	Percent	SE	Percent	SE	Percent	SE	Percent	SE	Estimate (dollars)	SE	Mean scale	SE
Public												
Northeast	9.82	0.851	8.76	1.232	3.33	0.486	0.18	0.028	$49,311	1,673	4.02	0.112
Midwest	10.09	1.180	3.97	0.795	2.58	0.316	1.48	0.411	49,176	1,132	4.35	0.074
South	24.49	1.246	12.57	0.933	1.97	0.168	0.97	0.197	39,506	795	4.16	0.062
West	6.42	0.762	29.46	1.413	9.61	1.139	1.64	0.254	46,455	840	3.18	0.071
Total Public	14.11	0.573	13.92	0.555	4.20	0.298	1.11	0.126	45,225	494	3.94	0.037

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-7. Estimated enrollment from the responding NAEP-HSTS linked public school sample, by race/ethnicity, median income; type of location and region: 2005

	Enrollment											
	Black		Hispanic		Asian		American Indian		Median income		Type of location	
Census region	Percent	SE	Percent	SE	Percent	SE	Percent	SE	Estimate (dollars)	SE	Mean scale	SE
Northeast	9.94	0.899	8.35	1.217	2.99	0.413	0.17	0.028	$48,929	1,691	4.03	0.114
Midwest	10.90	1.261	2.87	0.351	2.37	0.351	1.59	0.456	48,893	1,332	4.38	0.081
South	24.31	1.266	12.52	0.953	1.95	0.174	0.98	0.197	39,554	805	4.15	0.062
West	6.79	0.819	29.42	1.557	9.42	1.198	1.60	0.264	45,977	858	3.18	0.071
Total	14.35	0.619	13.56	0.540	4.04	0.304	1.13	0.136	44,991	539	3.95	0.038

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-8. Differences between responding unlinked and full HSTS public school sample, by race/ethnicity, median income, type of location and region: 2005

	Enrollment											
	Black		Hispanic		Asian		American Indian		Median income		Type of location	
Census region	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value
Northeast	-1.26	0.159	-1.82	**0.045**	-0.10	0.818	-0.17	0.185	240	0.848	0.17	**0.011**
Midwest	-0.21	0.667	-0.15	0.398	0.04	0.673	0.01	0.712	195	0.489	0.00	0.835
South	0.23	0.667	0.25	0.216	-0.20	0.077	0.06	0.146	-638	0.177	0.00	0.482
West	0.56	0.087	0.86	0.249	-0.85	0.208	-0.07	0.411	-2,667	0.001	0.00	0.454
Total	-0.07	0.818	-0.06	0.805	-0.28	0.147	-0.03	0.536	-768	0.029	0.03	**0.009**

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-9. Differences between responding linked and full HSTS public school samples, by race/ethnicity, median income, type of location, and region: 2005

	Enrollment											
	Black		Hispanic		Asian		American Indian		Median income		Type of location	
Census region	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value
Northeast	-1.15	0.224	-2.23	**0.012**	-0.43	0.240	-0.19	0.158	-142	0.911	0.17	**0.009**
Midwest	0.60	0.453	-1.26	**0.022**	-0.17	0.326	0.12	0.219	-88	0.873	0.03	0.266
South	0.05	0.936	0.20	0.367	-0.22	0.067	0.06	0.134	-590	0.215	0.00	0.293
West	0.93	**0.010**	0.83	0.341	-1.04	0.206	-0.10	0.301	-3,145	0.000	0.00	0.277
Total	0.17	0.613	-0.43	0.186	-0.44	**0.047**	-0.01	0.867	-1,003	0.007	0.04	**0.005**

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-10. Estimated enrollment from the full HSTS private school sample, by race ethnicity, type of location and private school type: 2005

	Enrollment									
	Black		Hispanic		Asian		American Indian		Type of location	
School type	Percent	SE	Percent	SE	Percent	SE	Percent	SE	Mean scale	SE
Conservative Christian	4.89	1.246	3.44	0.755	1.56	0.250	0.77	0.532	3.70	0.403
Roman Catholic	10.75	3.915	10.09	2.369	4.08	1.403	0.52	0.175	2.51	0.334
Other Private	8.19	2.212	4.34	1.016	10.23	3.486	0.55	0.214	3.12	0.275
Total Private	9.19	2.118	7.29	1.414	6.03	1.501	0.56	0.107	2.87	0.187

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-11. Estimated enrollment from the responding (unlinked) NAEP HSTS private school sample, by race/ethnicity, type of location and private school type: 2005

	Enrollment									
	Black		Hispanic		Asian		American Indian		Type of location	
School type	Percent	SE	Percent	SE	Percent	SE	Percent	SE	Mean scale	SE
Conservative Christian	4.08	1.131	3.39	0.966	1.58	0.340	1.41	0.963	3.75	0.524
Roman Catholic	9.70	4.545	8.72	2.550	5.21	2.008	0.68	0.244	2.40	0.308
Other Private	4.64	1.785	2.97	0.889	10.46	4.954	0.30	0.127	4.14	0.300
Total	7.30	2.600	6.11	1.375	6.65	2.014	0.63	0.181	3.16	0.195

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-12. Estimated enrollment from the responding NAEP-HSTS linked private school sample, by race ethnicity, type of location and private school type: 2005

	Enrollment									
	Black		Hispanic		Asian		American Indian		Type of location	
School type	Percent	SE	Percent	SE	Percent	SE	Percent	SE	Mean scale	SE
Conservative Christian	3.51	1.105	2.09	0.693	1.49	0.375	1.22	1.041	3.66	0.614
Roman Catholic	6.96	4.304	8.37	2.663	5.56	2.247	0.77	0.265	2.56	0.338
Other Private	3.33	1.408	3.06	1.067	13.66	6.660	0.25	0.148	4.15	0.424
Total	5.30	2.404	5.81	1.472	7.95	2.492	0.64	0.203	3.24	0.231

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-13. Differences between responding unlinked and full HSTS private school sample, by race/ethnicity, type of location and private school type: 2005

	Enrollment									
	Black		Hispanic		Asian		American Indian		Type of location	
School type	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value
Conservative Christian	-0.81	0.452	-0.05	0.939	0.02	0.917	0.64	0.198	0.05	0.851
Roman Catholic	-1.05	0.666	-1.37	0.423	1.13	0.140	0.16	0.094	-0.11	0.695
Other Private	-3.54	0.106	-1.36	0.078	0.23	0.945	-0.25	0.198	1.02	**0.002**
Total	-1.89	0.245	-1.18	0.255	0.62	0.597	0.07	0.550	0.30	0.095

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-14. Differences between responding linked and full HSTS private school sample, by race-ethnicity, school location and private school type: 2005

	Enrollment									
	Black		Hispanic		Asian		American Indian		Type of location	
School type	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value
Conservative Christian	-1.38	0.262	-1.35	0.094	-0.07	0.810	0.45	0.446	-0.03	0.939
Roman Catholic	-3.79	0.167	-1.72	0.358	1.47	0.171	0.25	0.058	0.05	0.878
Other Private	-4.86	**0.038**	-1.27	0.167	3.43	0.469	-0.31	0.184	1.02	**0.004**
Total	-3.89	0.017	-1.49	0.195	1.92	0.231	0.08	0.583	0.37	0.066

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Appendix O

2005 High School Transcript Study
Classification of Secondary School Courses
Hierarchical Listing and Detailed Stub List

APPENDIX O. 2005 HIGH SCHOOL TRANSCRIPT STUDY CLASSIFICATION OF SECONDARY SCHOOL COURSES HIERARCHICAL LISTING AND DETAILED STUB LIST

This appendix presents the subject field taxonomy that provides the structure for grouping the high school transcript courses. The lists that follow identify the Classification of Secondary School Courses (CSSC) codes in each subject field category. These categories are referred to as "stubs" because they are associated with row labels, or stubs, in previously published tabulations.

The subject field categories are organized according to the 14 subject categories established by Secondary School Taxonomy (SST).[1] Two categories have been added to the second level of the SST: Computer-Related Studies and Special Education. The Computer-Related Studies category belongs to the Academic group. It has four subcategories: Clerical and Data Entry, Computer Applications, Computer Science, and Computer and Network Hardware and Maintenance. All of the computer-related courses also appear in various math and vocational categories. They are counted only once, however, when calculating totals across multiple SST categories.

The Special Education category belongs to the Personal/Other Courses group and includes a large number of courses that are usually open only to students with Individualized Educational Programs (IEP). Some special education courses also appear in other subject field categories. Because of changes made to the course definitions through the high school transcript studies, these courses are counted twice when calculating totals and subtotals. All other special education courses are counted only once when calculating totals across multiple SST categories.

The Academic group includes an additional number of subcategories for some of its categories. These subcategories do not change the definition of any of the existing categories or subcategories, but provide a means for summarizing the data at a level that has proved useful in previous transcript studies. For example, because they may be of special analytic interest, some Academic subjects include subcategories for remedial/below grade level courses and Advanced Placement/International Baccalaureate/Honors courses.

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[1] Gifford, A.G., Hoachlander, E.G., and Tuma, J.E., The Secondary School Taxonomy, a report prepared for the National Assessment of Vocational Education, Office of Planning, Budget, and Evaluation, U.S. Department of Education (Berkeley: MPR Associates, Inc., February, 1989).

An additional group of composite "stubs" have also been added to the SST. Created solely for tabulation purposes, the subcategories in this group do not reflect a list of courses, but instead a set of curriculum standards similar to those standards required for high school graduation. These standards include the "New Basics Curriculum" (STUB2002), which was recommended by the National Commission on Excellence in Education in their report *A Nation at Risk*, as well as minimal academic standards (STUB2004 and STUB2005) required by most states. In the HSTS 2005 restricted-use student database, these "stubs" indicate whether or not the student met the listed curriculum standards.

For the 2005 HSTS, two new stubs and 18 new CSSC codes were added. Along with the Computer and Network Hardware and Maintenance subcategory mentioned earlier, a Personal Growth and Interpersonal Relationships subcategory was added to the Personal Health and Physical education category. The new CSSC codes included Advanced Placement courses in geography, Latin, and studio art, as well as codes for personal computer hardware and repair, electronic commerce, military drill team, leadership, and the Academic decathlon program.

Note that the categories are hierarchical in nature. That is, course codes that appear in a subcategory also appear in the appropriate higher-order category. For example, the CSSC code for "Calculus" (270419) appears in the Calculus subcategory and the Mathematics category. The CSSC code for "Etymology" (230412) appears in the Survey English subcategory and the English category.

The Hierarchical Listing that follows indicates in outline form the categories and subcategories as well as the composite stubs. The Detailed Stub List, which follows the Hierarchical Listing, is presented in the same order as the Hierarchical Listing. The Detailed Stub List is an exhaustive list of every code included in each category and each subcategory. It contains all valid CSSC codes, whether or not they appear in the current study. Previously used codes that have been dropped or reassigned have been included for the sake of completeness. This version of the SST can be applied to any study using the CSSC without the need for additional codes.

HIERARCHICAL LISTING OF SUBJECT FIELD CATEGORIES

ACADEMIC COURSES

STUB0100	MATHEMATICS		
STUB0110		Basic Math	
STUB0120		General Math	
STUB0130		Applied Math	
STUB0141			Pre-Algebra
STUB0142			Algebra 1
STUB0143			Algebra 2
STUB0150		Geometry	
STUB0160		Calculus	
STUB0161			AP/IB/Honors Calculus
STUB0170		Advanced Math - Other	
STUB0171			Trigonometry
STUB0172			Analysis/Precalculus
STUB0173			Statistics/Probability

STUB0200	SCIENCE	
STUB0210		Survey Science
STUB0220		Biology
STUB0221		AP/IB/Honors Biology
STUB0230		Chemistry
STUB0231		AP/IB/Honors Chemistry
STUB0240		Physics
STUB0241		AP/IB/Honors Physics
STUB0250		Engineering
STUB0260		Astronomy
STUB0270		Geology/Earth Science

STUB0300	ENGLISH	
STUB0310		Survey English
STUB0320		Literature
STUB0330		Composition
STUB0340		Speech
STUB0350		AP/IB/Honors English
STUB0360		Remedial/Below Grade English

HIERARCHICAL LISTING OF SUBJECT AREA CATEGORIES (Continued)

STUB0400	SOCIAL STUDIES		
STUB0410		American History	
STUB0411			AP/IB/Honors American History
STUB0420		World History	
STUB0421			AP/IB/Honors Western Civilization/European History
STUB0430		American Government & Politics	
STUB0440		Humanities Other	
STUB0441			Non-Western History
STUB0442			Western History/Civilization
STUB0443			Economics
STUB0444			Geography
STUB0445			Sociology/Psychology
STUB0446			International Politics
STUB0447			Remedial/Below Grade Social Studies
STUB0450		AP/IB/Honors Social Studies	
STUB0500	FINE ARTS		
STUB0510		Fine Arts & Crafts	
STUB0520		Music	
STUB0530		Drama	
STUB0540		Dance	
STUB0550		Art/Music Appreciation/History	
STUB0600	FOREIGN LANGUAGES		
STUB0601		AP/IB/Honors Foreign Language	
STUB0610		Survey Foreign Language	
STUB0620		French	
STUB0630		Spanish	
STUB0640		German	
STUB0650		Latin	
STUB0660		Japanese	
STUB0670		Mandarin/Cantonese	
STUB0680		Russian	
STUB0690		Foreign Language - Other	
STUB0700	COMPUTER-RELATED STUDIES		
STUB0710		Clerical & Data Entry	
STUB0720		Computer Applications	
STUB0730		Computer Science	
STUB0740		Computer and Network Hardware and Maintenance	

HIERARCHICAL LISTING OF SUBJECT AREA CATEGORIES (Continued)

VOCATIONAL COURSES

STUB0800	CONSUMER & HOMEMAKING EDUCATION
STUB0900	GENERAL LABOR MARKET PREPARATION
STUB0910	Typewriting 1
STUB0920	Introductory Industrial
STUB0930	Work Experience/Career Exploration
STUB0940	General Labor Market Skills
STUB1000	SPECIFIC LABOR MARKET PREPARATION
STUB1010	Agriculture/Renewable Resources
STUB1020	Business
STUB1030	Marketing & Distribution
STUB1040	Health
STUB1050	Occupational Home Economics
STUB1060	Trade & Industry
STUB1070	Technical & Communications
STUB1080	Unidentified Subject

PERSONAL/OTHER COURSES

STUB1100	GENERAL SKILLS
STUB1200	PERSONAL HEALTH & PHYSICAL EDUCATION
STUB1210	Physical Education
STUB1220	Health
STUB1240	Driver Education
STUB1250	Personal Growth/Interpersonal Relationships
STUB1300	RELIGION
STUB1400	MILITARY SCIENCE
STUB1500	SPECIAL EDUCATION
STUB1600	ALL COURSES OTHER THAN ABOVE

COMPOSITE STUBS

STUB2001	4 years English, 3 years Social Studies, 3 years Science, 3 years Mathematics, ½ year Computer Science, and 2 years Foreign Language
STUB2002	4 years English, 3 years Social Studies, 3 years Science, 3 years Mathematics, and ½ year Computer Science
STUB2003	4 years English, 3 years Social Studies, 3 years Science, 3 years Mathematics, and 2 years Foreign Language
STUB2004	4 years English, 3 years Social Studies, 3 years Science, and 3 years Mathematics
STUB2005	4 years English, 3 years Social Studies, 2 years Science, and 2 years Mathematics

Detailed Stub List

CSSC CODE	TITLE
STUB0100 Mathematics	
110111	COMPUTER APPRECIATION
110121	COMPUTER MATHEMATICS 1
110122	COMPUTER MATHEMATICS 2
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER
110500	SYSTEMS ANALYSIS, OTHER
119900	COMPUTER AND INFORMATION SCIENCES, OTHER
270100	MATHEMATICS, OTHER GENERAL
270101	MATHEMATICS 7
270102	MATHEMATICS 7, ACCELERATED
270103	MATHEMATICS 8
270104	MATHEMATICS 8, ACCELERATED
270105	MATHEMATICS, BASIC (CHANGED TO 270601-270604)
270106	MATHEMATICS 1, GENERAL
270107	MATHEMATICS 2, GENERAL
270108	SCIENCE MATHEMATICS
270109	MATHEMATICS IN THE ARTS
270110	MATHEMATICS, VOCATIONAL
270111	TECHNICAL MATHEMATICS
270112	MATHEMATICS REVIEW
270113	MATHEMATICS TUTORING
270114	CONSUMER MATHEMATICS
270200	ACTUARIAL SCIENCES, OTHER
270300	APPLIED MATHEMATICS, OTHER
270400	PURE MATHEMATICS, OTHER
270401	PRE-ALGEBRA
270402	ALGEBRA 1, PART 1
270403	ALGEBRA 1, PART 2
270404	ALGEBRA 1
270405	ALGEBRA 2
270406	GEOMETRY, PLANE
270407	GEOMETRY, SOLID
270408	GEOMETRY
270409	GEOMETRY, INFORMAL
270410	ALGEBRA 3
270411	TRIGONOMETRY
270412	ANALYTIC GEOMETRY
270413	TRIGONOMETRY AND SOLID GEOMETRY
270414	ALGEBRA AND TRIGONOMETRY
270415	ALGEBRA AND ANALYTIC GEOMETRY
270416	ANALYSIS, INTRODUCTORY
270417	LINEAR ALGEBRA
270418	CALCULUS AND ANALYTIC GEOMETRY
270419	CALCULUS
270420	ADVANCED PLACEMENT CALCULUS AB
270421	MATHEMATICS 1, UNIFIED
270422	MATHEMATICS 2, UNIFIED
270423	MATHEMATICS 3, UNIFIED
270424	MATHEMATICS, INDEPENDENT STUDY
270425	GEOMETRY, PART 1
270426	GEOMETRY, PART 2
270427	UNIFIED MATH 1, PART 1
270428	UNIFIED MATH 1, PART 2
270429	PRE-IB GEOMETRY
270430	PRE-IB ALGEBRA 2/TRIGONOMETRY
270431	IB MATH METHODS 1
270432	IB MATH STUDIES 1
270433	IB MATH STUDIES 2
270434	IB MATH STUDIES/CALCULUS
270435	ADVANCED PLACEMENT CALCULUS BC
270436	DISCRETE MATH
270437	FINITE MATH
270500	STATISTICS, OTHER
270511	STATISTICS
270521	PROBABILITY
270531	PROBABILITY AND STATISTICS
270532	AP STATISTICS
270601	BASIC MATH 1
270602	BASIC MATH 2
270603	BASIC MATH 3
270604	BASIC MATH 4

CSSC CODE	TITLE
279900	MATHEMATICS, OTHER
320108	MATHEMATICS, VOCATIONAL (CHANGED TO 270110)
541001	GENERAL MATH SKILLS
541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT
541101	FUNCTIONAL CONSUMER MATH
541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT
541201	FUNCTIONAL VOCATIONAL MATH
541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT
562700	SPECIAL EDUCATION MATH
562701	RESOURCE GENERAL MATH
562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
562711	RESOURCE VOCATIONAL MATH
562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
562721	RESOURCE CONSUMER MATH
562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT
STUB0110 - Basic Math	
270105	MATHEMATICS, BASIC (CHANGED TO 270601-270604)
270601	BASIC MATH 1
270602	BASIC MATH 2
270603	BASIC MATH 3
270604	BASIC MATH 4
STUB0120 - General Math	
270100	MATHEMATICS, OTHER GENERAL
270101	MATHEMATICS 7
270102	MATHEMATICS 7, ACCELERATED
270103	MATHEMATICS 8
270106	MATHEMATICS 1, GENERAL
270107	MATHEMATICS 2, GENERAL
270113	MATHEMATICS TUTORING
541001	GENERAL MATH SKILLS
541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT
562700	SPECIAL EDUCATION MATH
562701	RESOURCE GENERAL MATH
562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
STUB0130 - Applied Math	
110111	COMPUTER APPRECIATION
110121	COMPUTER MATHEMATICS 1
110122	COMPUTER MATHEMATICS 2
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER
110500	SYSTEMS ANALYSIS, OTHER
199000	COMPUTER AND INFORMATION SCIENCES, OTHER
270108	SCIENCE MATHEMATICS
270109	MATHEMATICS IN THE ARTS
270110	MATHEMATICS, VOCATIONAL
270111	TECHNICAL MATHEMATICS
270114	CONSUMER MATHEMATICS
270300	APPLIED MATHEMATICS, OTHER
320108	MATHEMATICS, VOCATIONAL (CHANGED TO 270110)
541101	FUNCTIONAL CONSUMER MATH
541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT
541201	FUNCTIONAL VOCATIONAL MATH
541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT
562711	RESOURCE VOCATIONAL MATH
562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
562721	RESOURCE CONSUMER MATH
562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT

CSSC CODE	TITLE
STUB0141 - Pre-Algebra	
270104	MATHEMATICS 8, ACCELERATED
270401	PRE-ALGEBRA
270402	ALGEBRA 1, PART 1
270403	ALGEBRA 1, PART 2
STUB0142 - Algebra 1	
270404	ALGEBRA 1
270421	MATHEMATICS 1, UNIFIED
270427	UNIFIED MATH 1, PART 1
270428	UNIFIED MATH 1, PART 2
STUB0143 - Algebra 2	
270405	ALGEBRA 2
270410	ALGEBRA 3
270414	ALGEBRA AND TRIGONOMETRY
270415	ALGEBRA AND ANALYTIC GEOMETRY
270417	LINEAR ALGEBRA
270430	PRE-IB ALGEBRA 2/TRIGONOMETRY
STUB0150 - Geometry	
270406	GEOMETRY, PLANE
270407	GEOMETRY, SOLID
270408	GEOMETRY
270409	GEOMETRY, INFORMAL
270422	MATHEMATICS 2, UNIFIED
270425	GEOMETRY, PART 1
270426	GEOMETRY, PART 2
270429	PRE-IB GEOMETRY
STUB0160 - Calculus	
270418	CALCULUS AND ANALYTIC GEOMETRY
270419	CALCULUS
270420	ADVANCED PLACEMENT CALCULUS AB
270434	IB MATH STUDIES/CALCULUS
270435	ADVANCED PLACEMENT CALCULUS BC
STUB0161 - AP/IB/Honors Calculus	
270420	ADVANCED PLACEMENT CALCULUS AB
270434	IB MATH STUDIES/CALCULUS
270435	ADVANCED PLACEMENT CALCULUS BC
STUB0170 - Advanced Math - Other	
270112	MATHEMATICS REVIEW
270200	ACTUARIAL SCIENCES, OTHER
270400	PURE MATHEMATICS, OTHER
270411	TRIGONOMETRY
270412	ANALYTIC GEOMETRY
270413	TRIGONOMETRY AND SOLID GEOMETRY
270416	ANALYSIS, INTRODUCTORY
270423	MATHEMATICS 3, UNIFIED
270424	MATHEMATICS, INDEPENDENT STUDY
270430	PRE-IB ALGEBRA 2/TRIGONOMETRY
270431	IB MATH METHODS 1
270432	IB MATH STUDIES 1
270433	IB MATH STUDIES 2
270436	DISCRETE MATH
270437	FINITE MATH
270500	STATISTICS, OTHER

CSSC CODE	TITLE
270511	STATISTICS
270521	PROBABILITY
270531	PROBABILITY AND STATISTICS
270532	AP STATISTICS
279900	MATHEMATICS, OTHER
STUB0171 - Trigonometry	
270411	TRIGONOMETRY
270413	TRIGONOMETRY AND SOLID GEOMETRY
270430	PRE-IB ALGEBRA 2/TRIGONOMETRY
STUB0172 - Analysis/Precalculus	
270416	ANALYSIS, INTRODUCTORY
270433	IB MATH STUDIES 2
STUB0173 - Statistics/Probability	
270500	STATISTICS, OTHER
270511	STATISTICS
270521	PROBABILITY
270531	PROBABILITY AND STATISTICS
270532	AP STATISTICS
STUB0200 – Science	
140100	ENGINEERING, OTHER GENERAL
140111	ORIENTATION TO ENGINEERING
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER
140211	AEROSPACE MATERIALS
140221	AEROSPACE ENGINEERING DESIGN
140300	AGRICULTURAL ENGINEERING, OTHER
140400	ARCHITECTURAL ENGINEERING, OTHER
140411	STRENGTH OF MATERIALS - ARCHITECTURAL
140500	BIOENGINEERING AND BIOMEDICAL ENGINEERING, OTHER
140600	CERAMIC ENGINEERING, OTHER
140700	CHEMICAL ENGINEERING, OTHER
140800	CIVIL ENGINEERING, OTHER
140900	COMPUTER ENGINEERING, OTHER
141000	ELECTRICAL, ELECTRONICS AND COMMUNICATIONS ENGINEERING, OTHER
141100	ENGINEERING MECHANICS, OTHER
141200	ENGINEERING RELATED, OTHER
141211	INSTRUMENTATION PHYSICS 1
141212	INSTRUMENTATION PHYSICS 2
141213	INSTRUMENTATION PHYSICS 3
141214	INSTRUMENTATION PHYSICS 4
141300	ENGINEERING SCIENCE, OTHER
141400	ENVIRONMENTAL HEALTH ENGINEERING, OTHER
141500	GEOLOGICAL ENGINEERING, OTHER
141600	GEOPHYSICAL ENGINEERING, OTHER
141700	INDUSTRIAL ENGINEERING, OTHER
141800	MATERIALS ENGINEERING, OTHER
141900	MECHANICAL ENGINEERING, OTHER
141911	STRENGTH OF MATERIALS, MECHANICAL TECHNOLOGY
142000	METALLURGICAL ENGINEERING, OTHER
142011	METALLURGY/POWDER METAL BASICS
142100	MINING AND MINERAL ENGINEERING, OTHER
142200	NAVAL ARCHITECTURE AND MARINE ENGINEERING, OTHER
142300	NUCLEAR ENGINEERING, OTHER
142400	OCEAN ENGINEERING, OTHER
142500	PETROLEUM ENGINEERING, OTHER
142600	SURVEYING AND MAPPING SCIENCES, OTHER
142611	CARTOGRAPHY

CSSC CODE	TITLE
142700	SYSTEMS ENGINEERING, OTHER
142800	TEXTILE ENGINEERING, OTHER
149900	ENGINEERING, OTHER
260100	BIOLOGY, OTHER GENERAL
260111	SCIENCE 7
260121	BIOLOGY, BASIC 1
260122	BIOLOGY, BASIC 2
260131	BIOLOGY, GENERAL 1
260132	BIOLOGY, GENERAL 2
260141	BIOLOGY, HONORS 1
260142	BIOLOGY, ADVANCED
260143	PRE-IB BIOLOGY
260144	IB BIOLOGY 2
260145	IB BIOLOGY 3
260146	AP BIOLOGY
260151	FIELD BIOLOGY
260161	GENETICS
260171	BIOPSYCHOLOGY
260181	BIOLOGY SEMINAR
260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER
260211	BIOCHEMISTRY
260300	BOTANY, OTHER
260311	BOTANY
260400	CELL AND MOLECULAR BIOLOGY, OTHER
260411	CELL BIOLOGY
260500	MICROBIOLOGY, OTHER
260511	MICROBIOLOGY
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER
260611	ECOLOGY
260621	MARINE BIOLOGY
260622	MARINE BIOLOGY, ADVANCED
260631	ANATOMY
260700	ZOOLOGY, OTHER
260711	ZOOLOGY
260721	ZOOLOGY, VERTEBRATE
260731	ZOOLOGY, INVERTEBRATE
260741	ANIMAL BEHAVIOR
260751	PHYSIOLOGY, HUMAN
260752	PHYSIOLOGY, ADVANCED
260761	PATHOLOGY
260771	COMPARATIVE EMBRYOLOGY
269900	LIFE SCIENCES, OTHER
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER
300111	SCIENCE, UNIFIED
300112	COLLEGE PRE-SCIENCE SKILLS
300113	UNIFIED SCIENCE, ADVANCED
300121	SCIENCE STUDY, INDEPENDENT
300300	ENGINEERING AND OTHER DISCIPLINES, OTHER
300311	ENGINEERING CONCEPTS
300623	IB ENVIRONMENTAL STUDIES
400100	PHYSICAL SCIENCES, OTHER GENERAL
400111	SCIENCE 8
400121	PHYSICAL SCIENCE
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES
400141	PHYSICAL SCIENCE, APPLIED
400200	ASTRONOMY, OTHER
400211	ASTRONOMY
400300	ASTROPHYSICS, OTHER
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER
400411	METEOROLOGY
400500	CHEMISTRY, OTHER
400511	CHEMISTRY, INTRODUCTORY
400521	CHEMISTRY 1
400522	CHEMISTRY 2
400523	PRE-IB CHEMISTRY 1
400524	IB CHEMISTRY 2
400525	IB CHEMISTRY 3
400526	AP CHEMISTRY
400531	ORGANIC CHEMISTRY
400541	PHYSICAL CHEMISTRY
400551	CONSUMER CHEMISTRY

CSSC CODE	TITLE
400561	CHEMISTRY, INDEPENDENT STUDY
400600	GEOLOGICAL SCIENCES, OTHER
400611	EARTH SCIENCE
400621	EARTH SCIENCE, COLLEGE PREPARATORY
400622	AP ENVIRONMENTAL SCIENCE
400631	GEOLOGY
400632	GEOLOGY - FIELD STUDIES
400641	MINERALOGY
400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER
400711	OCEANOGRAPHY
400800	PHYSICS, OTHER
400811	PHYSICS, GENERAL
400821	PHYSICS 1
400822	PHYSICS 2
400823	IB PHYSICS
400824	AP PHYSICS B
400825	AP PHYSICS C: MECHANICS
400826	AP PHYSICS C: ELECTRICITY/MAGNETISM
400831	PHYSICS 2 WITHOUT CALCULUS
400841	ELECTRICITY AND ELECTRONICS SCIENCE
400851	ACOUSTICS
400900	PLANETARY SCIENCE, OTHER
400911	ROCKETRY AND SPACE SCIENCE
401000	AEROSPACE SCIENCE, OTHER
401011	AEROSPACE SCIENCE
409900	PHYSICAL SCIENCES, OTHER
410211	RADIOACTIVITY
544001	FUNCTIONAL SCIENCE
544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
564000	SPECIAL EDUCATION GENERAL SCIENCE
564001	RESOURCE GENERAL SCIENCE
564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
STUB0210 - Survey	
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER
300111	SCIENCE, UNIFIED
300113	UNIFIED SCIENCE, ADVANCED
300121	SCIENCE STUDY, INDEPENDENT
300300	ENGINEERING AND OTHER DISCIPLINES, OTHER
300311	ENGINEERING CONCEPTS
400100	PHYSICAL SCIENCES, OTHER GENERAL
400111	SCIENCE 8
400121	PHYSICAL SCIENCE
400141	PHYSICAL SCIENCE, APPLIED
400611	EARTH SCIENCE
544001	FUNCTIONAL SCIENCE
544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
564000	SPECIAL EDUCATION GENERAL SCIENCE
564001	RESOURCE GENERAL SCIENCE
564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
STUB0220 - Biology	
260100	BIOLOGY, OTHER GENERAL
260111	SCIENCE 7
260121	BIOLOGY, BASIC 1
260122	BIOLOGY, BASIC 2
260131	BIOLOGY, GENERAL 1
260132	BIOLOGY, GENERAL 2
260141	BIOLOGY, HONORS 1
260142	BIOLOGY, ADVANCED
260143	PRE-IB BIOLOGY
260144	IB BIOLOGY 2
260145	IB BIOLOGY 3
260146	AP BIOLOGY
260151	FIELD BIOLOGY
260161	GENETICS
260171	BIOPSYCHOLOGY
260181	BIOLOGY SEMINAR
260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER

CSSC CODE	TITLE
260211	BIOCHEMISTRY
260300	BOTANY, OTHER
260311	BOTANY
260400	CELL AND MOLECULAR BIOLOGY, OTHER
260411	CELL BIOLOGY
260500	MICROBIOLOGY, OTHER
260511	MICROBIOLOGY
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER
260611	ECOLOGY
260621	MARINE BIOLOGY
260622	MARINE BIOLOGY, ADVANCED
260631	ANATOMY
260700	ZOOLOGY, OTHER
260711	ZOOLOGY
260721	ZOOLOGY, VERTEBRATE
260731	ZOOLOGY, INVERTEBRATE
260741	ANIMAL BEHAVIOR
260751	PHYSIOLOGY, HUMAN
260752	PHYSIOLOGY, ADVANCED
260761	PATHOLOGY
260771	COMPARATIVE EMBRYOLOGY
269900	LIFE SCIENCES, OTHER
STUB0221 - AP/IB/Honors Biology	
260141	BIOLOGY, HONORS 1
260142	BIOLOGY, ADVANCED
260143	PRE-IB BIOLOGY
260144	IB BIOLOGY 2
260145	IB BIOLOGY 3
260146	AP BIOLOGY
260622	MARINE BIOLOGY, ADVANCED
260752	PHYSIOLOGY, ADVANCED
STUB0230 - Chemistry	
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES
400500	CHEMISTRY, OTHER
400511	CHEMISTRY, INTRODUCTORY
400521	CHEMISTRY 1
400522	CHEMISTRY 2
400523	PRE-IB CHEMISTRY 1
400524	IB CHEMISTRY 2
400525	IB CHEMISTRY 3
400526	AP CHEMISTRY
400531	ORGANIC CHEMISTRY
400541	PHYSICAL CHEMISTRY
400551	CONSUMER CHEMISTRY
400561	CHEMISTRY, INDEPENDENT STUDY
STUB0231 - AP/IB/Honors Chemistry	
400522	CHEMISTRY 2
400523	PRE-IB CHEMISTRY 1
400524	IB CHEMISTRY 2
400525	IB CHEMISTRY 3
400526	AP CHEMISTRY
STUB0240 - Physics	
140100	ENGINEERING, OTHER GENERAL
140111	ORIENTATION TO ENGINEERING
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER
140221	AEROSPACE ENGINEERING DESIGN
140300	AGRICULTURAL ENGINEERING, OTHER
140400	ARCHITECTURAL ENGINEERING, OTHER

CSSC CODE	TITLE
140500	BIOENGINEERING AND BIOMEDICAL ENGINEERING, OTHER
140600	CERAMIC ENGINEERING, OTHER
140700	CHEMICAL ENGINEERING, OTHER
140800	CIVIL ENGINEERING, OTHER
140900	COMPUTER ENGINEERING, OTHER
141000	ELECTRICAL, ELECTRONICS AND COMMUNICATIONS ENGINEERING, OTHER
141100	ENGINEERING MECHANICS, OTHER
141200	ENGINEERING RELATED, OTHER
141211	INSTRUMENTATION PHYSICS 1
141212	INSTRUMENTATION PHYSICS 2
141213	INSTRUMENTATION PHYSICS 3
141214	INSTRUMENTATION PHYSICS 4
141300	ENGINEERING SCIENCE, OTHER
141400	ENVIRONMENTAL HEALTH ENGINEERING, OTHER
141500	GEOLOGICAL ENGINEERING, OTHER
141600	GEOPHYSICAL ENGINEERING, OTHER
141700	INDUSTRIAL ENGINEERING, OTHER
141800	MATERIALS ENGINEERING, OTHER
141900	MECHANICAL ENGINEERING, OTHER
141911	STRENGTH OF MATERIALS, MECHANICAL TECHNOLOGY
142000	METALLURGICAL ENGINEERING, OTHER
142100	MINING AND MINERAL ENGINEERING, OTHER
142200	NAVAL ARCHITECTURE AND MARINE ENGINEERING, OTHER
142300	NUCLEAR ENGINEERING, OTHER
142400	OCEAN ENGINEERING, OTHER
142500	PETROLEUM ENGINEERING, OTHER
400200	ASTRONOMY, OTHER
400211	ASTRONOMY
400300	ASTROPHYSICS, OTHER
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER
400411	METEOROLOGY
400800	PHYSICS, OTHER
400811	PHYSICS, GENERAL
400821	PHYSICS 1
400822	PHYSICS 2
400823	IB PHYSICS
400824	AP PHYSICS B
400825	AP PHYSICS C: MECHANICS
400826	AP PHYSICS C: ELECTRICITY/MAGNETISM
400831	PHYSICS 2 WITHOUT CALCULUS
400841	ELECTRICITY AND ELECTRONICS SCIENCE
400851	ACOUSTICS
400900	PLANETARY SCIENCE, OTHER
400911	ROCKETRY AND SPACE SCIENCE
401000	AEROSPACE SCIENCE, OTHER
401011	AEROSPACE SCIENCE
STUB0241 - AP/IB/Honors Physics	
140111	ORIENTATION TO ENGINEERING
140221	AEROSPACE ENGINEERING DESIGN
141212	INSTRUMENTATION PHYSICS 2
141213	INSTRUMENTATION PHYSICS 3
141214	INSTRUMENTATION PHYSICS 4
400822	PHYSICS 2
400823	IB PHYSICS
400824	AP PHYSICS B
400825	AP PHYSICS C: MECHANICS
400826	AP PHYSICS C: ELECTRICITY/MAGNETISM
400831	PHYSICS 2 WITHOUT CALCULUS
STUB0250 - Engineering	
140211	AEROSPACE MATERIALS
140411	STRENGTH OF MATERIALS - ARCHITECTURAL
142011	METALLURGY/POWDER METAL BASICS

CSSC CODE	TITLE
142600	SURVEYING AND MAPPING SCIENCES, OTHER
142611	CARTOGRAPHY
142700	SYSTEMS ENGINEERING, OTHER
142800	TEXTILE ENGINEERING, OTHER
149900	ENGINEERING, OTHER
300112	COLLEGE PRE-SCIENCE SKILLS
400600	GEOLOGICAL SCIENCES, OTHER
400621	EARTH SCIENCE, COLLEGE PREPARATORY
400631	GEOLOGY
400632	GEOLOGY - FIELD STUDIES
400641	MINERALOGY
400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER
400711	OCEANOGRAPHY
409900	PHYSICAL SCIENCES, OTHER
410211	RADIOACTIVITY
STUB0260 - Astronomy	
400200	ASTRONOMY, OTHER
400211	ASTRONOMY
400300	ASTROPHYSICS, OTHER
STUB0270 - Geology/Earth Science	
300623	IB ENVIRONMENTAL STUDIES
400600	GEOLOGICAL SCIENCES, OTHER
400611	EARTH SCIENCE
400621	EARTH SCIENCE, COLLEGE PREPARATORY
400622	AP ENVIRONMENTAL SCIENCE
400631	GEOLOGY
400632	GEOLOGY - FIELD STUDIES
400641	MINERALOGY
STUB0300 - English	
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER
090411	JOURNALISM 1
090412	JOURNALISM 2
090413	JOURNALISM 3
090421	JOURNALISM INVESTIGATIONS
090431	LITERARY MAGAZINE
230100	ENGLISH, OTHER GENERAL
230101	ENGLISH 7
230102	ENGLISH 7, HONORS
230103	ENGLISH 8, BELOW GRADE LEVEL
230104	ENGLISH 8
230105	ENGLISH 8, HONORS
230106	ENGLISH 1, BELOW GRADE LEVEL
230107	ENGLISH 1
230108	ENGLISH 1, HONORS
230109	ENGLISH 2, BELOW GRADE LEVEL
230110	ENGLISH 2
230111	ENGLISH 2, HONORS
230112	ENGLISH 3, BELOW GRADE LEVEL
230113	ENGLISH 3
230114	ENGLISH 3, HONORS
230115	ENGLISH 4, BELOW GRADE LEVEL
230116	ENGLISH 4
230117	ENGLISH 4, HONORS
230118	WORLD LITERATURE
230119	RENAISSANCE LITERATURE
230120	ROMANTICISM
230121	REALISM
230122	LITERATURE, CONTEMPORARY
230123	IRISH LITERATURE
230124	RUSSIAN LITERATURE
230125	BIBLE AS LITERATURE
230126	MYTHOLOGY AND FABLE
230127	DRAMA, INTRODUCTION
230128	WORLD DRAMA

CSSC CODE	TITLE
230129	PLAYS, MODERN SURVEY
230130	NOVELS
230131	SHORT STORY
230132	MYSTERIES
230133	POETRY
230134	ROCK POETRY
230135	HUMOR
230136	BIOGRAPHY
230137	NON FICTION
230138	SCIENCE FICTION
230139	THEMES IN LITERATURE
230140	LITERATURE OF HUMAN VALUES
230141	ETHNIC LITERATURE
230142	WOMEN IN LITERATURE
230143	SPORTS THROUGH LITERATURE
230144	OCCULT LITERATURE
230145	PROTEST LITERATURE
230146	YOUTH AND LITERATURE
230147	HEROES
230148	UTOPIAS
230149	DEATH
230150	NOBEL PRIZE AUTHORS
230151	SEMINAR ON AN AUTHOR
230152	ENGLISH, REAL LIFE PROBLEM SOLVING
230153	READING, INDEPENDENT STUDY
230154	RESEARCH TECHNIQUE
230155	CHILDREN'S LITERATURE & FANTASY
230161	ENGLISH SKILLS 1 FOR VISUALLY IMPAIRED
230162	ENGLISH SKILLS 2 FOR VISUALLY IMPAIRED
230163	ENGLISH SKILLS 3 FOR VISUALLY IMPAIRED
230164	ENGLISH SKILLS 4 FOR VISUALLY IMPAIRED
230165	PRE-IB ENGLISH 1 (GRADE 9)
230166	PRE-IB ENGLISH 2 (GRADE 10)
230167	PRE-IB ENGLISH 3 (GRADE 11)
230168	IB ENGLISH 4 (GRADE 11 OR 12)
230169	IB ENGLISH 5 (GRADE 12)
230170	AP ENGLISH LANGUAGE AND COMPOSITION
230171	AP ENGLISH LITERATURE AND COMPOSITION
230200	CLASSICS, OTHER
230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN
230300	COMPARATIVE LITERATURE, OTHER
230311	COMPARATIVE LITERATURE
230321	LATIN AMERICAN AUTHORS/LITERATURE
230400	COMPOSITION, OTHER
230401	COMPOSITION, EXPOSITORY
230402	WRITING LABORATORY
230403	WRITING ABOUT LITERATURE
230404	VOCABULARY
230405	SPELLING
230406	GRAMMAR 7
230407	GRAMMAR 8
230408	GRAMMAR 9
230409	GRAMMAR 10
230410	GRAMMAR 11
230411	GRAMMAR 12
230412	ETYMOLOGY
230415	WORD STUDY - REMEDIAL
230500	CREATIVE WRITING, OTHER
230511	CREATIVE WRITING 10
230512	CREATIVE WRITING 11
230513	CREATIVE WRITING 12
230521	CREATIVE WRITING, INDEPENDENT STUDY
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER
230611	LINGUISTICS
230700	LITERATURE, AMERICAN, OTHER
230711	AMERICAN LITERATURE
230721	BLACK LITERATURE
230731	AMERICAN DREAM IN LITERATURE
230741	FOLKLORE, AMERICAN
230751	INDIAN LITERATURE
230761	STATE WRITERS
230771	WESTERN LITERATURE

CSSC CODE	TITLE
230781	MEXICAN AMERICAN LITERATURE
230800	LITERATURE, ENGLISH, OTHER
230811	BRITISH LITERATURE SURVEY
230821	SHAKESPEARE
230831	MODERN BRITISH WRITERS
230841	VICTORIAN LITERATURE
230851	SATIRE, MODERN BRITISH
230861	ARTHURIAN LEGEND
230871	MEDIEVAL LITERATURE
230900	RHETORIC, OTHER
231000	SPEECH, DEBATE, AND FORENSICS, OTHER
231011	PUBLIC SPEAKING
231021	SPEECH 1
231022	SPEECH 2
231023	SPEECH 3
231031	DEBATE PRACTICUM CONTRACT
231100	TECHNICAL AND BUSINESS WRITING, OTHER
231111	TECHNICAL ENGLISH
231211	READING DEVELOPMENT 1
231212	READING DEVELOPMENT 2
231213	READING DEVELOPMENT 3
231214	READING DEVELOPMENT 4
231216	ADVANCED READING AND STUDY SKILLS
231311	FUNCTIONAL ENGLISH 1
231312	FUNCTIONAL ENGLISH 2
231313	FUNCTIONAL ENGLISH 3
231314	FUNCTIONAL ENGLISH 4
239900	LETTERS/ENGLISH, OTHER
320109	READING DEVELOPMENT 1 (CHANGED TO 231211)
320110	READING DEVELOPMENT 2 (CHANGED TO 231212)
320112	SPEECH DEVELOPMENT (CHANGED TO 569401)
320113	LANGUAGE, DEVELOPMENTAL (CHANGED TO 160125 OR 231311-231314)
320114	VOICE, DEVELOPMENTAL (CHANGED TO 569401)
320115	WORD STUDY, REMEDIAL (CHANGED TO 230415)
320118	ENGLISH, FUNCTIONAL (CHANGED TO 231311-231314)
542011	FUNCTIONAL LANGUAGE ARTS 1
542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT
542021	FUNCTIONAL LANGUAGE ARTS 2
542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT
542031	FUNCTIONAL LANGUAGE ARTS 3
542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT
542041	FUNCTIONAL LANGUAGE ARTS 4
542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT
542051	FUNCTIONAL VOCATIONAL ENGLISH
542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT
542101	FUNCTIONAL READING
542109	FUNCTIONAL READING, NOT FOR CREDIT
542201	FUNCTIONAL ORAL COMMUNICATION
542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT
542301	FUNCTIONAL WRITING
542309	FUNCTIONAL WRITING, NOT FOR CREDIT
542401	FUNCTIONAL ACADEMICS
542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT
562300	SPECIAL EDUCATION LANGUAGE ARTS
562301	RESOURCE LANGUAGE ARTS/ENGLISH
562302	DEVELOPMENTAL ENGLISH 2/RESOURCE ESE AAP ENGLISH 2
562303	DEVELOPMENTAL ENGLISH 3/RESOURCE ESE AAP ENGLISH 3
562304	DEVELOPMENTAL ENGLISH 4/RESOURCE ESE AAP ENGLISH 4
562309	RESOURCE LANGUAGE ARTS/ENGLISH, NOT FOR CREDIT
562310	SPECIAL EDUCATION READING
562311	RESOURCE READING
562319	RESOURCE READING, NOT FOR CREDIT
562320	SPECIAL EDUCATION WRITING
562321	RESOURCE WRITING
562329	RESOURCE WRITING, NOT FOR CREDIT

CSSC CODE	TITLE
STUB0310 - Survey English	
230100	ENGLISH, OTHER GENERAL
230101	ENGLISH 7
230102	ENGLISH 7, HONORS
230103	ENGLISH 8, BELOW GRADE LEVEL
230104	ENGLISH 8
230105	ENGLISH 8, HONORS
230106	ENGLISH 1, BELOW GRADE LEVEL
230107	ENGLISH 1
230108	ENGLISH 1, HONORS
230109	ENGLISH 2, BELOW GRADE LEVEL
230110	ENGLISH 2
230111	ENGLISH 2, HONORS
230112	ENGLISH 3, BELOW GRADE LEVEL
230113	ENGLISH 3
230114	ENGLISH 3, HONORS
230115	ENGLISH 4, BELOW GRADE LEVEL
230116	ENGLISH 4
230117	ENGLISH 4, HONORS
230161	ENGLISH SKILLS 1 FOR VISUALLY IMPAIRED
230162	ENGLISH SKILLS 2 FOR VISUALLY IMPAIRED
230163	ENGLISH SKILLS 3 FOR VISUALLY IMPAIRED
230164	ENGLISH SKILLS 4 FOR VISUALLY IMPAIRED
230165	PRE-IB ENGLISH 1 (GRADE 9)
230166	PRE-IB ENGLISH 2 (GRADE 10)
230167	PRE-IB ENGLISH 3 (GRADE 11)
230168	IB ENGLISH 4 (GRADE 11 OR 12)
230169	IB ENGLISH 5 (GRADE 12)
230404	VOCABULARY
230406	GRAMMAR 7
230407	GRAMMAR 8
230408	GRAMMAR 9
230409	GRAMMAR 10
230410	GRAMMAR 11
230411	GRAMMAR 12
230412	ETYMOLOGY
239900	LETTERS/ENGLISH, OTHER
STUB0320 - Literature	
230118	WORLD LITERATURE
230119	RENAISSANCE LITERATURE
230120	ROMANTICISM
230121	REALISM
230122	LITERATURE, CONTEMPORARY
230123	IRISH LITERATURE
230124	RUSSIAN LITERATURE
230125	BIBLE AS LITERATURE
230126	MYTHOLOGY AND FABLE
230127	DRAMA, INTRODUCTION
230128	WORLD DRAMA
230129	PLAYS, MODERN SURVEY
230130	NOVELS
230131	SHORT STORY
230132	MYSTERIES
230133	POETRY
230134	ROCK POETRY
230135	HUMOR
230136	BIOGRAPHY
230137	NON FICTION
230138	SCIENCE FICTION
230139	THEMES IN LITERATURE
230140	LITERATURE OF HUMAN VALUES
230141	ETHNIC LITERATURE
230142	WOMEN IN LITERATURE
230143	SPORTS THROUGH LITERATURE
230144	OCCULT LITERATURE
230145	PROTEST LITERATURE
230146	YOUTH AND LITERATURE
230147	HEROES

CSSC CODE	TITLE
230148	UTOPIAS
230149	DEATH
230150	NOBEL PRIZE AUTHORS
230151	SEMINAR ON AN AUTHOR
230152	ENGLISH, REAL LIFE PROBLEM SOLVING
230153	READING, INDEPENDENT STUDY
230154	RESEARCH TECHNIQUE
230155	CHILDREN'S LITERATURE & FANTASY
230171	AP ENGLISH LITERATURE AND COMPOSITION
230200	CLASSICS, OTHER
230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN
230300	COMPARATIVE LITERATURE, OTHER
230311	COMPARATIVE LITERATURE
230321	LATIN AMERICAN AUTHORS/LITERATURE
230700	LITERATURE, AMERICAN, OTHER
230711	AMERICAN LITERATURE
230721	BLACK LITERATURE
230731	AMERICAN DREAM IN LITERATURE
230741	FOLKLORE, AMERICAN
230751	INDIAN LITERATURE
230761	STATE WRITERS
230771	WESTERN LITERATURE
230781	MEXICAN AMERICAN LITERATURE
230800	LITERATURE, ENGLISH, OTHER
230811	BRITISH LITERATURE SURVEY
230821	SHAKESPEARE
230831	MODERN BRITISH WRITERS
230841	VICTORIAN LITERATURE
230851	SATIRE, MODERN BRITISH
230861	ARTHURIAN LEGEND
230871	MEDIEVAL LITERATURE
231216	ADVANCED READING AND STUDY SKILLS
STUB0330 - Composition	
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER
090411	JOURNALISM 1
090412	JOURNALISM 2
090413	JOURNALISM 3
090421	JOURNALISM INVESTIGATIONS
090431	LITERARY MAGAZINE
230170	AP ENGLISH LANGUAGE AND COMPOSITION
230171	AP ENGLISH LITERATURE AND COMPOSITION
230400	COMPOSITION, OTHER
230401	COMPOSITION, EXPOSITORY
230402	WRITING LABORATORY
230403	WRITING ABOUT LITERATURE
230500	CREATIVE WRITING, OTHER
230511	CREATIVE WRITING 10
230512	CREATIVE WRITING 11
230513	CREATIVE WRITING 12
230521	CREATIVE WRITING, INDEPENDENT STUDY
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER
230611	LINGUISTICS
230900	RHETORIC, OTHER
231100	TECHNICAL AND BUSINESS WRITING, OTHER
231111	TECHNICAL ENGLISH
STUB0340 - Speech	
231000	SPEECH, DEBATE, AND FORENSICS, OTHER
231011	PUBLIC SPEAKING
231021	SPEECH 1
231022	SPEECH 2
231023	SPEECH 3
231031	DEBATE PRACTICUM CONTRACT
542201	FUNCTIONAL ORAL COMMUNICATION
542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT

CSSC CODE	TITLE
STUB0350 - AP/IB/Honors English	
230117	ENGLISH 4, HONORS
230165	PRE-IB ENGLISH 1 (GRADE 9)
230166	PRE-IB ENGLISH 2 (GRADE 10)
230167	PRE-IB ENGLISH 3 (GRADE 11)
230168	IB ENGLISH 4 (GRADE 11 OR 12)
230169	IB ENGLISH 5 (GRADE 12)
230170	AP ENGLISH LANGUAGE AND COMPOSITION
230171	AP ENGLISH LITERATURE AND COMPOSITION
STUB0360 - Any Remedial/Below Grade English	
230103	ENGLISH 8, BELOW GRADE LEVEL
230106	ENGLISH 1, BELOW GRADE LEVEL
230109	ENGLISH 2, BELOW GRADE LEVEL
230112	ENGLISH 3, BELOW GRADE LEVEL
230115	ENGLISH 4, BELOW GRADE LEVEL
230405	SPELLING
230415	WORD STUDY - REMEDIAL
231211	READING DEVELOPMENT 1
231212	READING DEVELOPMENT 2
231213	READING DEVELOPMENT 3
231214	READING DEVELOPMENT 4
231311	FUNCTIONAL ENGLISH 1
231312	FUNCTIONAL ENGLISH 2
231313	FUNCTIONAL ENGLISH 3
231314	FUNCTIONAL ENGLISH 4
320109	READING DEVELOPMENT 1 (CHANGED TO 231211)
320110	READING DEVELOPMENT 2 (CHANGED TO 231212)
320112	SPEECH DEVELOPMENT (CHANGED TO 569401)
320113	LANGUAGE, DEVELOPMENTAL (CHANGED TO 160125 OR 231311-231314)
320114	VOICE, DEVELOPMENTAL (CHANGED TO 569401)
320115	WORD STUDY, REMEDIAL (CHANGED TO 230415)
320118	ENGLISH, FUNCTIONAL (CHANGED TO 231311-231314)
542011	FUNCTIONAL LANGUAGE ARTS 1
542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT
542021	FUNCTIONAL LANGUAGE ARTS 2
542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT
542031	FUNCTIONAL LANGUAGE ARTS 3
542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT
542041	FUNCTIONAL LANGUAGE ARTS 4
542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT
542051	FUNCTIONAL VOCATIONAL ENGLISH
542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT
542101	FUNCTIONAL READING
542109	FUNCTIONAL READING, NOT FOR CREDIT
542301	FUNCTIONAL WRITING
542309	FUNCTIONAL WRITING, NOT FOR CREDIT
542401	FUNCTIONAL ACADEMICS
542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT
562300	SPECIAL EDUCATION LANGUAGE ARTS
562301	RESOURCE LANGUAGE ARTS/ENGLISH
562302	DEVELOPMENTAL ENGLISH 2/RESOURCE ESE AAP ENGLISH 2
562303	DEVELOPMENTAL ENGLISH 3/RESOURCE ESE AAP ENGLISH 3
562304	DEVELOPMENTAL ENGLISH 4/RESOURCE ESE AAP ENGLISH 4
562309	RESOURCE LANGUAGE ARTS/ENGLISH, NOT FOR CREDIT
562310	SPECIAL EDUCATION READING
562311	RESOURCE READING
562319	RESOURCE READING, NOT FOR CREDIT
562320	SPECIAL EDUCATION WRITING
562321	RESOURCE WRITING
562329	RESOURCE WRITING, NOT FOR CREDIT

CSSC CODE	TITLE
STUB0400 - Social Studies	
050100	AREA STUDIES, OTHER
050101	AREA STUDIES
050102	AMERICAN STUDIES, BASIC
050103	AMERICAN STUDIES, GENERAL
050104	AMERICA'S PEOPLE AND PROBLEMS
050105	AMERICAN STUDIES, HONORS
050106	NEW ENGLAND STUDIES
050107	OLD SOUTH
050108	AMERICAN WEST
050109	SOUTHWEST UNITED STATES
050110	ANGLO AMERICA
050111	NORTH AMERICA AND CURRENT EVENTS
050112	NORTH AND SOUTH AMERICA
050113	LATIN AMERICA
050114	WORLD STUDIES 1
050115	WORLD STUDIES 2
050116	WORLD STUDIES, HONORS
050117	COMPARATIVE WORLD CULTURES
050118	EUROPEAN CULTURE STUDIES, BASIC
050119	EUROPEAN CULTURE STUDIES, GENERAL
050120	EUROPEAN CULTURE STUDIES, HONORS
050121	DEVELOPING NATIONS
050122	AFRICAN AREA STUDIES
050123	AFRICA AND SOUTH AMERICA
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
050127	ASIAN STUDIES
050128	HISTORY OF CHINA
050129	ASIA, AFRICA AND MIDEAST
050130	AFRICA AND MIDDLE EAST
050131	MIDDLE EASTERN STUDIES
050132	MIDDLE EAST, WAR FOR SURVIVAL
050133	U S S R
050134	SOVIET UNION AND CHINA
050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS
050136	HISTORY OF RUSSIA
050137	NEGLECTED WORLD
050138	GLOBAL EDUCATION
050139	PACIFIC RIM NATIONS
050140	CANADIAN AREA STUDIES
050200	ETHNIC STUDIES, OTHER
050211	MINORITIES IN AMERICA
050221	ETHNIC AND FAMILY HERITAGE
050231	AFRO AMERICAN STUDIES
050241	ECONOMICS OF AFRO AMERICANS
050251	INDIANS OF NORTH AMERICA
050261	JEWISH HISTORICAL SIGNIFICANCE
050271	MEXICAN AMERICAN HERITAGE
050281	HAWAIIANA
050291	HAWAIIAN CULTURE STUDIES, MODERN
059900	AREA AND ETHNIC STUDIES, OTHER
090100	COMMUNICATIONS, OTHER GENERAL
090111	MASS MEDIA
090121	INTERCULTURAL COMMUNICATIONS
090300	COMMUNICATIONS RESEARCH, OTHER
090500	PUBLIC RELATIONS, OTHER
090721	TELEVISION AND TASTE
099900	COMMUNICATIONS, OTHER
130100	EDUCATION, OTHER GENERAL
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER
130300	CURRICULUM AND INSTRUCTION, OTHER
130400	EDUCATION ADMINISTRATION, OTHER
130500	EDUCATIONAL MEDIA, OTHER
130600	EVALUATION AND RESEARCH, OTHER
130700	INTERNATIONAL AND COMPARATIVE EDUCATION, OTHER
130800	SCHOOL PSYCHOLOGY, OTHER
130900	SOCIAL FOUNDATIONS, OTHER
131000	SPECIAL EDUCATION, OTHER
131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER
131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER
131201	TEACHER TRAINING (LECTURE AND OBERVATION)
131202	TEACHER TRAINING (ACTIVE PRACTICE / PRACTICUM)
131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER
131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER
139900	EDUCATION, OTHER
220100	LAW, OTHER
220111	LAW FUNDAMENTALS
220121	LAW AND YOU
220131	STREET LAW
240100	LIBERAL/GENERAL STUDIES, OTHER
240111	LIBERAL STUDIES
240141	GIFTED AND TALENTED PROGRAM
300200	CLINICAL PASTORAL CARE, OTHER
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER
300411	HUMANITIES
300421	HUMANITIES, EUROPEAN
300431	HUMANITIES, AMERICAN
300441	HUMANITIES, AFRICAN
300451	HUMANITIES, NEAR EAST AND FAR EAST
300500	PEACE STUDIES, OTHER
300600	SYSTEMS SCIENCE, OTHER
300611	FUTURISTICS
300621	ENVIRONMENTAL SCIENCE
300622	UNUSED CODE
300631	ENERGY AND ENVIRONMENT
300700	WOMEN'S STUDIES, OTHER
300711	WOMEN'S STUDIES
300721	WOMEN'S STUDIES IN LITERATURE
309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER
320119	CONTEMPORARY ISSUES, BASIC SKILLS (CHANGED TO 451033)
330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)
380100	PHILOSOPHY, OTHER
380111	PHILOSOPHY
380121	ETHICS
380131	LOGIC
380141	EPISTEMICS
380142	IB THEORY OF KNOWLEDGE
380151	SOCIAL JUSTICE ISSUES
420100	PSYCHOLOGY, OTHER GENERAL
420111	PSYCHOLOGY
420112	PSYCHOLOGY, ADVANCED
420113	ABNORMAL PSYCHOLOGY
420114	AP PSYCHOLOGY
420115	IB PSYCHOLOGY
420200	CLINICAL PSYCHOLOGY, OTHER
420300	COGNITIVE PSYCHOLOGY, OTHER
420311	PSYCHOLOGY OF LEARNING
420321	EDUCATIONAL PSYCHOLOGY
420400	COMMUNITY PSYCHOLOGY, OTHER
420500	COMPARATIVE PSYCHOLOGY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
420711	CHILD PSYCHOLOGY
420721	ADOLESCENT PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY
420800	EXPERIMENTAL PSYCHOLOGY, OTHER
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
421000	PERSONALITY PSYCHOLOGY, OTHER
421011	HISTORICAL PERSONALITIES AND IDEAS
421021	HUMANISTIC PSYCHOLOGY
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
421200	PSYCHOLINGUISTICS, OTHER
421300	PSYCHOMETRICS, OTHER

CSSC CODE	TITLE
421400	PSYCHOPHARMACOLOGY, OTHER
421411	PSYCHOPHARMACOLOGY
421500	QUANTITATIVE PSYCHOLOGY, OTHER
421600	SOCIAL PSYCHOLOGY, OTHER
421611	SOCIAL PSYCHOLOGY
429900	PSYCHOLOGY, OTHER
430100	CRIMINAL JUSTICE, OTHER
430111	LAW ENFORCEMENT
430121	LAW SCIENCE
430200	FIRE PROTECTION, OTHER
430211	FIRE FIGHTING PRACTICES
439900	PROTECTIVE SERVICES, OTHER
440100	PUBLIC AFFAIRS, OTHER GENERAL
440200	COMMUNITY SERVICES, OTHER
440300	INTERNATIONAL PUBLIC SERVICE, OTHER
440400	PUBLIC ADMINISTRATION, OTHER
440500	PUBLIC POLICY STUDIES, OTHER
440600	PUBLIC WORKS, OTHER
440700	SOCIAL WORK, OTHER
440711	HUMAN SERVICES
449900	PUBLIC AFFAIRS, OTHER
450100	SOCIAL SCIENCES, OTHER GENERAL
450111	SOCIAL SCIENCE, INTRODUCTION
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH
450131	SOCIAL SCIENCE SEMINAR
450141	SOCIAL STUDIES, INDEPENDENT STUDY
450200	ANTHROPOLOGY, OTHER
450211	ANTHROPOLOGY
450221	COMPARATIVE CULTURAL PATTERNS
450231	ANTHROPOLOGY, MYTH AND MAGIC
450241	CULTURAL ANTHROPOLOGY, RESEARCH
450300	ARCHAEOLOGY, OTHER
450311	ARCHAEOLOGY
450400	CRIMINOLOGY, OTHER
450500	DEMOGRAPHY, OTHER
450511	POPULATION EDUCATION
450600	ECONOMICS, OTHER
450601	ECONOMICS, THEORY
450602	ECONOMICS AND ECONOMIC PROBLEMS
450603	CONSUMER ECONOMICS
450605	INSURANCE THEORY
450606	INVESTMENT ECONOMICS
450607	TELEVISION AND ECONOMICS
450608	ENERGY EDUCATION
450609	AMERICAN LABOR HISTORY
450610	ECONOMICS, ANALYSIS AND CRITICISM
450611	ECONOMICS, COLLEGE
450612	INTERNATIONAL ECONOMICS
450613	AP MICROECONOMICS
450614	AP MACROECONOMICS
450615	IB MICROECONOMICS
450616	IB MACROECONOMICS
450700	GEOGRAPHY, OTHER
450701	GEOGRAPHY 8
450702	GEOGRAPHY, UNITED STATES
450703	GEOGRAPHY, NORTH AMERICAN
450704	WORLD GEOGRAPHY
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
450706	GEOGRAPHY, EASTERN HEMISPHERE
450707	PHYSICAL GEOGRAPHY
450708	ECONOMIC AND POLITICAL GEOGRAPHY
450709	HUMAN AND CULTURAL GEOGRAPHY
450710	FIELD GEOGRAPHY, HONORS
450711	IB WORLD GEOGRAPHY
450712	AP HUMAN GEOGRAPHY
450800	HISTORY, OTHER
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450803	SOCIAL STUDIES 7, HONORS
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450806	SOCIAL STUDIES 8, HONORS
450807	UNITED STATES HISTORY, STATE AND LOCAL

CSSC CODE	TITLE
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT (CHANGED TO 450814)
450809	AMERICAN HISTORY, BASIC
450810	AMERICAN HISTORY
450811	UNITED STATES HISTORY 1
450812	UNITED STATES HISTORY 2
450813	UNITED STATES HISTORY, HONORS
450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450815	WESTWARD MOVEMENT
450816	TWENTIETH CENTURY AMERICA
450817	TWENTIES AND THIRTIES
450818	AMERICA SINCE 1945
450819	NINETEEN SIXTIES
450820	NINETEEN SEVENTIES
450821	REFORM IN AMERICAN HISTORY
450822	AMERICAN INQUIRIES
450823	HISTORIC EVENTS, UNITED STATES
450824	AMERICAN WARS, CAUSES AND EFFECTS
450825	CIVIL WAR
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM
450827	WAR AND MODERN CONSCIOUSNESS
450828	WORLD WAR II
450829	UNITED STATES MILITARY HISTORY 1
450830	UNITED STATES MILITARY HISTORY 2
450831	UNITED STATES HISTORY, FIELD STUDY
450832	NORTH AMERICAN HISTORY
450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY
450835	WORLD HISTORY STUDIES
450836	WORLD HISTORY, COLLEGE
450837	WORLD HISTORY, MODERN
450838	WORLD CIVILIZATION, 20TH CENTURY
450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS
450840	WESTERN CIVILIZATION 9
450841	WESTERN CIVILIZATION 9, HONORS
450842	WESTERN CIVILIZATION, HISTORY
450843	EARLY WESTERN CIVILIZATION
450844	ADVANCED PLACEMENT WORLD HISTORY
450845	ANCIENT AND CLASSICAL WORLD
450846	ANCIENT GREEK HISTORY
450847	ROME AND HER EMPIRE
450848	ANCIENT HISTORY AND MIDDLE AGES
450849	ENGLISH HISTORY
450850	ENGLISH HISTORY, HONORS
450851	FRENCH REVOLUTION, HONORS
450852	MODERN EUROPE
450853	ADVANCED PLACEMENT EUROPEAN HISTORY
450854	EUROPEAN HISTORY, 20TH CENTURY
450855	EUROPEAN HISTORY, ADVANCED READINGS
450856	EUROPEAN HISTORY, MODERN
450857	THIRD WORLD HISTORY
450858	AFRICAN HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450860	LATIN AMERICAN HISTORY
450861	MIDDLE EAST HISTORY
450862	ISRAEL, HISTORY
450863	EASTERN CIVILIZATION
450864	FAR EAST, HISTORY
450865	ASIAN HISTORY, MODERN
450866	PACIFIC LANDS, HISTORY
450867	RUSSIAN HISTORY
450868	WORLD LEADERS, PAST AND PRESENT
450869	HISTORICAL RESEARCH
450870	PRE-IB WORLD HISTORY
450871	IB HISTORY OF THE AMERICAS
450872	IB TWENTIETH CENTURY WORLD TOPICS
450873	IB HISTORY OF EUROPE
450874	PRE-IB US HISTORY
450900	INTERNATIONAL RELATIONS, OTHER
450911	INTERNATIONAL RELATIONS
450921	INTERNATIONAL RELATIONS, HONORS
450931	INTERNATIONAL LAW
450941	MODEL SECURITY COUNCIL, LOCAL

CSSC CODE	TITLE
450951	MODEL UNITED NATIONS, LOCAL
450952	MODEL UNITED NATIONS, NATIONAL
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER
451001	CIVICS
451002	STATE AND LOCAL GOVERNMENT
451003	GOVERNMENT, BASIC
451004	AMERICAN GOVERNMENT
451005	PRESIDENCY
451006	FRAMEWORK OF THE CONSTITUTION
451007	INDIVIDUAL VS. STATE
451008	NATIONAL STATE AND LOCAL ELECTIONS
451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451010	CONTEMPORARY WORLD AFFAIRS
451011	AMERICAN FOREIGN POLICY
451012	DECISION MAKING IN A CRISIS
451013	AMERICAN HERITAGE, HONORS
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC
451017	AMERICAN GOVERNMENT AND ECONOMICS
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
451020	COMPARATIVE WORLD GOVERNMENTS
451021	AMERICANISM VS. COMMUNISM
451022	AMERICANISM VS. COMMUNISM, HONORS
451023	COMMUNISM AND ITS GROWTH
451024	CIVICS, HONORS
451025	WRITINGS INFLUENCING GOVERNMENT
451026	GOVERNMENT INTERNSHIP
451027	MODEL SENATE
451028	POLITICAL LEADERSHIP
451029	POLITICAL SCIENCE
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
451032	POLITICAL TURMOIL
451033	CONTEMPORARY ISSUES, BASIC SKILLS
451034	PRE-IB AMERICAN GOVERNMENT/ECONOMICS
451035	AP AMERICAN GOVERNMENT AND POLITICS
451036	AP COMPARATIVE GOVERNMENT AND POLITICS
451037	IB AMERICAN GOVERNMENT
451100	SOCIOLOGY, OTHER
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
451121	SOCIOLOGY, GENERAL
451131	SOCIOLOGY, ISSUES
451132	THE POOR IN AMERICA
451141	MOBILITY IN SOCIETY
451151	VIOLENCE IN AMERICA
451161	DEATH AND DYING
451171	SOCIOLOGY, HONORS
451181	SOCIOLOGY, RESEARCH
451191	HOLOCAUST
451200	URBAN STUDIES, OTHER
451211	URBAN PROBLEMS
451221	URBAN ECOLOGY
451231	TECHNOLOGY AND URBANIZATION
459900	SOCIAL SCIENCES, OTHER
544501	FUNCTIONAL SOCIAL STUDIES
544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT
564500	SPECIAL EDUCATION SOCIAL STUDIES
564501	RESOURCE SOCIAL STUDIES
564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT
STUB0410 - American History	
320119	CONTEMPORARY ISSUES, BASIC SKILLS (CHANGED TO 451033)
330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)

CSSC CODE	TITLE
450800	HISTORY, OTHER
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450803	SOCIAL STUDIES 7, HONORS
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450806	SOCIAL STUDIES 8, HONORS
450807	UNITED STATES HISTORY, STATE AND LOCAL
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT (CHANNGED TO 450814)
450809	AMERICAN HISTORY, BASIC
450810	AMERICAN HISTORY
450811	UNITED STATES HISTORY 1
450812	UNITED STATES HISTORY 2
450813	UNITED STATES HISTORY, HONORS
450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450815	WESTWARD MOVEMENT
450816	TWENTIETH CENTURY AMERICA
450817	TWENTIES AND THIRTIES
450818	AMERICA SINCE 1945
450819	NINETEEN SIXTIES
450820	NINETEEN SEVENTIES
450821	REFORM IN AMERICAN HISTORY
450822	AMERICAN INQUIRIES
450823	HISTORIC EVENTS, UNITED STATES
450824	AMERICAN WARS, CAUSES AND EFFECTS
450825	CIVIL WAR
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM
450827	WAR AND MODERN CONSCIOUSNESS
450828	WORLD WAR II
450829	UNITED STATES MILITARY HISTORY 1
450830	UNITED STATES MILITARY HISTORY 2
450831	UNITED STATES HISTORY, FIELD STUDY
450832	NORTH AMERICAN HISTORY
450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY
450869	HISTORICAL RESEARCH
450874	PRE-IB US HISTORY
451033	CONTEMPORARY ISSUES, BASIC SKILLS
STUB0411 - AP/IB/Honors American History	
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT (CHANGED TO 450814)
450813	UNITED STATES HISTORY, HONORS
450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450874	PRE-IB US HISTORY
STUB0420 - World History	
450835	WORLD HISTORY STUDIES
450836	WORLD HISTORY, COLLEGE
450837	WORLD HISTORY, MODERN
450838	WORLD CIVILIZATION, 20TH CENTURY
450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS
450840	WESTERN CIVILIZATION 9
450841	WESTERN CIVILIZATION 9, HONORS
450842	WESTERN CIVILIZATION, HISTORY
450843	EARLY WESTERN CIVILIZATION
450844	ADVANCED PLACEMENT WORLD HISTORY
450845	ANCIENT AND CLASSICAL WORLD
450846	ANCIENT GREEK HISTORY
450847	ROME AND HER EMPIRE
450848	ANCIENT HISTORY AND MIDDLE AGES
450849	ENGLISH HISTORY
450850	ENGLISH HISTORY, HONORS
450851	FRENCH REVOLUTION, HONORS
450852	MODERN EUROPE
450853	ADVANCED PLACEMENT EUROPEAN HISTORY
450854	EUROPEAN HISTORY, 20TH CENTURY

CSSC CODE	TITLE
450855	EUROPEAN HISTORY, ADVANCED READINGS
450856	EUROPEAN HISTORY, MODERN
450857	THIRD WORLD HISTORY
450858	AFRICAN HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450860	LATIN AMERICAN HISTORY
450861	MIDDLE EAST HISTORY
450862	ISRAEL, HISTORY
450863	EASTERN CIVILIZATION
450864	FAR EAST, HISTORY
450865	ASIAN HISTORY, MODERN
450866	PACIFIC LANDS, HISTORY
450867	RUSSIAN HISTORY
450868	WORLD LEADERS, PAST AND PRESENT
450870	PRE-IB WORLD HISTORY
450871	IB HISTORY OF THE AMERICAS
450872	IB TWENTIETH CENTURY WORLD TOPICS
450873	IB HISTORY OF EUROPE
STUB0421 - AP/IB/Honors WestCiv/Euro History	
450836	WORLD HISTORY, COLLEGE
450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS
450841	WESTERN CIVILIZATION 9, HONORS
450844	ADVANCED PLACEMENT WORLD HISTORY
450850	ENGLISH HISTORY, HONORS
450851	FRENCH REVOLUTION, HONORS
450856	EUROPEAN HISTORY, MODERN
450870	PRE-IB WORLD HISTORY
450871	IB HISTORY OF THE AMERICAS
450872	IB TWENTIETH CENTURY WORLD TOPICS
450873	IB HISTORY OF EUROPE
STUB0430 - American Government and Politics	
450900	INTERNATIONAL RELATIONS, OTHER
450911	INTERNATIONAL RELATIONS
450921	INTERNATIONAL RELATIONS, HONORS
450931	INTERNATIONAL LAW
450941	MODEL SECURITY COUNCIL, LOCAL
450951	MODEL UNITED NATIONS, LOCAL
450952	MODEL UNITED NATIONS, NATIONAL
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER
451001	CIVICS
451002	STATE AND LOCAL GOVERNMENT
451003	GOVERNMENT, BASIC
451004	AMERICAN GOVERNMENT
451005	PRESIDENCY
451006	FRAMEWORK OF THE CONSTITUTION
451007	INDIVIDUAL VS. STATE
451008	NATIONAL STATE AND LOCAL ELECTIONS
451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451010	CONTEMPORARY WORLD AFFAIRS
451011	AMERICAN FOREIGN POLICY
451012	DECISION MAKING IN A CRISIS
451013	AMERICAN HERITAGE, HONORS
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC
451017	AMERICAN GOVERNMENT AND ECONOMICS
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
451020	COMPARATIVE WORLD GOVERNMENTS
451021	AMERICANISM VS. COMMUNISM
451022	AMERICANISM VS. COMMUNISM, HONORS
451023	COMMUNISM AND ITS GROWTH
451024	CIVICS, HONORS
451025	WRITINGS INFLUENCING GOVERNMENT

CSSC CODE	TITLE
451026	GOVERNMENT INTERNSHIP
451027	MODEL SENATE
451028	POLITICAL LEADERSHIP
451029	POLITICAL SCIENCE
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
451032	POLITICAL TURMOIL
451034	PRE-IB AMERICAN GOVERNMENT/ECONOMICS
451035	AP AMERICAN GOVERNMENT AND POLITICS
451036	AP COMPARATIVE GOVERNMENT AND POLITICS
451037	IB AMERICAN GOVERNMENT
STUB0440 - Humanities Other	
050100	AREA STUDIES, OTHER
050101	AREA STUDIES
050102	AMERICAN STUDIES, BASIC
050103	AMERICAN STUDIES, GENERAL
050104	AMERICA'S PEOPLE AND PROBLEMS
050106	NEW ENGLAND STUDIES
050107	OLD SOUTH
050108	AMERICAN WEST
050109	SOUTHWEST UNITED STATES
050110	ANGLO AMERICA
050111	NORTH AMERICA AND CURRENT EVENTS
050112	NORTH AND SOUTH AMERICA
050113	LATIN AMERICA
050114	WORLD STUDIES 1
050115	WORLD STUDIES 2
050117	COMPARATIVE WORLD CULTURES
050118	EUROPEAN CULTURE STUDIES, BASIC
050119	EUROPEAN CULTURE STUDIES, GENERAL
050120	EUROPEAN CULTURE STUDIES, HONORS
050121	DEVELOPING NATIONS
050122	AFRICAN AREA STUDIES
050123	AFRICA AND SOUTH AMERICA
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
050127	ASIAN STUDIES
050128	HISTORY OF CHINA
050129	ASIA, AFRICA AND MIDEAST
050130	AFRICA AND MIDDLE EAST
050131	MIDDLE EASTERN STUDIES
050132	MIDDLE EAST, WAR FOR SURVIVAL
050133	U S S R
050134	SOVIET UNION AND CHINA
050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS
050136	HISTORY OF RUSSIA
050137	NEGLECTED WORLD
050138	GLOBAL EDUCATION
050139	PACIFIC RIM NATIONS
050140	CANADIAN AREA STUDIES
050200	ETHNIC STUDIES, OTHER
050211	MINORITIES IN AMERICA
050221	ETHNIC AND FAMILY HERITAGE
050231	AFRO AMERICAN STUDIES
050241	ECONOMICS OF AFRO AMERICANS
050251	INDIANS OF NORTH AMERICA
050261	JEWISH HISTORICAL SIGNIFICANCE
050271	MEXICAN AMERICAN HERITAGE
050281	HAWAIIANA
050291	HAWAIIAN CULTURE STUDIES, MODERN
059900	AREA AND ETHNIC STUDIES, OTHER
090100	COMMUNICATIONS, OTHER GENERAL
090111	MASS MEDIA
090121	INTERCULTURAL COMMUNICATIONS

CSSC CODE	TITLE
090300	COMMUNICATIONS RESEARCH, OTHER
090500	PUBLIC RELATIONS, OTHER
090721	TELEVISION AND TASTE
099900	COMMUNICATIONS, OTHER
130100	EDUCATION, OTHER GENERAL
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER
130300	CURRICULUM AND INSTRUCTION, OTHER
130400	EDUCATION ADMINISTRATION, OTHER
130500	EDUCATIONAL MEDIA, OTHER
130600	EVALUATION AND RESEARCH, OTHER
130700	INTERNATIONAL AND COMPARATIVE EDUCATION, OTHER
130800	SCHOOL PSYCHOLOGY, OTHER
130900	SOCIAL FOUNDATIONS, OTHER
131000	SPECIAL EDUCATION, OTHER
131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER
131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER
	TEACHER TRAINING (LECTURE AND OBERVATION)
	TEACHER TRAINING (ACTIVE PRACTICE / PRACTICUM)
131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER
131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER
139900	EDUCATION, OTHER
220100	LAW, OTHER
220111	LAW FUNDAMENTALS
220121	LAW AND YOU
220131	STREET LAW
240100	LIBERAL/GENERAL STUDIES, OTHER
240111	LIBERAL STUDIES
240141	GIFTED AND TALENTED PROGRAM
300200	CLINICAL PASTORAL CARE, OTHER
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER
300411	HUMANITIES
300421	HUMANITIES, EUROPEAN
300431	HUMANITIES, AMERICAN
300441	HUMANITIES, AFRICAN
300451	HUMANITIES, NEAR EAST AND FAR EAST
300500	PEACE STUDIES, OTHER
300600	SYSTEMS SCIENCE, OTHER
300611	FUTURISTICS
300621	ENVIRONMENTAL SCIENCE
300622	UNUSED CODE
300631	ENERGY AND ENVIRONMENT
300700	WOMEN'S STUDIES, OTHER
300711	WOMEN'S STUDIES
300721	WOMEN'S STUDIES IN LITERATURE
309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER
330161	UNUSED CODE
380100	PHILOSOPHY, OTHER
380111	PHILOSOPHY
380121	ETHICS
380131	LOGIC
380141	EPISTEMICS
380142	IB THEORY OF KNOWLEDGE
380151	SOCIAL JUSTICE ISSUES
420100	PSYCHOLOGY, OTHER GENERAL
420111	PSYCHOLOGY
420112	PSYCHOLOGY, ADVANCED
420113	ABNORMAL PSYCHOLOGY
420114	AP PSYCHOLOGY
420115	IB PSYCHOLOGY
420200	CLINICAL PSYCHOLOGY, OTHER
420300	COGNITIVE PSYCHOLOGY, OTHER
420311	PSYCHOLOGY OF LEARNING
420321	EDUCATIONAL PSYCHOLOGY
420400	COMMUNITY PSYCHOLOGY, OTHER
420500	COMPARATIVE PSYCHOLOGY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
420711	CHILD PSYCHOLOGY

CSSC CODE	TITLE
420721	ADOLESCENT PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY
420800	EXPERIMENTAL PSYCHOLOGY, OTHER
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
421000	PERSONALITY PSYCHOLOGY, OTHER
421011	HISTORICAL PERSONALITIES AND IDEAS
421021	HUMANISTIC PSYCHOLOGY
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
421200	PSYCHOLINGUISTICS, OTHER
421300	PSYCHOMETRICS, OTHER
421400	PSYCHOPHARMACOLOGY, OTHER
421411	PSYCHOPHARMACOLOGY
421500	QUANTITATIVE PSYCHOLOGY, OTHER
421600	SOCIAL PSYCHOLOGY, OTHER
421611	SOCIAL PSYCHOLOGY
429900	PSYCHOLOGY, OTHER
430100	CRIMINAL JUSTICE, OTHER
430111	LAW ENFORCEMENT
430121	LAW SCIENCE
430200	FIRE PROTECTION, OTHER
430211	FIRE FIGHTING PRACTICES
439900	PROTECTIVE SERVICES, OTHER
440100	PUBLIC AFFAIRS, OTHER GENERAL
440200	COMMUNITY SERVICES, OTHER
440300	INTERNATIONAL PUBLIC SERVICE, OTHER
440400	PUBLIC ADMINISTRATION, OTHER
440500	PUBLIC POLICY STUDIES, OTHER
440600	PUBLIC WORKS, OTHER
440700	SOCIAL WORK, OTHER
440711	HUMAN SERVICES
449900	PUBLIC AFFAIRS, OTHER
450100	SOCIAL SCIENCES, OTHER GENERAL
450111	SOCIAL SCIENCE, INTRODUCTION
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH
450131	SOCIAL SCIENCE SEMINAR
450141	SOCIAL STUDIES, INDEPENDENT STUDY
450200	ANTHROPOLOGY, OTHER
450211	ANTHROPOLOGY
450221	COMPARATIVE CULTURAL PATTERNS
450231	ANTHROPOLOGY, MYTH AND MAGIC
450241	CULTURAL ANTHROPOLOGY, RESEARCH
450300	ARCHAEOLOGY, OTHER
450311	ARCHAEOLOGY
450400	CRIMINOLOGY, OTHER
450500	DEMOGRAPHY, OTHER
450511	POPULATION EDUCATION
450600	ECONOMICS, OTHER
450601	ECONOMICS, THEORY
450602	ECONOMICS AND ECONOMIC PROBLEMS
450603	CONSUMER ECONOMICS
450605	INSURANCE THEORY
450606	INVESTMENT ECONOMICS
450607	TELEVISION AND ECONOMICS
450608	ENERGY EDUCATION
450609	AMERICAN LABOR HISTORY
450610	ECONOMICS, ANALYSIS AND CRITICISM
450611	ECONOMICS, COLLEGE
450612	INTERNATIONAL ECONOMICS
450613	AP MICROECONOMICS
450614	AP MACROECONOMICS
450615	IB MICROECONOMICS
450616	IB MACROECONOMICS
450700	GEOGRAPHY, OTHER
450701	GEOGRAPHY 8
450702	GEOGRAPHY, UNITED STATES
450703	GEOGRAPHY, NORTH AMERICAN
450704	WORLD GEOGRAPHY
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
450706	GEOGRAPHY, EASTERN HEMISPHERE
450707	PHYSICAL GEOGRAPHY
450708	ECONOMIC AND POLITICAL GEOGRAPHY
450709	HUMAN AND CULTURAL GEOGRAPHY

CSSC CODE	TITLE
450710	FIELD GEOGRAPHY, HONORS
450711	IB WORLD GEOGRAPHY
450712	AP HUMAN GEOGRAPHY
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450809	AMERICAN HISTORY, BASIC
450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY
450840	WESTERN CIVILIZATION 9
450841	WESTERN CIVILIZATION 9, HONORS
450842	WESTERN CIVILIZATION, HISTORY
450843	EARLY WESTERN CIVILIZATION
450853	ADVANCED PLACEMENT EUROPEAN HISTORY
450856	EUROPEAN HISTORY, MODERN
450857	THIRD WORLD HISTORY
450858	AFRICAN HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450860	LATIN AMERICAN HISTORY
450861	MIDDLE EAST HISTORY
450862	ISRAEL, HISTORY
450863	EASTERN CIVILIZATION
450864	FAR EAST, HISTORY
450865	ASIAN HISTORY, MODERN
450866	PACIFIC LANDS, HISTORY
450900	INTERNATIONAL RELATIONS, OTHER
450911	INTERNATIONAL RELATIONS
450921	INTERNATIONAL RELATIONS, HONORS
450931	INTERNATIONAL LAW
451010	CONTEMPORARY WORLD AFFAIRS
451011	AMERICAN FOREIGN POLICY
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
451020	COMPARATIVE WORLD GOVERNMENTS
451021	AMERICANISM VS. COMMUNISM
451022	AMERICANISM VS. COMMUNISM, HONORS
451023	COMMUNISM AND ITS GROWTH
451030	UNUSED CODE
451100	SOCIOLOGY, OTHER
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
451121	SOCIOLOGY, GENERAL
451131	SOCIOLOGY, ISSUES
451132	THE POOR IN AMERICA
451141	MOBILITY IN SOCIETY
451151	VIOLENCE IN AMERICA
451161	DEATH AND DYING
451171	SOCIOLOGY, HONORS
451181	SOCIOLOGY, RESEARCH
451191	HOLOCAUST
451200	URBAN STUDIES, OTHER
451211	URBAN PROBLEMS
451221	URBAN ECOLOGY
451231	TECHNOLOGY AND URBANIZATION
459900	SOCIAL SCIENCES, OTHER
544501	FUNCTIONAL SOCIAL STUDIES
544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT
564500	SPECIAL EDUCATION SOCIAL STUDIES
564501	RESOURCE SOCIAL STUDIES
564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT
STUB0441 - Non-Western History	
050113	LATIN AMERICA
050121	DEVELOPING NATIONS
050122	AFRICAN AREA STUDIES
050123	AFRICA AND SOUTH AMERICA
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
050127	ASIAN STUDIES
050128	HISTORY OF CHINA
050129	ASIA, AFRICA AND MIDEAST
050130	AFRICA AND MIDDLE EAST
050131	MIDDLE EASTERN STUDIES
050132	MIDDLE EAST, WAR FOR SURVIVAL
050137	NEGLECTED WORLD
050138	GLOBAL EDUCATION
050139	PACIFIC RIM NATIONS
450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY
450857	THIRD WORLD HISTORY
450858	AFRICAN HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450860	LATIN AMERICAN HISTORY
450861	MIDDLE EAST HISTORY
450862	ISRAEL, HISTORY
450863	EASTERN CIVILIZATION
450864	FAR EAST, HISTORY
450865	ASIAN HISTORY, MODERN
450866	PACIFIC LANDS, HISTORY
STUB0442 - Western History / Civilization	
050118	EUROPEAN CULTURE STUDIES, BASIC
050119	EUROPEAN CULTURE STUDIES, GENERAL
050120	EUROPEAN CULTURE STUDIES, HONORS
450840	WESTERN CIVILIZATION 9
450841	WESTERN CIVILIZATION 9, HONORS
450842	WESTERN CIVILIZATION, HISTORY
450843	EARLY WESTERN CIVILIZATION
450853	ADVANCED PLACEMENT EUROPEAN HISTORY
450856	EUROPEAN HISTORY, MODERN
STUB0443 - Economics	
450600	ECONOMICS, OTHER
450601	ECONOMICS, THEORY
450602	ECONOMICS AND ECONOMIC PROBLEMS
450603	CONSUMER ECONOMICS
450606	INVESTMENT ECONOMICS
450607	TELEVISION AND ECONOMICS
450608	ENERGY EDUCATION
450609	AMERICAN LABOR HISTORY
450610	ECONOMICS, ANALYSIS AND CRITICISM
450611	ECONOMICS, COLLEGE
450612	INTERNATIONAL ECONOMICS
450613	AP MICROECONOMICS
450614	AP MACROECONOMICS
450615	IB MICROECONOMICS
450616	IB MACROECONOMICS
STUB0444 - Geography	
450700	GEOGRAPHY, OTHER
450701	GEOGRAPHY 8
450702	GEOGRAPHY, UNITED STATES
450703	GEOGRAPHY, NORTH AMERICAN
450704	WORLD GEOGRAPHY
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
450706	GEOGRAPHY, EASTERN HEMISPHERE
450707	PHYSICAL GEOGRAPHY
450708	ECONOMIC AND POLITICAL GEOGRAPHY
450709	HUMAN AND CULTURAL GEOGRAPHY
450710	FIELD GEOGRAPHY, HONORS
450711	IB WORLD GEOGRAPHY
450712	AP HUMAN GEOGRAPHY

CSSC CODE	TITLE
STUB0445 - Sociology/Psychology	
420100	PSYCHOLOGY, OTHER GENERAL
420111	PSYCHOLOGY
420112	PSYCHOLOGY, ADVANCED
420113	ABNORMAL PSYCHOLOGY
420114	AP PSYCHOLOGY
420115	IB PSYCHOLOGY
420200	CLINICAL PSYCHOLOGY, OTHER
420300	COGNITIVE PSYCHOLOGY, OTHER
420311	PSYCHOLOGY OF LEARNING
420321	EDUCATIONAL PSYCHOLOGY
420400	COMMUNITY PSYCHOLOGY, OTHER
420500	COMPARATIVE PSYCHOLOGY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
420711	CHILD PSYCHOLOGY
420721	ADOLESCENT PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY
420800	EXPERIMENTAL PSYCHOLOGY, OTHER
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
421000	PERSONALITY PSYCHOLOGY, OTHER
421011	HISTORICAL PERSONALITIES AND IDEAS
421021	HUMANISTIC PSYCHOLOGY
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
421200	PSYCHOLINGUISTICS, OTHER
421300	PSYCHOMETRICS, OTHER
421400	PSYCHOPHARMACOLOGY, OTHER
421411	PSYCHOPHARMACOLOGY
421500	QUANTITATIVE PSYCHOLOGY, OTHER
421600	SOCIAL PSYCHOLOGY, OTHER
421611	SOCIAL PSYCHOLOGY
429900	PSYCHOLOGY, OTHER
430100	CRIMINAL JUSTICE, OTHER
430111	LAW ENFORCEMENT
430121	LAW SCIENCE
430200	FIRE PROTECTION, OTHER
430211	FIRE FIGHTING PRACTICES
439900	PROTECTIVE SERVICES, OTHER
451100	SOCIOLOGY, OTHER
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
451121	SOCIOLOGY, GENERAL
451131	SOCIOLOGY, ISSUES
451132	THE POOR IN AMERICA
451141	MOBILITY IN SOCIETY
451151	VIOLENCE IN AMERICA
451161	DEATH AND DYING
451171	SOCIOLOGY, HONORS
451181	SOCIOLOGY, RESEARCH
451191	HOLOCAUST
STUB0446 - International Politics	
450900	INTERNATIONAL RELATIONS, OTHER
450911	INTERNATIONAL RELATIONS
450921	INTERNATIONAL RELATIONS, HONORS
450931	INTERNATIONAL LAW
451010	CONTEMPORARY WORLD AFFAIRS
451011	AMERICAN FOREIGN POLICY
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
451020	COMPARATIVE WORLD GOVERNMENTS
451021	AMERICANISM VS. COMMUNISM
451022	AMERICANISM VS. COMMUNISM, HONORS
451023	COMMUNISM AND ITS GROWTH
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)

CSSC CODE	TITLE
STUB0447 - Remedial/Below Grade Social Studies	
330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450809	AMERICAN HISTORY, BASIC
STUB0450 - Any AP/IB/Honors Social Studies	
050105	AMERICAN STUDIES, HONORS
050116	WORLD STUDIES, HONORS
050120	EUROPEAN CULTURE STUDIES, HONORS
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
300622	UNUSED CODE
380142	IB THEORY OF KNOWLEDGE
420112	PSYCHOLOGY, ADVANCED
420114	AP PSYCHOLOGY
420115	IB PSYCHOLOGY
450611	ECONOMICS, COLLEGE
450613	AP MICROECONOMICS
450614	AP MACROECONOMICS
450615	IB MICROECONOMICS
450616	IB MACROECONOMICS
450710	FIELD GEOGRAPHY, HONORS
450711	IB WORLD GEOGRAPHY
450712	AP HUMAN GEOGRAPHY
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT (CHANGED TO 450814)
450813	UNITED STATES HISTORY, HONORS
450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450836	WORLD HISTORY, COLLEGE
450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS
450841	WESTERN CIVILIZATION 9, HONORS
450844	ADVANCED PLACEMENT WORLD HISTORY
450850	ENGLISH HISTORY, HONORS
450851	FRENCH REVOLUTION, HONORS
450856	EUROPEAN HISTORY, MODERN
450870	PRE-IB WORLD HISTORY
450871	IB HISTORY OF THE AMERICAS
450872	IB TWENTIETH CENTURY WORLD TOPICS
450873	IB HISTORY OF EUROPE
450874	PRE-IB US HISTORY
450921	INTERNATIONAL RELATIONS, HONORS
451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451013	AMERICAN HERITAGE, HONORS
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451022	AMERICANISM VS. COMMUNISM, HONORS
451024	CIVICS, HONORS
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)
451034	PRE-IB AMERICAN GOVERNMENT/ECONOMICS
451035	AP AMERICAN GOVERNMENT AND POLITICS
451036	AP COMPARATIVE GOVERNMENT AND POLITICS
451037	IB AMERICAN GOVERNMENT
451171	SOCIOLOGY, HONORS
STUB0500 - Fine Arts	
500100	VISUAL AND PERFORMING ARTS, OTHER GENERAL
500111	AESTHETICS
500200	CRAFTS, OTHER
500211	CRAFTS 7
500212	CRAFTS 8
500213	CRAFTS 9

CSSC CODE	TITLE
500214	CRAFTS 10
500215	CRAFTS 11
500216	CRAFTS 12
500221	CRAFTS 11, ADVANCED
500222	CRAFTS 12, ADVANCED
500231	DECORATOR CRAFTS
500241	ENAMELING
500251	JEWELRY 1
500252	JEWELRY 2
500253	JEWELRY 3
500254	JEWELRY 4
500261	CERAMICS 7
500262	CERAMICS 8
500263	CERAMICS 9
500264	CERAMICS 10
500265	CERAMICS 11
500266	CERAMICS 12
500271	TEXTILE DESIGN
500281	MODEL BUILDING
500291	PRINTMAKING 1
500292	PRINTMAKING 2
500300	DANCE, OTHER
500311	MODERN DANCE FOR BEGINNERS 9
500312	MODERN DANCE FOR BEGINNERS 10
500313	MODERN DANCE FOR BEGINNERS 11
500314	MODERN DANCE FOR BEGINNERS 12
500321	MODERN DANCE 9, INTERMEDIATE
500322	MODERN DANCE 10, INTERMEDIATE
500323	MODERN DANCE 11, INTERMEDIATE
500324	MODERN DANCE 12, INTERMEDIATE
500331	DANCE 9, ADVANCED
500332	DANCE 10, ADVANCED
500333	DANCE 11, ADVANCED
500334	DANCE 12, ADVANCED
500341	PERFORMING DANCE GROUP 9
500342	PERFORMING DANCE GROUP 10
500343	PERFORMING DANCE GROUP 11
500344	PERFORMING DANCE GROUP 12
500351	BALLET AND JAZZ FOR BEGINNERS 9
500352	BALLET AND JAZZ FOR BEGINNERS 10
500353	BALLET AND JAZZ FOR BEGINNERS 11
500354	BALLET AND JAZZ FOR BEGINNERS 12
500361	ETHNIC DANCE
500371	SQUARE DANCE
500381	AEROBIC DANCE
500421	THEATER MAKEUP
500431	LIGHTING FUNDAMENTALS, THEATER
500500	DRAMATIC ARTS, OTHER
500511	STAGECRAFT 9
500512	STAGECRAFT 10
500513	STAGECRAFT 11
500514	STAGECRAFT 12
500521	IMPROVISATION AND MIME
500531	PLAYWRITING
500541	THEATER PRACTICUM CONTRACT
500551	DRAMA, HISTORY
500561	DRAMA, INDEPENDENT STUDY
500571	IB THEATER
500600	FILM ARTS, OTHER
500611	FILM STUDY
500612	LANGUAGE OF THE CINEMA
500621	PHOTOGRAPHY 10
500622	PHOTOGRAPHY 11, ELEMENTARY
500623	PHOTOGRAPHY 12, ELEMENTARY
500631	PHOTOGRAPHY 11, ADVANCED
500632	PHOTOGRAPHY 12, ADVANCED
500700	FINE ARTS, OTHER
500701	FINE ARTS 7
500702	FINE ARTS 8
500703	ART, GENERAL
500704	ART 1
500705	ART 2
500706	ART 3
500707	ART 4

CSSC CODE	TITLE
500708	ART 1, INDEPENDENT STUDY
500709	ART 2, INDEPENDENT STUDY
500711	ART SERVICES 10
500712	ART SERVICES 11
500713	ART SERVICES 12
500714	DRAWING
500715	PAINTING 1
500716	PAINTING 2
500717	WATERCOLOR 1
500718	CARTOONING
500719	MURAL PAINTING
500720	SCULPTURE
500721	SILK SCREEN
500722	ASSEMBLAGE
500723	PRODUCT DESIGN
500724	LIFE DRAWING
500725	CALLIGRAPHY
500726	ART HISTORY AND APPRECIATION
500727	BLACK FINE ARTS
500728	MEXICO, FINE ARTS
500729	BICULTURAL ART
500730	ARTIST IN RESIDENCE PROGRAM
500731	ETHNIC ART HISTORY
500732	ART AS A MULTICULTURAL STUDY
500733	AP ART HISTORY
500734	AP STUDIO ART/GENERAL
500735	AP STUDIO ART/DRAWING
500736	IB ART STUDIES
500737	IB ART STUDIO
500738	AP STUDIO ART/2-D DESIGN
500739	AP STUDIO ART/3-D DESIGN
500900	MUSIC, OTHER
500901	MUSIC 7
500902	MUSIC 8
500903	BAND 7
500904	BAND 7, ADVANCED
500905	BAND 8
500906	BAND 8, ADVANCED
500907	BAND 9
500908	BAND 9, ADVANCED
500909	BAND, CONCERT
500910	BAND, MARCHING
500911	BAND, SYMPHONIC
500912	ORCHESTRA 7
500913	ORCHESTRA 7, ADVANCED
500914	ORCHESTRA 8
500915	ORCHESTRA 8, ADVANCED
500916	ORCHESTRA 9
500917	ORCHESTRA 9, ADVANCED
500918	ORCHESTRA 10
500919	ORCHESTRA 11
500920	ORCHESTRA 12
500921	INSTRUMENTAL STRING CLASS
500922	BRASS AND PERCUSSION CLASS
500923	WIND ENSEMBLE
500924	WOODWIND CLASS
500925	ELECTRONIC MUSIC, INTRODUCTION
500926	ENSEMBLE, INSTRUMENTAL
500927	GUITAR, BEGINNING
500928	GUITAR, INTERMEDIATE
500929	GUITAR, ADVANCED
500930	HANDBELLS
500931	PIANO 1
500932	PIANO 2
500933	ORGAN
500934	MUSIC LESSONS, APPLIED
500935	CHORUS 7
500936	CHORUS 7, ADVANCED
500937	CHORUS 8
500938	CHORUS 8, ADVANCED
500939	CHORUS 9
500940	CHORUS 9, ADVANCED
500941	CHORUS 10
500942	CHORUS 10, ADVANCED

CSSC CODE	TITLE
500943	CHORUS 11
500944	CHORUS 11, ADVANCED
500945	CHORUS 12
500946	CHORUS 12, ADVANCED
500947	VOCAL ENSEMBLE
500948	VOICE CLASS
500949	HARMONY AND COMPOSITION
500950	ARRANGING
500951	CONDUCTING
500952	MUSIC THEORY
500953	MUSIC HISTORY 7
500954	MUSIC HISTORY 8
500955	MUSIC HISTORY 9
500956	MUSIC HISTORY 10
500957	MUSIC HISTORY 11
500958	MUSIC HISTORY 12
500959	MUSIC LITERATURE 9
500960	MUSIC LITERATURE 10
500961	MUSIC LITERATURE 11
500962	MUSIC LITERATURE 12
500963	MUSIC APPRECIATION
500964	FOLK MUSIC, ETHNIC
500965	MUSIC THEATER
500966	MUSIC, INDEPENDENT STUDY
500967	MUSIC LABORATORY, GENERAL SURVEY
500968	IB MUSIC
500969	AP MUSIC THEORY
509900	VISUAL AND PERFORMING ARTS, OTHER
STUB0510 - Fine Arts and Crafts	
500100	VISUAL AND PERFORMING ARTS, OTHER GENERAL
500111	AESTHETICS
500200	CRAFTS, OTHER
500211	CRAFTS 7
500212	CRAFTS 8
500213	CRAFTS 9
500214	CRAFTS 10
500215	CRAFTS 11
500216	CRAFTS 12
500221	CRAFTS 11, ADVANCED
500222	CRAFTS 12, ADVANCED
500231	DECORATOR CRAFTS
500241	ENAMELING
500251	JEWELRY 1
500252	JEWELRY 2
500253	JEWELRY 3
500254	JEWELRY 4
500261	CERAMICS 7
500262	CERAMICS 8
500263	CERAMICS 9
500264	CERAMICS 10
500265	CERAMICS 11
500266	CERAMICS 12
500271	TEXTILE DESIGN
500281	MODEL BUILDING
500291	PRINTMAKING 1
500292	PRINTMAKING 2
500600	FILM ARTS, OTHER
500611	FILM STUDY
500612	LANGUAGE OF THE CINEMA
500621	PHOTOGRAPHY 10
500622	PHOTOGRAPHY 11, ELEMENTARY
500623	PHOTOGRAPHY 12, ELEMENTARY
500631	PHOTOGRAPHY 11, ADVANCED
500632	PHOTOGRAPHY 12, ADVANCED
500700	FINE ARTS, OTHER
500701	FINE ARTS 7
500702	FINE ARTS 8
500703	ART, GENERAL
500704	ART 1
500705	ART 2

CSSC CODE	TITLE
500706	ART 3
500707	ART 4
500708	ART 1, INDEPENDENT STUDY
500709	ART 2, INDEPENDENT STUDY
500711	ART SERVICES 10
500712	ART SERVICES 11
500713	ART SERVICES 12
500714	DRAWING
500715	PAINTING 1
500716	PAINTING 2
500717	WATERCOLOR 1
500718	CARTOONING
500719	MURAL PAINTING
500720	SCULPTURE
500721	SILK SCREEN
500722	ASSEMBLAGE
500723	PRODUCT DESIGN
500724	LIFE DRAWING
500725	CALLIGRAPHY
500726	ART HISTORY AND APPRECIATION
500727	BLACK FINE ARTS
500728	MEXICO, FINE ARTS
500729	BICULTURAL ART
500730	ARTIST IN RESIDENCE PROGRAM
500731	ETHNIC ART HISTORY
500732	ART AS A MULTICULTURAL STUDY
500733	AP ART HISTORY
500734	AP STUDIO ART/GENERAL
500735	AP STUDIO ART/DRAWING
500736	IB ART STUDIES
500737	IB ART STUDIO
500738	AP STUDIO ART/2-D DESIGN
500739	AP STUDIO ART/3-D DESIGN
509900	VISUAL AND PERFORMING ARTS, OTHER
STUB0520 - Music	
500900	MUSIC, OTHER
500901	MUSIC 7
500902	MUSIC 8
500903	BAND 7
500904	BAND 7, ADVANCED
500905	BAND 8
500906	BAND 8, ADVANCED
500907	BAND 9
500908	BAND 9, ADVANCED
500909	BAND, CONCERT
500910	BAND, MARCHING
500911	BAND, SYMPHONIC
500912	ORCHESTRA 7
500913	ORCHESTRA 7, ADVANCED
500914	ORCHESTRA 8
500915	ORCHESTRA 8, ADVANCED
500916	ORCHESTRA 9
500917	ORCHESTRA 9, ADVANCED
500918	ORCHESTRA 10
500919	ORCHESTRA 11
500920	ORCHESTRA 12
500921	INSTRUMENTAL STRING CLASS
500922	BRASS AND PERCUSSION CLASS
500923	WIND ENSEMBLE
500924	WOODWIND CLASS
500925	ELECTRONIC MUSIC, INTRODUCTION
500926	ENSEMBLE, INSTRUMENTAL
500927	GUITAR, BEGINNING
500928	GUITAR, INTERMEDIATE
500929	GUITAR, ADVANCED
500930	HANDBELLS
500931	PIANO 1
500932	PIANO 2
500933	ORGAN
500934	MUSIC LESSONS, APPLIED

CSSC CODE	TITLE
500935	CHORUS 7
500936	CHORUS 7, ADVANCED
500937	CHORUS 8
500938	CHORUS 8, ADVANCED
500939	CHORUS 9
500940	CHORUS 9, ADVANCED
500941	CHORUS 10
500942	CHORUS 10, ADVANCED
500943	CHORUS 11
500944	CHORUS 11, ADVANCED
500945	CHORUS 12
500946	CHORUS 12, ADVANCED
500947	VOCAL ENSEMBLE
500948	VOICE CLASS
500949	HARMONY AND COMPOSITION
500950	ARRANGING
500951	CONDUCTING
500952	MUSIC THEORY
500953	MUSIC HISTORY 7
500954	MUSIC HISTORY 8
500955	MUSIC HISTORY 9
500956	MUSIC HISTORY 10
500957	MUSIC HISTORY 11
500958	MUSIC HISTORY 12
500959	MUSIC LITERATURE 9
500960	MUSIC LITERATURE 10
500961	MUSIC LITERATURE 11
500962	MUSIC LITERATURE 12
500963	MUSIC APPRECIATION
500964	FOLK MUSIC, ETHNIC
500965	MUSIC THEATER
500966	MUSIC, INDEPENDENT STUDY
500967	MUSIC LABORATORY, GENERAL SURVEY
500968	IB MUSIC
500969	AP MUSIC THEORY
STUB0530 - Drama	
500421	THEATER MAKEUP
500431	LIGHTING FUNDAMENTALS, THEATER
500500	DRAMATIC ARTS, OTHER
500511	STAGECRAFT 9
500512	STAGECRAFT 10
500513	STAGECRAFT 11
500514	STAGECRAFT 12
500521	IMPROVISATION AND MIME
500531	PLAYWRITING
500541	THEATER PRACTICUM CONTRACT
500551	DRAMA, HISTORY
500561	DRAMA, INDEPENDENT STUDY
500571	IB THEATER
STUB0540 - Dance	
500300	DANCE, OTHER
500311	MODERN DANCE FOR BEGINNERS 9
500312	MODERN DANCE FOR BEGINNERS 10
500313	MODERN DANCE FOR BEGINNERS 11
500314	MODERN DANCE FOR BEGINNERS 12
500321	MODERN DANCE 9, INTERMEDIATE
500322	MODERN DANCE 10, INTERMEDIATE
500323	MODERN DANCE 11, INTERMEDIATE
500324	MODERN DANCE 12, INTERMEDIATE
500331	DANCE 9, ADVANCED
500332	DANCE 10, ADVANCED
500333	DANCE 11, ADVANCED
500334	DANCE 12, ADVANCED
500341	PERFORMING DANCE GROUP 9
500342	PERFORMING DANCE GROUP 10
500343	PERFORMING DANCE GROUP 11
500344	PERFORMING DANCE GROUP 12

CSSC CODE	TITLE
500351	BALLET AND JAZZ FOR BEGINNERS 9
500352	BALLET AND JAZZ FOR BEGINNERS 10
500353	BALLET AND JAZZ FOR BEGINNERS 11
500354	BALLET AND JAZZ FOR BEGINNERS 12
500361	ETHNIC DANCE
500371	SQUARE DANCE
500381	AEROBIC DANCE
STUB0550 - Art/Music Appreciation / History	
500111	AESTHETICS
500726	ART HISTORY AND APPRECIATION
500727	BLACK FINE ARTS
500728	MEXICO, FINE ARTS
500729	BICULTURAL ART
500730	ARTIST IN RESIDENCE PROGRAM
500731	ETHNIC ART HISTORY
500732	ART AS A MULTICULTURAL STUDY
500733	AP ART HISTORY
500955	MUSIC HISTORY 9
500956	MUSIC HISTORY 10
500957	MUSIC HISTORY 11
500958	MUSIC HISTORY 12
500959	MUSIC LITERATURE 9
500960	MUSIC LITERATURE 10
500961	MUSIC LITERATURE 11
500962	MUSIC LITERATURE 12
500963	MUSIC APPRECIATION
STUB0600 - Foreign Languages	
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER
160111	FOREIGN LANGUAGE, EXPLORATORY
160121	ENGLISH AS A SECOND LANGUAGE 1
160122	ENGLISH AS A SECOND LANGUAGE 2
160123	ENGLISH AS A SECOND LANGUAGE 3
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB
160125	TRANSITIONAL ENGLISH
160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER
160211	SWAHILI 1
160212	SWAHILI 2
160221	AMHARIC 1 (ETHIOPIAN)
160222	AMHARIC 2 (ETHIOPIAN)
160300	ASIATIC LANGUAGES, OTHER
160311	CANTONESE 1
160312	CANTONESE 2
160313	CANTONESE 3
160314	CANTONESE 4
160321	MANDARIN 1
160322	MANDARIN 2
160323	MANDARIN 3
160324	MANDARIN 4
160325	MANDARIN 5
160331	JAPANESE 1
160332	JAPANESE 2
160333	JAPANESE 3
160334	JAPANESE 4
160335	JAPANESE 5
160336	FOREIGN LANGUAGE CONTRACT, JAPANESE
160341	HAWAIIAN 1
160342	HAWAIIAN 2
160343	HAWAIIAN 3
160344	HAWAIIAN 4
160345	HAWAIIAN LANGUAGE AND CULTURE
160351	KOREAN 1
160352	KOREAN 2
160353	KOREAN 3
160354	KOREAN 4
160355	KOREAN 5
160400	BALTO-SLAVIC LANGUAGES, OTHER

CSSC CODE	TITLE
160411	UKRAINIAN 1
160421	RUSSIAN 1
160422	RUSSIAN 2
160423	RUSSIAN 3
160424	RUSSIAN 4
160425	RUSSIAN 5
160426	RUSSIAN 6
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN
160431	CZECH 1
160432	CZECH 2
160433	CZECH 3
160441	POLISH 1
160442	POLISH 2
160443	POLISH 3
160444	POLISH 4
160451	FINNISH 1
160452	FINNISH 2
160453	FINNISH 3
160454	FINNISH 4
160500	GERMANIC LANGUAGES, OTHER
160501	DUTCH 1
160502	DUTCH 2
160503	DUTCH 3
160511	GERMAN 7
160512	GERMAN 8
160513	GERMAN 1
160514	GERMAN 2
160515	GERMAN 3
160516	GERMAN 4
160517	GERMAN 5
160518	GERMAN FIELD-BASED EXPERIENCE
160519	FOREIGN LANGUAGE CONTRACT, GERMAN
160521	NORWEGIAN 1
160522	NORWEGIAN 2
160531	SWEDISH 1
160532	SWEDISH 2
160533	SWEDISH 3
160541	YIDDISH 1
160542	YIDDISH 2
160543	YIDDISH 3
160544	IB GERMAN 4
160545	IB GERMAN 5
160546	AP GERMAN LANGUAGE
160600	GREEK, OTHER
160611	MODERN GREEK FOR SURVIVAL
160621	MODERN GREEK
160622	MODERN GREEK 2
160623	MODERN GREEK 3
160624	MODERN GREEK 4
160631	CLASSICAL GREEK 1
160632	CLASSICAL GREEK 2
160633	CLASSICAL GREEK 3
160634	CLASSICAL GREEK 4
160700	INDIC LANGUAGES, OTHER
160800	IRANIAN LANGUAGES, OTHER
160900	ITALIC LANGUAGES, OTHER
160901	FRENCH 7
160902	FRENCH 8
160903	FRENCH 1
160904	FRENCH 2
160905	FRENCH 3
160906	FRENCH 4
160907	FRENCH 5
160908	FRENCH FIELD-BASED EXPERIENCE
160909	FOREIGN LANGUAGE CONTRACT, FRENCH
160910	FRENCH, CONVERSATIONAL
160911	ITALIAN 7
160912	ITALIAN 8
160913	ITALIAN 1
160914	ITALIAN 2
160915	ITALIAN 3
160916	ITALIAN 4
160917	ITALIAN, ADVANCED PLACEMENT
160918	ITALIAN FIELD-BASED EXPERIENCE

CSSC CODE	TITLE
160919	FOREIGN LANGUAGE CONTRACT, ITALIAN
160920	LATIN 1
160921	LATIN 2
160922	LATIN 3
160923	LATIN 4
160924	LATIN 5
160925	FOREIGN LANGUAGE CONTRACT, LATIN
160926	PORTUGUESE 1
160927	PORTUGUESE 2
160928	PORTUGUESE 3
160929	PORTUGUESE 4
160930	PORTUGUESE 5
160931	SPANISH 7
160932	SPANISH 8
160933	SPANISH 1
160934	SPANISH 2
160935	SPANISH 3
160936	SPANISH 4
160937	SPANISH 5
160938	SPANISH FIELD-BASED EXPERIENCE
160939	FOREIGN LANGUAGE CONTRACT, SPANISH
160940	SPANISH FOR NATIVE SPEAKERS (CHANGED TO 161311-161315)
160941	SPANISH FOR TRAVELERS
160942	SPANISH, COMMERCIAL
160943	IB FRENCH LANGUAGE
160944	IB FRENCH LITERATURE
160945	IB SPANISH 4
160946	IB SPANISH 5
160947	AP LATIN
160948	AP LATIN: VERGIL
160949	AP FRENCH LANGUAGE
160950	AP FRENCH LITERATURE
160951	AP SPANISH LANGUAGE
160952	AP SPANISH LITERATURE
161000	NATIVE AMERICAN LANGUAGES, OTHER
161100	SEMITIC LANGUAGES, OTHER
161111	HEBREW 1
161112	HEBREW 2
161113	HEBREW 3
161114	HEBREW 4
161115	ARABIC 1
161116	ARABIC 2
161117	ARABIC 3
161118	ARABIC 4
161119	FOREIGN LANGUAGE CONTRACT, ARABIC
161200	INDO-EUROPEAN LANGUAGES, OTHER
161211	TURKISH 1
161212	TURKISH 2
161300	NON-ENGLISH LANGUAGES FOR NATIVE SPEAKERS, OTHER
161311	SPANISH FOR NATIVE SPEAKERS 1
161312	SPANISH FOR NATIVE SPEAKERS 2
161313	SPANISH FOR NATIVE SPEAKERS 3
161314	SPANISH FOR NATIVE SPEAKERS 4
161315	SPANISH FOR NATIVE SPEAKERS 5
161321	PORTUGUESE FOR NATIVE SPEAKERS 1
161322	PORTUGUESE FOR NATIVE SPEAKERS 2
161323	PORTUGUESE FOR NATIVE SPEAKERS 3
161324	PORTUGUESE FOR NATIVE SPEAKERS 4
161331	ITALIAN FOR NATIVE SPEAKERS 1
161332	ITALIAN FOR NATIVE SPEAKERS 2
161333	ITALIAN FOR NATIVE SPEAKERS 3
161341	JAPANESE FOR NATIVE SPEAKERS 1
161342	JAPANESE FOR NATIVE SPEAKERS 2
161343	JAPANESE FOR NATIVE SPEAKERS 3
161344	JAPANESE FOR NATIVE SPEAKERS 4
161351	CHINESE FOR NATIVE SPEAKERS 1
161352	CHINESE FOR NATIVE SPEAKERS 2
161353	CHINESE FOR NATIVE SPEAKERS 3
161354	CHINESE FOR NATIVE SPEAKERS 4
161361	FRENCH FOR NATIVE SPEAKERS 1
161362	FRENCH FOR NATIVE SPEAKERS 2
161363	FRENCH FOR NATIVE SPEAKERS 3

CSSC CODE	TITLE
161364	FRENCH FOR NATIVE SPEAKERS 4
169900	FOREIGN LANGUAGES, OTHER
STUB0601 - Any AP/IB/Honors Foreign Language	
160517	GERMAN 5
160544	IB GERMAN 4
160545	IB GERMAN 5
160546	AP GERMAN LANGUAGE
160907	FRENCH 5
160917	ITALIAN 5
160924	LATIN 5
160937	SPANISH 5
160943	IB FRENCH 4
160944	IB FRENCH 5
160945	IB SPANISH 4
160946	IB SPANISH 5
160947	AP LATIN
160948	AP LATIN: VERGIL
160949	AP FRENCH LANGUAGE
160950	AP FRENCH LITERATURE
160951	AP SPANISH LANGUAGE
160952	AP SPANISH LITERATURE
161315	SPANISH FOR NATIVE SPEAKERS 5
STUB0610 - Survey and ESOL	
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER
160111	FOREIGN LANGUAGE, EXPLORATORY
160121	ENGLISH AS A SECOND LANGUAGE 1
160122	ENGLISH AS A SECOND LANGUAGE 2
160123	ENGLISH AS A SECOND LANGUAGE 3
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB
STUB0620 - French	
160901	FRENCH 7
160902	FRENCH 8
160903	FRENCH 1
160904	FRENCH 2
160905	FRENCH 3
160906	FRENCH 4
160907	FRENCH 5
160908	FRENCH FIELD-BASED EXPERIENCE
160909	FOREIGN LANGUAGE CONTRACT, FRENCH
160910	FRENCH, CONVERSATIONAL
160943	IB FRENCH 4
160944	IB FRENCH 5
160949	AP FRENCH LANGUAGE
160950	AP FRENCH LITERATURE
161361	FRENCH FOR NATIVE SPEAKERS 1
161362	FRENCH FOR NATIVE SPEAKERS 2
161363	FRENCH FOR NATIVE SPEAKERS 3
161364	FRENCH FOR NATIVE SPEAKERS 4
STUB0630 - Spanish	
160931	SPANISH 7
160932	SPANISH 8
160933	SPANISH 1
160934	SPANISH 2
160935	SPANISH 3
160936	SPANISH 4
160937	SPANISH 5
160938	SPANISH FIELD-BASED EXPERIENCE
160939	FOREIGN LANGUAGE CONTRACT, SPANISH
160940	SPANISH FOR NATIVE SPEAKERS (CHANGED TO 161311-161315)

CSSC CODE	TITLE
160941	SPANISH FOR TRAVELERS
160942	SPANISH, COMMERCIAL
160945	IB SPANISH 4
160946	IB SPANISH 5
160951	AP SPANISH LANGUAGE
160952	AP SPANISH LITERATURE
STUB0640 - German	
160501	DUTCH 1
160502	DUTCH 2
160503	DUTCH 3
160511	GERMAN 7
160512	GERMAN 8
160513	GERMAN 1
160514	GERMAN 2
160515	GERMAN 3
160516	GERMAN 4
160517	GERMAN 5
160518	GERMAN FIELD-BASED EXPERIENCE
160519	FOREIGN LANGUAGE CONTRACT, GERMAN
160544	IB GERMAN 4
160545	IB GERMAN 5
160546	AP GERMAN LANGUAGE
STUB0650 - Latin	
160920	LATIN 1
160921	LATIN 2
160922	LATIN 3
160923	LATIN 4
160924	LATIN 5
160947	AP LATIN
160948	AP LATIN: VERGIL
STUB0660 - Japanese	
160331	JAPANESE 1
160332	JAPANESE 2
160333	JAPANESE 3
160334	JAPANESE 4
160335	JAPANESE 5
160336	FOREIGN LANGUAGE CONTRACT, JAPANESE
STUB0670 - Mandarin/Cantonese	
160311	CANTONESE 1
160312	CANTONESE 2
160313	CANTONESE 3
160314	CANTONESE 4
160321	MANDARIN 1
160322	MANDARIN 2
160323	MANDARIN 3
160324	MANDARIN 4
160325	MANDARIN 5
STUB0680 - Russian	
160421	RUSSIAN 1
160422	RUSSIAN 2
160423	RUSSIAN 3
160424	RUSSIAN 4
160425	RUSSIAN 5
160426	RUSSIAN 6
STUB0690 - Foreign Language - Other	

CSSC CODE	TITLE
160125	TRANSITIONAL ENGLISH
160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER
160211	SWAHILI 1
160212	SWAHILI 2
160221	AMHARIC 1 (ETHIOPIAN)
160222	AMHARIC 2 (ETHIOPIAN)
160300	ASIATIC LANGUAGES, OTHER
160341	HAWAIIAN 1
160342	HAWAIIAN 2
160343	HAWAIIAN 3
160344	HAWAIIAN 4
160345	HAWAIIAN LANGUAGE AND CULTURE
160351	KOREAN 1
160352	KOREAN 2
160353	KOREAN 3
160354	KOREAN 4
160355	KOREAN 5
160400	BALTO-SLAVIC LANGUAGES, OTHER
160411	UKRAINIAN 1
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN
160431	CZECH 1
160432	CZECH 2
160433	CZECH 3
160441	POLISH 1
160442	POLISH 2
160443	POLISH 3
160444	POLISH 4
160451	FINNISH 1
160452	FINNISH 2
160453	FINNISH 3
160454	FINNISH 4
160500	GERMANIC LANGUAGES, OTHER
160521	NORWEGIAN 1
160522	NORWEGIAN 2
160531	SWEDISH 1
160532	SWEDISH 2
160533	SWEDISH 3
160541	YIDDISH 1
160542	YIDDISH 2
160543	YIDDISH 3
160600	GREEK, OTHER
160611	MODERN GREEK FOR SURVIVAL
160621	MODERN GREEK
160622	MODERN GREEK 2
160623	MODERN GREEK 3
160624	MODERN GREEK 4
160631	CLASSICAL GREEK 1
160632	CLASSICAL GREEK 2
160633	CLASSICAL GREEK 3
160634	CLASSICAL GREEK 4
160700	INDIC LANGUAGES, OTHER
160800	IRANIAN LANGUAGES, OTHER
160900	ITALIC LANGUAGES, OTHER
160911	ITALIAN 7
160912	ITALIAN 8
160913	ITALIAN 1
160914	ITALIAN 2
160915	ITALIAN 3
160916	ITALIAN 4
160917	ITALIAN 5
160918	ITALIAN FIELD-BASED EXPERIENCE
160919	FOREIGN LANGUAGE CONTRACT, ITALIAN
160925	FOREIGN LANGUAGE CONTRACT, LATIN
160926	PORTUGUESE 1
160927	PORTUGUESE 2
160928	PORTUGUESE 3
160929	PORTUGUESE 4
160930	PORTUGUESE 5
161000	NATIVE AMERICAN LANGUAGES, OTHER
161100	SEMITIC LANGUAGES, OTHER
161111	HEBREW 1
161112	HEBREW 2
161113	HEBREW 3
161114	HEBREW 4

CSSC CODE	TITLE
161115	ARABIC 1
161116	ARABIC 2
161117	ARABIC 3
161118	ARABIC 4
161119	FOREIGN LANGUAGE CONTRACT, ARABIC
161200	INDO-EUROPEAN LANGUAGES, OTHER
161211	TURKISH 1
161212	TURKISH 2
161300	NON-ENGLISH LANGUAGES FOR NATIVE SPEAKER, OTHER
161311	SPANISH FOR NATIVE SPEAKERS 1
161312	SPANISH FOR NATIVE SPEAKERS 2
161313	SPANISH FOR NATIVE SPEAKERS 3
161314	SPANISH FOR NATIVE SPEAKERS 4
161315	SPANISH FOR NATIVE SPEAKERS 5
161321	PORTUGUESE FOR NATIVE SPEAKERS 1
161322	PORTUGUESE FOR NATIVE SPEAKERS 2
161323	PORTUGUESE FOR NATIVE SPEAKERS 3
161324	PORTUGUESE FOR NATIVE SPEAKERS 4
161331	ITALIAN FOR NATIVE SPEAKERS 1
161332	ITALIAN FOR NATIVE SPEAKERS 2
161333	ITALIAN FOR NATIVE SPEAKERS 3
161341	JAPANESE FOR NATIVE SPEAKERS 1
161342	JAPANESE FOR NATIVE SPEAKERS 2
161343	JAPANESE FOR NATIVE SPEAKERS 3
161344	JAPANESE FOR NATIVE SPEAKERS 4
161351	CHINESE FOR NATIVE SPEAKERS 1
161352	CHINESE FOR NATIVE SPEAKERS 2
161353	CHINESE FOR NATIVE SPEAKERS 3
161354	CHINESE FOR NATIVE SPEAKERS 4
169900	FOREIGN LANGUAGES, OTHER
STUB0700 - Computer-Related Studies	
010161	AGRICULTURAL MICROPROCESSING
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER
070311	COMPUTERS IN BUSINESS
070321	BUSINESS DATA PROCESSING 1
070322	BUSINESS DATA PROCESSING 2
070331	BUSINESS COMPUTER PROGRAMMING 1
070332	BUSINESS COMPUTER PROGRAMMING 2
070341	KEY PUNCH OPERATOR
070351	DATA ENTRY OPERATOR 1
070352	DATA ENTRY OPERATOR 2
070361	KEYBOARDING
070371	PERIPHERAL COMPUTER OPERATOR
070641	WORD PROCESSING 1
070642	WORD PROCESSING 2
070643	WORD PROCESSING 3
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL
110111	COMPUTER APPRECIATION
110112	INTRODUCTION TO INTERNET AND THE WORLD WIDE WEB
110121	COMPUTER MATHEMATICS 1
110122	COMPUTER MATHEMATICS 2
110131	COMPUTER APPLICATIONS
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY
110141	COMPUTER SCIENCES 3
110142	IB COMPUTER SCIENCE
110143	AP COMPUTER SCIENCE A
110144	AP COMPUTER SCIENCE AB
110151	ARTIFICIAL INTELLIGENCE
110152	MULTIMEDIA COMPUTER APPLICATIONS
110161	DESKTOP COMPUTER APPLICATION SUITES
110200	COMPUTER PROGRAMMING, OTHER
110211	COMPUTER PROGRAMMING 1
110212	COMPUTER PROGRAMMING 2
110213	COMPUTER PROGRAMMING 3
110221	FORTRAN, INTRODUCTION

CSSC CODE	TITLE
110231	PASCAL, INTRODUCTION
110232	ADVANCED PASCAL
110241	BASIC, INTRODUCTION
110242	ADVANCED BASIC
110251	COBOL, INTRODUCTION
110252	ADVANCED COBOL
110261	LOGO, INTRODUCTION
110271	RPG PROGRAMMING, INTRODUCTION
110272	C PROGRAMMING
110273	C++ PROGRAMMING
110300	DATA PROCESSING, OTHER
110311	DATA PROCESSING, INTRODUCTION
110312	DATA PROCESSING, INTERMEDIATE
110313	DATA PROCESSING, ADVANCED
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER
110500	SYSTEMS ANALYSIS, OTHER
110601	HTML
110602	JAVA, JAVA SCRIPT
110603	WEB SITE DESIGN, DEVELOPMENT
110604	NETWORK ADMINISTRATION/MANAGEMENT
119900	COMPUTER AND INFORMATION SCIENCES, OTHER
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)
151001	PC OPERATING SYSTEMS
210127	INTRODUCTION TO TECHNOLOGY
480222	GRAPHIC ARTS 2
480223	GRAPHIC ARTS 3
480224	GRAPHIC ARTS 4
480281	DIGITAL DESIGN 1
480282	DIGITAL DESIGN 2
480283	DIGITAL DESIGN 3
500811	COMPUTER GRAPHICS DESIGN
STUB0710 - Clerical and Data Entry	
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER
070311	COMPUTERS IN BUSINESS
070321	BUSINESS DATA PROCESSING 1
070322	BUSINESS DATA PROCESSING 2
070331	BUSINESS COMPUTER PROGRAMMING 1
070332	BUSINESS COMPUTER PROGRAMMING 2
070341	KEY PUNCH OPERATOR
070351	DATA ENTRY OPERATOR 1
070352	DATA ENTRY OPERATOR 2
070361	KEYBOARDING
070371	PERIPHERAL COMPUTER OPERATOR
070641	WORD PROCESSING 1
070642	WORD PROCESSING 2
070643	WORD PROCESSING 3
110300	DATA PROCESSING, OTHER
110311	DATA PROCESSING, INTRODUCTION
110312	DATA PROCESSING, INTERMEDIATE
110313	DATA PROCESSING, ADVANCED
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION
STUB0720 - Computer Applications	
010161	AGRICULTURAL MICROPROCESSING
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER
110152	MULTIMEDIA COMPUTER APPLICATIONS
110161	DESKTOP COMPUTER APPLICATION SUITES
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)
210127	INTRODUCTION TO TECHNOLOGY
480222	GRAPHIC ARTS 2
480223	GRAPHIC ARTS 3
480224	GRAPHIC ARTS 4
480281	DIGITAL DESIGN 1
480282	DIGITAL DESIGN 2
480283	DIGITAL DESIGN 3
500811	COMPUTER GRAPHICS DESIGN
STUB0730 - Computer Science	
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL
110111	COMPUTER APPRECIATION
110112	INTRODUCTION TO INTERNET AND THE WORLD WIDE WEB
110121	COMPUTER MATHEMATICS 1
110122	COMPUTER MATHEMATICS 2
110131	COMPUTER APPLICATIONS
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY
110141	COMPUTER SCIENCES 3
110142	IB COMPUTER SCIENCE
110143	AP COMPUTER SCIENCE A
110144	AP COMPUTER SCIENCE AB
110151	ARTIFICIAL INTELLIGENCE
110200	COMPUTER PROGRAMMING, OTHER
110211	COMPUTER PROGRAMMING 1
110212	COMPUTER PROGRAMMING 2
110213	COMPUTER PROGRAMMING 3
110221	FORTRAN, INTRODUCTION
110231	PASCAL, INTRODUCTION
110232	ADVANCED PASCAL
110241	BASIC, INTRODUCTION
110242	ADVANCED BASIC
110251	COBOL, INTRODUCTION
110252	ADVANCED COBOL
110261	LOGO, INTRODUCTION
110271	RPG PROGRAMMING, INTRODUCTION
110272	C PROGRAMMING
110273	C++ PROGRAMMING
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER
110500	SYSTEMS ANALYSIS, OTHER
110601	HTML
110602	JAVA, JAVA SCRIPT
110603	WEB SITE DESIGN, DEVELOPMENT
110604	NETWORK ADMINISTRATION/MANAGEMENT
119900	COMPUTER AND INFORMATION SCIENCES, OTHER
STUB0740 - Computer and Network Hardware and Maintenance	
151001	PC OPERATING SYSTEMS
STUB0800 - Consumer And Homemaking Education	
190100	HOME ECONOMICS, OTHER GENERAL
190200	BUSINESS HOME ECONOMICS, OTHER
190300	FAMILY AND COMMUNITY SERVICES, OTHER
190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER
190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER
190600	HUMAN ENVIRONMENT AND HOUSING, OTHER
190700	INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER
190800	INTERNATIONAL/COMPARATIVE HOME ECONOMICS, OTHER
190900	TEXTILES AND CLOTHING, OTHER
199900	HOME ECONOMICS, OTHER
200100	CONSUMER AND HOMEMAKING HOME ECONOMICS, OTHER
200111	HOME ECONOMICS 7
200112	HOME ECONOMICS 8
200113	HOME ECONOMICS 1
200114	HOME ECONOMICS 2
200115	HOME ECONOMICS 3
200116	HOME ECONOMICS 4
200117	ADULT ROLES AND FUNCTIONS

CSSC CODE	TITLE
200118	COMPREHENSIVE CONSUMER AND HOMEMAKING HOME ECONOMICS, INDEPENDENT
200121	CHILD DEVELOPMENT 8
200122	CHILD DEVELOPMENT 1
200123	CHILD DEVELOPMENT 2
200124	CHILD DEVELOPMENT 3
200125	CHILD DEVELOPMENT 4
200131	CLOTHING 7
200132	CLOTHING 8
200133	CLOTHING 1
200134	CLOTHING 2
200135	CLOTHING 3
200136	CLOTHING 4
200137	TAILORING
200141	CONSUMER EDUCATION
200142	CONSUMER EDUCATION 2
200153	HOME ECONOMICS LABORATORY ASSISTANT
200154	HOME ECONOMICS LEADERSHIP
200161	FAMILY HEALTH 1
200162	FAMILY HEALTH 2
200171	FAMILY RELATIONS
200172	MARRIAGE, SOCIETY AND CHANGE
200173	PARENTHOOD
200181	FOODS AND NUTRITION 7
200182	FOODS AND NUTRITION 8
200183	FOODS 1
200184	FOODS 2
200185	FOODS 3
200186	FOODS 4
200187	INTERNATIONAL FOODS
200188	NUTRITION
200191	HOME MANAGEMENT 1
200192	HOME MANAGEMENT 2
554011	GENERAL HOME ECONOMICS 1
554021	GENERAL HOME ECONOMICS 2
554031	GENERAL HOME ECONOMICS 3
554111	CHILD DEVELOPMENT 1
554121	CHILD DEVELOPMENT 2
554211	CLOTHING AND TEXTILES 1
554221	CLOTHING AND TEXTILES 2
554311	FOOD AND NUTRITION 1
554321	FOOD AND NUTRITION 2
554511	HOME ECONOMICS WORK EXPERIENCE 1
554521	HOME ECONOMICS WORK EXPERIENCE 2
STUB0900 - General Labor Market Preparation	
010151	AGRICULTURAL MATHEMATICS
060511	BUSINESS ECONOMICS
070171	BUSINESS MATHEMATICS 1
070172	BUSINESS MATHEMATICS 2
070411	BUSINESS ENGLISH 1
070412	BUSINESS ENGLISH 2
070711	TYPEWRITING 1
070721	TYPEWRITING, PERSONAL
080321	JUNIOR ACHIEVEMENT
170651	NURSE'S MATHEMATICS
210100	INDUSTRIAL ARTS, OTHER
210101	INDUSTRIAL ARTS 7
210102	INDUSTRIAL ARTS 8
210103	INDUSTRIAL ARTS 1
210104	INDUSTRIAL ARTS 2
210105	INDUSTRIAL ARTS 3
210106	INDUSTRIAL ARTS 4
210107	INDUSTRY AND TECHNOLOGY
210108	INDUSTRIAL PRODUCTION
210109	INDUSTRIAL OCCUPATIONS 1
210119	ELECTRICITY AND ELECTRONICS, INTRODUCTION
230156	VOCATIONAL ENGLISH
320102	CAREER PREPARATION
320103	CAREER EXPLORATION
320104	WORK EXPERIENCE

CSSC CODE	TITLE
320105	WORK EXPERIENCE, ADVANCED
320141	JOINT EFFORT TRAINING
510101	EXECUTIVE INTERNSHIP
510102	EXECUTIVE INTERNSHIP 2
510103	INTERNATIONAL CAREERS INTERNSHIP
550101	CAREER EXPLORATION
550109	CAREER EXPLORATION, NOT FOR CREDIT
550201	GENERAL WORK-STUDY/EXPERIENCE
550209	GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT
550301	GENERAL WORK EXPERIENCE
550309	GENERAL WORK EXPERIENCE, NOT FOR CREDIT
550401	COMBINED VOCATIONAL/ACADEMIC PREPARATION
550409	COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT
551001	GENERAL PRE-VOCATIONAL PREPARATION
551009	GENERAL PRE-VOCATIONAL PREPARATION, NOT FOR CREDIT
551411	AGRICULTURAL WORK STUDY
552211	BUSINESS WORK STUDY 1
552221	BUSINESS WORK STUDY 2
553111	HEALTH OCCUPATIONS WORK STUDY 1
553121	HEALTH OCCUPATIONS WORK STUDY 2
554411	HOME ECONOMICS WORK STUDY 1
554421	HOME ECONOMICS WORK STUDY 2
555011	GENERAL INDUSTRIAL ARTS 1
555021	GENERAL INDUSTRIAL ARTS 2
555031	GENERAL INDUSTRIAL ARTS 3
556511	SERVICE OCCUPATIONS WORK STUDY 1
556521	SERVICE OCCUPATIONS WORK STUDY 2
557411	PRECISION PRODUCTION WORK STUDY 1
557421	PRECISION PRODUCTION WORK STUDY 2
558411	CONSTRUCTION TRADES WORK STUDY 1
558421	CONSTRUCTION TRADES WORK STUDY 2
563201	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS
563209	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS, NOT FOR CREDIT
563211	RESOURCE TRANSITION SKILLS
563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT
STUB0910 - Typewriting 1	
070711	TYPEWRITING 1
070721	TYPEWRITING, PERSONAL
STUB0920 - Introductory Industrial	
210100	INDUSTRIAL ARTS, OTHER
210101	INDUSTRIAL ARTS 7
210102	INDUSTRIAL ARTS 8
210103	INDUSTRIAL ARTS 1
210104	INDUSTRIAL ARTS 2
210105	INDUSTRIAL ARTS 3
210106	INDUSTRIAL ARTS 4
210107	INDUSTRY AND TECHNOLOGY
210108	INDUSTRIAL PRODUCTION
210109	INDUSTRIAL OCCUPATIONS 1
210119	ELECTRICITY AND ELECTRONICS, INTRODUCTION
STUB0930 - Work Experience / Career Exploration	
080321	JUNIOR ACHIEVEMENT
320102	CAREER PREPARATION
320103	CAREER EXPLORATION
320104	WORK EXPERIENCE
320105	WORK EXPERIENCE, ADVANCED
320141	JOINT EFFORT TRAINING
510101	EXECUTIVE INTERNSHIP

CSSC CODE	TITLE
510102	EXECUTIVE INTERNSHIP 2
510103	INTERNATIONAL CAREERS INTERNSHIP
550101	CAREER EXPLORATION
550109	CAREER EXPLORATION, NOT FOR CREDIT
550201	GENERAL WORK-STUDY/EXPERIENCE
550209	GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT
550301	GENERAL WORK EXPERIENCE
550309	GENERAL WORK EXPERIENCE, NOT FOR CREDIT
550401	COMBINED VOCATIONAL/ACADEMIC PREPARATION
550409	COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT
551001	GENERAL PRE-VOCATIONAL PREPARATION
551009	GENERAL PRE-VOCATIONAL PREPARATION, NOT FOR CREDIT
551411	AGRICULTURAL WORK STUDY
552211	BUSINESS WORK STUDY 1
552221	BUSINESS WORK STUDY 2
553111	HEALTH OCCUPATIONS WORK STUDY 1
553121	HEALTH OCCUPATIONS WORK STUDY 2
554411	HOME ECONOMICS WORK STUDY 1
554421	HOME ECONOMICS WORK STUDY 2
555011	GENERAL INDUSTRIAL ARTS 1
555021	GENERAL INDUSTRIAL ARTS 2
555031	GENERAL INDUSTRIAL ARTS 3
556511	SERVICE OCCUPATIONS WORK STUDY 1
556521	SERVICE OCCUPATIONS WORK STUDY 2
557411	PRECISION PRODUCTION WORK STUDY 1
557421	PRECISION PRODUCTION WORK STUDY 2
558411	CONSTRUCTION TRADES WORK STUDY 1
558421	CONSTRUCTION TRADES WORK STUDY 2
563201	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS
563209	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS, NOT FOR CREDIT
563211	RESOURCE TRANSITION SKILLS
563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT
STUB0940 - General Labor Market Skills	
010151	AGRICULTURAL MATHEMATICS
060511	BUSINESS ECONOMICS
070171	BUSINESS MATHEMATICS 1
070172	BUSINESS MATHEMATICS 2
070411	BUSINESS ENGLISH 1
070412	BUSINESS ENGLISH 2
170651	NURSE'S MATHEMATICS
230156	VOCATIONAL ENGLISH
STUB1000 - Specific Labor Market Preparation	
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER
010111	AGRIBUSINESS, INTRODUCTION
010121	AGRICULTURAL BUSINESS OPERATION
010131	FARM AND RANCH MANAGEMENT
010141	STATE AND COMMUNITY AGRICULTURE
010161	AGRICULTURAL MICROPROCESSING
010171	AGRICULTURE COOPERATIVES
010172	AGRICULTURAL COOPERATIVE EDUCATION 2
010181	AGRICULTURE, INDEPENDENT STUDY
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM
010200	AGRICULTURAL MECHANICS, OTHER
010211	AGRICULTURAL MECHANICS, GENERAL
010212	AGRICULTURAL MECHANICS 2
010213	AGRICULTURAL MECHANICS 3
010214	AGRICULTURAL MECHANICS 4
010221	WELDING, AGRICULTURAL
010231	POWER AND MACHINERY, AGRICULTURAL

CSSC CODE	TITLE
010241	FARM CONSTRUCTION
010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
010261	SOIL AND WATER MECHANICAL PRACTICES
010271	SURVEYING, AGRICULTURAL
010300	AGRICULTURAL PRODUCTION, OTHER
010311	AGRICULTURAL PRODUCTION, GENERAL
010312	AGRICULTURE TECHNOLOGY 1
010313	AGRICULTURE TECHNOLOGY 2
010321	ANIMAL PRODUCTION
010331	CROP PRODUCTION
010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
010411	AGRICULTURAL PRODUCTS AND PROCESSING 1
010412	AGRICULTURAL PRODUCTS AND PROCESSING 2
010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION
010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER
010511	AGRICULTURAL SUPPLIES MARKETING
010521	ANIMAL GROOMING
010600	HORTICULTURE, OTHER
010611	HORTICULTURE
010621	FLORICULTURE
010631	LANDSCAPING
010632	LANDSCAPING, ADVANCED
010641	GREENHOUSE MANAGEMENT
010651	NURSERY OPERATIONS AND MANAGEMENT
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE
010662	HORTICULTURAL MECHANICS 2
010671	TURF MANAGEMENT
010681	FRUIT AND VEGETABLE PRODUCTION
010700	INTERNATIONAL AGRICULTURE, OTHER
011421	AGRICULTURAL PRODUCTS, COOPERATIVE EDUCATION
019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER
020100	AGRICULTURAL SCIENCES, OTHER GENERAL
020111	AGRICULTURAL SCIENCES, GENERAL
020121	AGRICULTURAL OCCUPATIONS 1
020122	AGRICULTURAL OCCUPATIONS 2
020123	AGRICULTURAL OCCUPATIONS 3
020124	AGRICULTURAL OCCUPATIONS 4
020200	ANIMAL SCIENCES, OTHER
020211	ANIMAL SCIENCES 1
020212	ANIMAL SCIENCES 2
020221	LIVESTOCK 9
020222	LIVESTOCK 10
020231	POULTRY
020241	DAIRY PRODUCTION
020251	NUTRITION AND FEEDS
020261	HORSE PRODUCTION
020262	HORSESHOEING/FARRIER TRAINING
020271	SMALL ANIMAL PRODUCTION 1
020272	SMALL ANIMAL PRODUCTION 2
020281	FISH PRODUCTION
020300	FOOD SCIENCES, OTHER
020400	PLANT SCIENCES, OTHER
020411	AGRONOMY
020421	ORNAMENTAL HORTICULTURE 1
020422	ORNAMENTAL HORTICULTURE 2
020423	ORNAMENTAL HORTICULTURE 3
020500	SOIL SCIENCES, OTHER
020511	SOIL SCIENCES, GENERAL
020521	FERTILIZERS AND CHEMICALS
029900	AGRICULTURAL SCIENCES, OTHER
030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL
030200	CONSERVATION AND REGULATION, OTHER
030211	CONSERVATION AND REGULATION
030212	ENVIRONMENTAL MANAGEMENT 1
030213	ENVIRONMENTAL MANAGEMENT 2
030221	ENVIRONMENTAL MANAGEMENT - COOPERATIVE EDUCATION
030300	FISHING AND FISHERIES, OTHER

CSSC CODE	TITLE
030311	WATERMAN OCCUPATIONS
030400	FORESTRY PRODUCTION AND PROCESSING, OTHER
030500	FORESTRY AND RELATED SCIENCES, OTHER
030511	FORESTRY SCIENCE 1
030512	FORESTRY SCIENCE 2
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE
030600	WILDLIFE MANAGEMENT, OTHER
030611	WILDLIFE MANAGEMENT
030621	RURAL RECREATION
030711	MARINE MANAGEMENT/OCEANOGRAPHY 1
030712	MARINE MANAGEMENT/OCEANOGRAPHY 2
039900	RENEWABLE NATURAL RESOURCES, OTHER
040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL
040200	ARCHITECTURE, OTHER
040211	ARCHITECTURE, INTRODUCTION
040212	ARCHITECTURE, ADVANCED
040221	ARCHITECTURAL THEORY
040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER
040400	ENVIRONMENTAL DESIGN, OTHER
040500	INTERIOR DESIGN, OTHER
040511	INTERIOR DESIGN
040600	LANDSCAPE ARCHITECTURE, OTHER
040700	URBAN DESIGN, OTHER
049900	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL
060111	BUSINESS INTRODUCTION
060121	BUSINESS LAW
060131	BUSINESS, INDEPENDENT STUDY
060141	BUSINESS EDUCATION, COOPERATIVE
060151	IB BUSINESS AND MANAGEMENT
060200	ACCOUNTING, OTHER
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM
060300	BANKING AND FINANCE, OTHER
060311	FINANCIAL CAREERS
060321	REAL ESTATE FINANCE
060331	CONSUMER LENDING
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER
060411	BUSINESS ORGANIZATION AND MANAGEMENT
060500	BUSINESS ECONOMICS, OTHER
060600	HUMAN RESOURCES DEVELOPMENT, OTHER
060700	INSTITUTIONAL MANAGEMENT, OTHER
060711	HOTEL AND MOTEL MANAGEMENT
060712	HOTEL AND MOTEL TRAINING
060800	INSURANCE AND RISK MANAGEMENT, OTHER
060811	INSURANCE CAREERS
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER
061000	INVESTMENTS AND SECURITIES, OTHER
061011	INVESTMENTS AND TAXATION
061100	LABOR INDUSTRIAL RELATIONS, OTHER
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER
061300	MANAGEMENT SCIENCE, OTHER
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER
061411	MARKETING MANAGEMENT AND DECISION MAKING
061500	ORGANIZATIONAL BEHAVIOR, OTHER
061600	PERSONNEL MANAGEMENT, OTHER
061700	REAL ESTATE, OTHER
061711	REAL ESTATE MARKETING
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER
061811	SMALL BUSINESS MANAGEMENT
061900	TAXATION, OTHER
062000	TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT, OTHER
069900	BUSINESS AND MANAGEMENT, OTHER
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER
070111	BOOKKEEPING 1
070112	BOOKKEEPING 2
070121	ACCOUNTING 1
070122	ACCOUNTING 2
070131	ACCOUNTING, COLLEGE
070141	BOOKKEEPING AND ACCOUNTING 1
070142	BOOKKEEPING AND ACCOUNTING 2
070151	RECORDKEEPING 1
070152	RECORDKEEPING 2
070161	OFFICE MACHINES
070162	OFFICE MACHINES, VOCATIONAL
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER
070201	BANKING AND FINANCIAL CAREERS
070211	BANK TELLER
070221	FINANCIAL MATHEMATICS
070231	BANK PROOF OPERATOR
070241	BANK DATA ENTRY OCCUPATIONS
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER
070311	COMPUTERS IN BUSINESS
070321	BUSINESS DATA PROCESSING 1
070322	BUSINESS DATA PROCESSING 2
070331	BUSINESS COMPUTER PROGRAMMING 1
070332	BUSINESS COMPUTER PROGRAMMING 2
070341	KEY PUNCH OPERATOR
070351	DATA ENTRY OPERATOR 1
070352	DATA ENTRY OPERATOR 2
070361	KEYBOARDING
070371	PERIPHERAL COMPUTER OPERATOR
070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER
070413	BUSINESS ENGLISH 3
070414	BUSINESS ENGLISH 4
070500	PERSONNEL AND TRAINING PROGRAMS, OTHER
070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
070611	SHORTHAND 1
070612	SHORTHAND 2
070621	TRANSCRIPTION
070631	SECRETARIAL ADMINISTRATION 1
070632	SECRETARIAL ADMINISTRATION 2
070641	WORD PROCESSING 1
070642	WORD PROCESSING 2
070643	WORD PROCESSING 3
070651	REPROGRAPHICS
070661	LEGAL OFFICE PROCEDURES
070662	COURT REPORTER
070671	MEDICAL OFFICE PROCEDURES
070681	LEGAL/MEDICAL OFFICE PROCEDURES
070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER
070712	TYPEWRITING 2
070713	TYPEWRITING 3
070731	OFFICE PROCEDURES 1
070732	OFFICE PROCEDURES 2
070733	SIMULATED OFFICE
070741	OFFICE EDUCATION 1, COOPERATIVE
070742	OFFICE EDUCATION 2, COOPERATIVE
079900	BUSINESS AND OFFICE, OTHER
080100	APPAREL AND ACCESSORIES MARKETING, OTHER
080111	FASHION MERCHANDISING
080121	FASHION DESIGN AND ILLUSTRATION
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER
080300	ENTREPRENEURSHIP, OTHER
080311	STARTING YOUR OWN BUSINESS
080331	E-COMMERCE
080400	FINANCIAL SERVICES MARKETING, OTHER
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER

CSSC CODE	TITLE
080511	FLORAL SALES
080600	FOOD MARKETING, OTHER
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW
080612	GROCERY MANAGEMENT
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1
080622	FOOD MARKETING - COOPERATIVE EDUCATION 2
080700	GENERAL MARKETING, OTHER
080711	DISTRIBUTIVE EDUCATION 1
080712	DISTRIBUTIVE EDUCATION 2
080713	DISTRIBUTIVE EDUCATION 3
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE
080731	SALESMANSHIP
080741	RETAIL LEARNING LABORATORY
080751	CASHIER CHECKER TRAINING
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY
080781	TELEPHONE SERVICE REPRESENTATIVE
080782	TELEPHONE DIRECTORY ASSISTANT
080800	HOME AND OFFICE PRODUCTS MARKETING, OTHER
080811	COMPUTER SALES REPRESENTATIVE
080900	HOSPITALITY AND RECREATION MARKETING, OTHER
080911	ORIENTATION TO HOSPITALITY CAREERS
080921	HOSPITALITY SALES 1
080922	HOSPITALITY SALES 2
081000	INSURANCE MARKETING, OTHER
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER
081111	TOURISM SERVICES
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION
081200	VEHICLES AND PETROLEUM MARKETING, OTHER
081211	AUTO PARTS MERCHANDISING
081221	AUTOMOTIVE PROFESSIONAL TRAINING
089900	MARKETING AND DISTRIBUTION, OTHER
090200	ADVERTISING, OTHER
090211	ADVERTISING
090600	RADIO/TELEVISION NEWS BROADCAST, OTHER
090611	BROADCAST JOURNALISM
090612	CAREERS IN RADIO/TELEVISION BROADCASTING
090700	RADIO/TELEVISION, OTHER GENERAL
090711	BROADCASTING, INTRODUCTION
090831	CRYPTOGRAPHY
100100	COMMUNICATION TECHNOLOGIES, OTHER
100111	WORLD OF COMMUNICATIONS
100121	COMMUNICATIONS MEDIA PRODUCTION
100131	PHOTOGRAPHY, COMMERCIAL
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL
100141	BROADCAST MANAGEMENT 1
100142	BROADCAST MANAGEMENT 2
100143	BROADCASTING PRACTICUM
100151	FILM MAKING AND PRODUCTION 1
100152	FILM MAKING AND PRODUCTION 2
100161	RADIO PRODUCTION
100171	TELEVISION PRODUCTION 1
100172	TELEVISION PRODUCTION 2
100173	TELEVISION PRODUCTION 3
100174	TELEVISION PRODUCTION 4
100181	CABLE TELEVISION
100191	RADIO/TELEVISION PRODUCTION 1
100192	RADIO/TELEVISION PRODUCTION 2
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL
110112	INTRODUCTION TO INTERNET AND THE WORLD WIDE WEB
110131	COMPUTER APPLICATIONS
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY
110141	COMPUTER SCIENCES 3
110142	IB COMPUTER SCIENCE
110143	AP COMPUTER SCIENCE A
110144	AP COMPUTER SCIENCE AB

CSSC CODE	TITLE
110151	ARTIFICIAL INTELLIGENCE
110152	MULTIMEDIA COMPUTER APPLICATIONS
110161	DESKTOP COMPUTER APPLICATION SUITES
110200	COMPUTER PROGRAMMING, OTHER
110211	COMPUTER PROGRAMMING 1
110212	COMPUTER PROGRAMMING 2
110213	COMPUTER PROGRAMMING 3
110221	FORTRAN, INTRODUCTION
110231	PASCAL, INTRODUCTION
110232	ADVANCED PASCAL
110241	BASIC, INTRODUCTION
110242	ADVANCED BASIC
110251	COBOL, INTRODUCTION
110252	ADVANCED COBOL
110261	LOGO, INTRODUCTION
110271	RPG PROGRAMMING, INTRODUCTION
110272	C PROGRAMMING
110273	C++ PROGRAMMING
110300	DATA PROCESSING, OTHER
110311	DATA PROCESSING, INTRODUCTION
110312	DATA PROCESSING, INTERMEDIATE
110313	DATA PROCESSING, ADVANCED
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION
110601	HTML
110602	JAVA, JAVA SCRIPT
110603	WEB SITE DESIGN, DEVELOPMENT
110604	NETWORK ADMINISTRATION/MANAGEMENT
120100	DRY CLEANING AND LAUNDERING SERVICES, OTHER
120111	DRY CLEANING 1
120112	DRY CLEANING 2
120300	FUNERAL SERVICES, OTHER
120400	PERSONAL SERVICES, OTHER
120411	COSMETOLOGY
120412	COSMETOLOGY 2
120413	COSMETOLOGY 3
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 1
120415	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 2
120421	BARBERING 1
120422	BARBERING 2
120423	BARBERING 3
120431	PERSONAL SERVICES OCCUPATIONS
120511	GENERAL SERVICES OCCUPATIONS 1
120512	GENERAL SERVICES OCCUPATIONS 2
120513	GENERAL SERVICES OCCUPATIONS 3
120514	GENERAL SERVICES OCCUPATIONS 4
120521	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 1
120522	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 2
120523	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 3
120531	INDUSTRIAL MAINTENANCE/MECHANICS 1
120532	INDUSTRIAL MAINTENANCE/MECHANICS 2
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER
150100	ARCHITECTURAL TECHNOLOGIES, OTHER
150111	STRUCTURAL ENGINEERING TECHNICIAN
150200	CIVIL TECHNOLOGIES, OTHER
150211	SURVEYING
150221	CIVIL ENGINEERING TECHNICIAN
150300	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER
150311	AUDIO ELECTRONICS
150321	ELECTRICAL TECHNOLOGY
150331	ELECTRONIC TECHNOLOGY 1
150332	ELECTRONIC TECHNOLOGY 2
150333	ELECTRONICS FABRICATION
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN

CSSC CODE	TITLE
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES, OTHER
150411	ELECTROMECHANICAL TECHNOLOGY 1
150412	ELECTROMECHANICAL TECHNOLOGY 2
150421	INSTRUMENTATION TECHNOLOGY
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER
150601	INDUSTRIAL RESEARCH AND DEVELOPMENT
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2
150621	CHEMICAL MANUFACTURING TECHNOLOGY
150631	OPTICS TECHNOLOGY
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER
150711	QUALITY CONTROL TECHNOLOGY
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER
150811	AUTOMOTIVE DESIGN AND TECHNOLOGY
150821	MECHANICAL ENGINEERING TECHNOLOGY
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER
150911	MINING TECHNOLOGY
150921	PETROLEUM TECHNOLOGY
151001	PC OPERATING SYSTEMS
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER
170100	DENTAL SERVICES, OTHER
170111	DENTAL ASSISTANT 1
170112	DENTAL ASSISTANT 2
170121	DENTAL ASSISTANT, COOPERATIVE
170131	DENTAL TECHNOLOGY 1
170132	DENTAL TECHNOLOGY 2
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER
170211	FIRST AID
170221	EKG TECHNICIAN
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER
170311	LABORATORY PROGRAM 1
170312	LABORATORY PROGRAM 2
170321	CHEMICAL TECHNOLOGY 1
170322	CHEMICAL TECHNOLOGY 2
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER
170411	HOME HEALTH AIDE
170421	COMMUNITY HEALTH
170431	MENTAL HEALTH WORKER
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER
170511	HEALTH OCCUPATIONS 1
170521	HEALTH OCCUPATIONS 2
170522	CENTRAL SERVICE TECHNICIAN
170531	MEDICAL TERMINOLOGY
170541	MEDICAL RECORDS SECRETARY
170551	MEDICAL ASSISTING
170571	VETERINARY SCIENCE
170581	CHEMISTRY FOR HEALTH SCIENCE
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1
170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2
170600	NURSING-RELATED SERVICES, OTHER
170611	STUDENT ASSESSMENT OF CHILD HEALTH
170621	NURSING, PRACTICAL
170631	NURSE'S AIDE AND ORDERLY
170641	NURSE'S AIDE, COOPERATIVE
170700	OPHTHALMIC SERVICES, OTHER
170711	OPTICAL SERVICES ASSISTANT
170800	REHABILITATION SERVICES, OTHER
179900	ALLIED HEALTH, OTHER
180100	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER
180200	BASIC CLINICAL HEALTH SCIENCES, OTHER
180300	CHIROPRACTIC, OTHER
180400	DENTISTRY, OTHER

CSSC CODE	TITLE
180500	EMERGENCY/DISASTER SCIENCE, OTHER
180600	EPIDEMIOLOGY, OTHER
180700	HEALTH SCIENCES ADMINISTRATION, OTHER
180800	HEMATOLOGY, OTHER
180900	MEDICAL LABORATORY, OTHER
181000	MEDICINE, OTHER
181100	NURSING, OTHER
181200	OPTOMETRY, OTHER
181300	OSTEOPATHIC MEDICINE, OTHER
181400	PHARMACY, OTHER
181411	PHARMACY TECHNICIAN
181500	PODIATRY, OTHER
181600	POPULATION AND FAMILY PLANNING, OTHER
181700	PRE-DENTISTRY, OTHER
181800	PRE-MEDICINE, OTHER
181801	MEDICAL ETHICS
181900	PRE-PHARMACY, OTHER
182000	PRE-VETERINARY, OTHER
182100	PROSECTORIAL SCIENCE, OTHER
182200	PUBLIC HEALTH LABORATORY SCIENCE, OTHER
182300	TOXICOLOGY (CLINICAL), OTHER
182400	VETERINARY MEDICINE, OTHER
182501	BIO-MEDICAL TECHNOLOGY, GENERAL
189900	HEALTH SCIENCES, OTHER
200126	CURRENT ISSUES IN CHILD DEVELOPMENT
200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY
200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER
200211	CHILD CARE SERVICES
200221	CHILD CARE AIDE
200231	CHILD CARE MANAGEMENT
200241	FOSTER CARE AND FAMILY CARE
200251	TEACHER AIDE/ELEMENTARY
200252	TEACHER AIDE/SECONDARY
200261	CHILD CARE - COOPERATIVE EDUCATION 1
200262	CHILD CARE - COOPERATIVE EDUCATION 2
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200311	CLOTHING OCCUPATIONS 1
200312	CLOTHING OCCUPATIONS 2
200313	CLOTHING OCCUPATIONS 3
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2
200321	CLOTHING MAINTENANCE AIDE
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION
200341	CUSTOM APPAREL CONSTRUCTION
200351	CUSTOM TAILORING AND ALTERATION
200361	WEDDING AND SPECIALTY CONSULTING
200371	FASHION AND FABRIC COORDINATION
200381	TEXTILES TESTING
200391	CLOTHING PRODUCTION MANAGEMENT
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER
200411	FOOD SERVICE TRAINING
200412	FOOD SERVICE TRAINING 2
200413	FOOD SERVICES/RESTAURANT MANAGEMENT
200421	FOOD SERVICE COOPERATIVE TRAINING
200431	BAKING
200441	CHEF
200451	CATERING
200461	DIETETIC AIDE
200471	FOOD TESTING
200481	SCHOOL FOOD SERVICE

CSSC CODE	TITLE
200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200511	HOUSING AND INTERIOR DESIGN 1
200512	HOUSING AND INTERIOR DESIGN 2
200513	INTERIOR DESIGN OCCUPATIONS
200521	FLORAL DESIGN
200531	HOME DECORATING
200541	HOME FURNISHINGS AIDE
200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN
200561	CUSTOM SLIPCOVERING AND UPHOLSTERING
200571	HOME SERVICE ASSISTING 1
200572	HOME SERVICE ASSISTING 2
200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1
200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER
200611	CUSTODIAL SERVICES
200621	EXECUTIVE HOUSEKEEPING
200631	HOMEMAKER'S AIDE
200641	COMPANION TO THE AGED
200642	GERIATRICS 2
200643	GERIATRICS - COOPERATIVE EDUCATION 1
200644	GERIATRICS - COOPERATIVE EDUCATION 2
200651	CONSUMER AIDE
200661	THERAPEUTIC RECREATION AIDE
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATION
209900	VOCATIONAL HOME ECONOMICS, OTHER
210110	INDUSTRIAL OCCUPATIONS 2
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED
210113	ELECTRICITY 1
210114	ELECTRICITY 2
210115	ELECTRONICS 1
210116	ELECTRONICS 2
210117	ELECTRONICS 3
210118	ELECTRONICS 4
210120	ELECTRICITY AND ELECTRONICS, ADVANCED
210121	MACHINE SHOP 1
210122	MACHINE SHOP 2
210123	MACHINE SHOP 3
210124	MACHINE SHOP 4
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE
210126	INDUSTRIAL ARTS RESEARCH
210127	INTRODUCTION TO TECHNOLOGY
210130	ELECTRICITY - COOPERATIVE EDUCATION 1
210131	ELECTRICITY - COOPERATIVE EDUCATION 2
210140	ELECTRONICS - COOPERATIVE EDUCATION 1
210141	ELECTRONICS - COOPERATIVE EDUCATION 2
210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1
210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2
250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL
250111	LIBRARY SCIENCE
250200	ARCHIVAL SCIENCE, OTHER
250300	LIBRARY ASSISTING, OTHER
250311	LIBRARY ASSISTANT
250400	LIBRARY SCIENCE, OTHER
250500	MUSEOLOGY, OTHER
259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER
310100	PARKS AND RECREATION, OTHER GENERAL
310211	WINTER/SKI RESORT OPERATION
310300	PARKS AND RECREATION MANAGEMENT, OTHER
310400	WATER RESOURCES, OTHER
319900	PARKS AND RECREATION, OTHER
320106	COOPERATIVE EDUCATION 1
320107	COOPERATIVE EDUCATION 2

CSSC CODE	TITLE
320120	TEST TAKING, GENERAL (CHANGED TO 320221)
320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED
320131	COORDINATED VOCATIONAL AND ACADEMIC EDUCATION (CVAE)
410100	BIOLOGICAL TECHNOLOGIES, OTHER
410200	NUCLEAR TECHNOLOGIES, OTHER
410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
419900	SCIENCE TECHNOLOGIES, OTHER
430300	INTERNATIONAL PUBLIC SERVICE, OTHER
430311	SECURITY GUARD
460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING, OTHER
460111	MASONRY 1
460112	MASONRY 2
460113	MASONRY 3
460121	TILE SETTING AND PLASTERING
460131	CONCRETE TECHNICIAN
460200	CARPENTRY, OTHER
460211	CARPENTRY 1
460212	CARPENTRY 2
460213	CARPENTRY 3
460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION, OTHER
460311	HOUSEWIRING 1
460312	HOUSEWIRING 2
460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
460411	BUILDING CONSTRUCTION 1
460412	BUILDING CONSTRUCTION 2
460413	BUILDING CONSTRUCTION 3
460421	PAINTING AND DECORATING
460422	FLOORING INSTALLATION
460431	BUILDING MAINTENANCE
460432	BUILDING MAINTENANCE 2
460441	HOME MAINTENANCE AND REPAIR
460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1
460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2
460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER
460511	PLUMBING 1
460512	PLUMBING 2
469900	CONSTRUCTION TRADES, OTHER
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
470111	SMALL APPLIANCE REPAIR
470121	RADIO AND TV REPAIR 1
470122	RADIO AND TV REPAIR 2
470123	RADIO AND TV REPAIR 3
470124	TELECOMMUNICATIONS TECHNICIAN
470131	APPLIANCE REPAIR 1
470132	APPLIANCE REPAIR 2
470141	VENDING MACHINE REPAIR
470151	BUSINESS MACHINE REPAIR
470161	INDUSTRIAL ELECTRICITY
470171	INDUSTRIAL ELECTRONICS
470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/REPAIR
470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED
470213	AIR CONDITIONING, REFRIGERATION, AND HEATING 3
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER
470311	INDUSTRIAL MECHANICS 1
470312	INDUSTRIAL MECHANICS 2
470321	DIESEL MECHANICS
470331	INDUSTRIAL MAINTENANCE MECHANICS 1

CSSC CODE	TITLE
470332	INDUSTRIAL MAINTENANCE MECHANICS 2
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2
470343	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 3
470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER
470411	MUSICAL INSTRUMENT REPAIR
470421	INSTRUMENT MAINTENANCE AND REPAIR
470431	SHOE REPAIR AND ORTHOPEDICS 1
470432	SHOE REPAIR AND ORTHOPEDICS 2
470433	WATCH AND CLOCK REPAIR
470434	BICYCLE REPAIR
470500	STATIONARY ENERGY SOURCES, OTHER
470511	POWER MECHANICS 1
470512	POWER MECHANICS 2
470513	POWER MECHANICS 3
470514	POWER MECHANICS 4
470521	HYDRAULICS AND PNEUMATICS
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, OTHER
470611	SMALL ENGINE REPAIR 1
470612	SMALL ENGINE REPAIR 2
470621	AUTO MECHANICS 1
470622	AUTO MECHANICS 2
470623	AUTO MECHANICS 3
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2
470631	AUTO BODY 1
470632	AUTO BODY 2
470633	AUTO BODY 3
470641	AUTO SERVICE 1
470642	AUTO SERVICE 2
470651	CONSUMER AUTO
470661	AIRFRAMES 1
470662	AIRFRAMES 2
470671	AVIATION POWERPLANT 1
470672	AVIATION POWERPLANT 2
470673	AVIATION POWERPLANT 3
470674	AVIATION POWERPLANT 4
470681	AVIATION QUALITY CONTROL 1
470682	AVIATION QUALITY CONTROL 2
470691	AIRCRAFT SHEETMETAL 1
470692	AIRCRAFT SHEETMETAL 2
479900	MECHANICS AND REPAIRERS, OTHER
480100	DRAFTING, OTHER
480111	MECHANICAL DRAWING 1
480112	MECHANICAL DRAWING 2
480113	MECHANICAL DRAWING 3
480114	MECHANICAL DRAWING 4
480121	ARCHITECTURAL DRAWING 1
480122	ARCHITECTURAL DRAWING 2
480123	ARCHITECTURAL DRAWING 3
480124	ARCHITECTURAL DRAWING 4
480131	ENGINEERING DRAWING 1
480132	ENGINEERING DRAWING 2
480141	BLUEPRINT READING
480151	DRAFTING 1, COOPERATIVE
480152	DRAFTING 2, COOPERATIVE
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER
480211	COMMERCIAL ART 1
480212	COMMERCIAL ART 2
480213	COMMERCIAL ART, COOPERATIVE
480214	COMMERCIAL ART 3
480221	GRAPHIC ARTS 1
480222	GRAPHIC ARTS 2
480223	GRAPHIC ARTS 3
480224	GRAPHIC ARTS 4
480231	SIGN PAINTING 1
480232	SIGN PAINTING 2
480233	SIGN PAINTING 3

CSSC CODE	TITLE
480241	BINDERY
480251	ELECTRONIC COMPOSITION
480261	COPY EDITING
480271	DESKTOP PUBLISHING
480281	DIGITAL DESIGN 1
480282	DIGITAL DESIGN 2
480283	DIGITAL DESIGN 3
480300	LEATHERWORKING AND UPHOLSTERING, OTHER
480311	LEATHERWORK 1
480312	LEATHERWORK 2
480321	UPHOLSTERY
480322	UPHOLSTERY, ADVANCED
480331	AUTO UPHOLSTERY
480400	PRECISION FOOD PRODUCTION, OTHER
480411	MEATCUTTING 1
480412	MEATCUTTING 2
480500	PRECISION METAL WORK, OTHER
480511	METAL 1
480512	METAL 2
480513	METAL 3
480514	METAL 4
480521	WELDING 1
480522	WELDING 2
480523	WELDING 3
480524	WELDING - COOPERATIVE EDUCATION
480531	SHEET METAL 1
480532	SHEET METAL 2
480541	METAL RESTORATION
480551	FOUNDRY 1
480552	FOUNDRY 2
480600	PRECISION WORK, ASSORTED MATERIALS, OTHER
480611	PLASTICS 1
480612	PLASTICS 2
480621	SPACE AGE PLASTICS
480700	WOODWORKING, OTHER
480711	WOODWORKING 1
480712	WOODWORKING 2
480713	WOODWORKING 3
480714	WOODWORKING 4
480721	FURNITURE REFINISHING
480731	CABINETMAKING 1
480732	CABINETMAKING 2
489900	PRECISION PRODUCTION, OTHER
490100	AIR TRANSPORTATION, OTHER
490111	AERONAUTICS 1
490112	AERONAUTICS 2
490121	AVIATION TECHNOLOGY 1
490122	AVIATION TECHNOLOGY 2
490123	AVIATION TECHNOLOGY 3
490124	AVIATION TECHNOLOGY 4
490131	AIR TRAVEL SERVICE OCCUPATIONS
490141	AIRCRAFT PARTS MANAGEMENT 1
490142	AIRCRAFT PARTS MANAGEMENT 2
490200	VEHICLE AND EQUIPMENT OPERATION, OTHER
490211	FORKLIFT OPERATOR
490212	TRACTOR-TRAILER TRUCK DRIVING
490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
490214	BUS DRIVER/CHAUFFEUR
490300	WATER TRANSPORTATION, OTHER
490311	MARINE MECHANICS, BASIC
490312	MARINE MECHANICS, ADVANCED
490321	BOAT BUILDING
490331	NAVIGATION
490341	AQUATIC OCCUPATIONS
490411	INTRODUCTION TO TRANSPORTATION INDUSTRY
490412	TRANSPORTATION TECHNOLOGY 2
490421	TRANSPORTATION/TRAFFIC TECHNICIAN
499900	TRANSPORTATION AND MATERIAL MOVING, OTHER
500400	DESIGN, OTHER
500411	GRAPHIC DESIGN
500800	GRAPHIC ARTS TECHNOLOGY, OTHER
500811	COMPUTER GRAPHICS DESIGN

CSSC CODE	TITLE
550001	GENERAL PREVOCATIONAL PREPARATION
551011	GENERAL AGRICULTURE 1
551021	GENERAL AGRICULTURE 2
551031	GENERAL AGRICULTURE 3
551111	ANIMAL CARE 1
551121	ANIMAL CARE 2
551211	PLANT CARE 1
551221	PLANT CARE 2
551311	AGRICULTURAL MECHANICS 1
551321	AGRICULTURAL MECHANICS 2
551511	AGRICULTURAL WORK EXPERIENCE
552011	GENERAL OFFICE PRACTICE 1
552021	GENERAL OFFICE PRACTICE 2
552031	GENERAL OFFICE PRACTICE 3
552111	OFFICE MACHINES 1
552121	OFFICE MACHINES 2
552311	BUSINESS WORK EXPERIENCE 1
552321	BUSINESS WORK EXPERIENCE 2
553011	GENERAL HEALTH OCCUPATIONS 1
553021	GENERAL HEALTH OCCUPATIONS 2
553031	GENERAL HEALTH OCCUPATIONS 3
553211	HEALTH OCCUPATIONS WORK EXPERIENCE 1
553221	HEALTH OCCUPATIONS WORK EXPERIENCE 2
556111	COSMETOLOGY/BARBER 1
556121	COSMETOLOGY/BARBER 2
556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1
556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2
556311	FOOD SERVICES 1
556321	FOOD SERVICES 2
556411	MISCELLANEOUS SERVICES 1
556421	MISCELLANEOUS SERVICES 2
556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1
556621	SERVICE OCCUPATIONS WORK EXPERIENCE 2
557111	GRAPHIC AND PRINTING COMMUNICATIONS 1
557211	LEATHERWORK AND UPHOLSTERY 1
557221	LEATHERWORK AND UPHOLSTERY 2
557311	MEATCUTTING 1
557321	MEATCUTTING 2
557511	PRECISION PRODUCTION WORK EXPERIENCE 1
557521	PRECISION PRODUCTION WORK EXPERIENCE 2
558011	GENERAL CONSTRUCTION TRADES 1
558021	GENERAL CONSTRUCTION TRADES 2
558031	GENERAL CONSTRUCTION TRADES 3
558111	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1
558121	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2
558211	CARPENTRY 1
558221	CARPENTRY 2
558311	PLUMBING 1
558321	PLUMBING 2
558511	CONSTRUCTION TRADES WORK EXPERIENCE 1
558521	CONSTRUCTION TRADES WORK EXPERIENCE 2
559011	AUTO SERVICE 1
559021	AUTO SERVICE 2
559111	AUTO SERVICE, WORK EXPERIENCE 1
559121	AUTO SERVICE, WORK EXPERIENCE 2

STUB1010 - Agriculture / Renewable Resources

CSSC CODE	TITLE
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER
010111	AGRIBUSINESS, INTRODUCTION
010121	AGRICULTURAL BUSINESS OPERATION
010131	FARM AND RANCH MANAGEMENT
010141	STATE AND COMMUNITY AGRICULTURE
010161	AGRICULTURAL MICROPROCESSING
010171	AGRICULTURE COOPERATIVES
010172	AGRICULTURAL COOPERATIVE EDUCATION 2
010181	AGRICULTURE, INDEPENDENT STUDY
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM
010200	AGRICULTURAL MECHANICS, OTHER
010211	AGRICULTURAL MECHANICS, GENERAL
010212	AGRICULTURAL MECHANICS 2
010213	AGRICULTURAL MECHANICS 3
010214	AGRICULTURAL MECHANICS 4
010221	WELDING, AGRICULTURAL
010231	POWER AND MACHINERY, AGRICULTURAL
010241	FARM CONSTRUCTION
010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
010261	SOIL AND WATER MECHANICAL PRACTICES
010271	SURVEYING, AGRICULTURAL
010300	AGRICULTURAL PRODUCTION, OTHER
010311	AGRICULTURAL PRODUCTION, GENERAL
010312	AGRICULTURE TECHNOLOGY 1
010313	AGRICULTURE TECHNOLOGY 2
010321	ANIMAL PRODUCTION
010331	CROP PRODUCTION
010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
010411	AGRICULTURAL PRODUCTS AND PROCESSING 1
010412	AGRICULTURAL PRODUCTS AND PROCESSING 2
010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION
010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER
010511	AGRICULTURAL SUPPLIES MARKETING
010521	ANIMAL GROOMING
010600	HORTICULTURE, OTHER
010611	HORTICULTURE
010621	FLORICULTURE
010631	LANDSCAPING
010632	LANDSCAPING, ADVANCED
010641	GREENHOUSE MANAGEMENT
010651	NURSERY OPERATIONS AND MANAGEMENT
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE
010662	HORTICULTURAL MECHANICS 2
010671	TURF MANAGEMENT
010681	FRUIT AND VEGETABLE PRODUCTION
010700	INTERNATIONAL AGRICULTURE, OTHER
011421	AGRICULTURAL PRODUCTS, COOPERATIVE EDUCATION
019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER
020100	AGRICULTURAL SCIENCES, OTHER GENERAL
020111	AGRICULTURAL SCIENCES, GENERAL
020121	AGRICULTURAL OCCUPATIONS 1
020122	AGRICULTURAL OCCUPATIONS 2
020123	AGRICULTURAL OCCUPATIONS 3
020124	AGRICULTURAL OCCUPATIONS 4
020200	ANIMAL SCIENCES, OTHER
020211	ANIMAL SCIENCES 1
020212	ANIMAL SCIENCES 2
020221	LIVESTOCK 9
020222	LIVESTOCK 10
020231	POULTRY
020241	DAIRY PRODUCTION
020251	NUTRITION AND FEEDS
020261	HORSE PRODUCTION
020262	HORSESHOEING/FARRIER TRAINING
020271	SMALL ANIMAL PRODUCTION 1
020272	SMALL ANIMAL PRODUCTION 2
020281	FISH PRODUCTION
020300	FOOD SCIENCES, OTHER
020400	PLANT SCIENCES, OTHER
020411	AGRONOMY
020421	ORNAMENTAL HORTICULTURE 1
020422	ORNAMENTAL HORTICULTURE 2
020423	ORNAMENTAL HORTICULTURE 3
020500	SOIL SCIENCES, OTHER
020511	SOIL SCIENCES, GENERAL
020521	FERTILIZERS AND CHEMICALS
029900	AGRICULTURAL SCIENCES, OTHER
030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL

CSSC CODE	TITLE
030200	CONSERVATION AND REGULATION, OTHER
030211	CONSERVATION AND REGULATION
030212	ENVIRONMENTAL MANAGEMENT 1
030213	ENVIRONMENTAL MANAGEMENT 2
030221	ENVIRONMENTAL MANAGEMENT - COOPERATIVE EDUCATION
030300	FISHING AND FISHERIES, OTHER
030311	WATERMAN OCCUPATIONS
030400	FORESTRY PRODUCTION AND PROCESSING, OTHER
030500	FORESTRY AND RELATED SCIENCES, OTHER
030511	FORESTRY SCIENCE 1
030512	FORESTRY SCIENCE 2
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE
030600	WILDLIFE MANAGEMENT, OTHER
030611	WILDLIFE MANAGEMENT
030621	RURAL RECREATION
030711	MARINE MANAGEMENT/OCEANOGRAPHY 1
030712	MARINE MANAGEMENT/OCEANOGRAPHY 2
039900	RENEWABLE NATURAL RESOURCES, OTHER
170571	VETERINARY SCIENCE
310100	PARKS AND RECREATION, OTHER GENERAL
310300	PARKS AND RECREATION MANAGEMENT, OTHER
310400	WATER RESOURCES, OTHER
319900	PARKS AND RECREATION, OTHER
551011	GENERAL AGRICULTURE 1
551021	GENERAL AGRICULTURE 2
551031	GENERAL AGRICULTURE 3
551111	ANIMAL CARE 1
551121	ANIMAL CARE 2
551211	PLANT CARE 1
551221	PLANT CARE 2
551311	AGRICULTURAL MECHANICS 1
551321	AGRICULTURAL MECHANICS 2
551511	AGRICULTURAL WORK EXPERIENCE
STUB1020 - Business	
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL
060111	BUSINESS INTRODUCTION
060121	BUSINESS LAW
060131	BUSINESS, INDEPENDENT STUDY
060141	BUSINESS EDUCATION, COOPERATIVE
060151	IB BUSINESS AND MANAGEMENT
060200	ACCOUNTING, OTHER
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM
060300	BANKING AND FINANCE, OTHER
060311	FINANCIAL CAREERS
060321	REAL ESTATE FINANCE
060331	CONSUMER LENDING
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER
060411	BUSINESS ORGANIZATION AND MANAGEMENT
060500	BUSINESS ECONOMICS, OTHER
060600	HUMAN RESOURCES DEVELOPMENT, OTHER
060711	HOTEL AND MOTEL MANAGEMENT
060712	HOTEL AND MOTEL TRAINING
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER
061000	INVESTMENTS AND SECURITIES, OTHER
061011	INVESTMENTS AND TAXATION
061100	LABOR INDUSTRIAL RELATIONS, OTHER
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER
061300	MANAGEMENT SCIENCE, OTHER
061500	ORGANIZATIONAL BEHAVIOR, OTHER
061600	PERSONNEL MANAGEMENT, OTHER
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER
061811	SMALL BUSINESS MANAGEMENT
061900	TAXATION, OTHER
062000	TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT, OTHER
069900	BUSINESS AND MANAGEMENT, OTHER

CSSC CODE	TITLE
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER
070111	BOOKKEEPING 1
070112	BOOKKEEPING 2
070121	ACCOUNTING 1
070122	ACCOUNTING 2
070131	ACCOUNTING, COLLEGE
070141	BOOKKEEPING AND ACCOUNTING 1
070142	BOOKKEEPING AND ACCOUNTING 2
070151	RECORDKEEPING 1
070152	RECORDKEEPING 2
070161	OFFICE MACHINES
070162	OFFICE MACHINES, VOCATIONAL
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER
070201	BANKING AND FINANCIAL CAREERS
070211	BANK TELLER
070221	FINANCIAL MATHEMATICS
070231	BANK PROOF OPERATOR
070241	BANK DATA ENTRY OCCUPATIONS
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER
070311	COMPUTERS IN BUSINESS
070321	BUSINESS DATA PROCESSING 1
070322	BUSINESS DATA PROCESSING 2
070331	BUSINESS COMPUTER PROGRAMMING 1
070332	BUSINESS COMPUTER PROGRAMMING 2
070341	KEY PUNCH OPERATOR
070351	DATA ENTRY OPERATOR 1
070352	DATA ENTRY OPERATOR 2
070361	KEYBOARDING
070371	PERIPHERAL COMPUTER OPERATOR
070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER
070413	BUSINESS ENGLISH 3
070414	BUSINESS ENGLISH 4
070500	PERSONNEL AND TRAINING PROGRAMS, OTHER
070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
070611	SHORTHAND 1
070612	SHORTHAND 2
070621	TRANSCRIPTION
070631	SECRETARIAL ADMINISTRATION 1
070632	SECRETARIAL ADMINISTRATION 2
070641	WORD PROCESSING 1
070642	WORD PROCESSING 2
070643	WORD PROCESSING 3
070651	REPROGRAPHICS
070661	LEGAL OFFICE PROCEDURES
070662	COURT REPORTER
070671	MEDICAL OFFICE PROCEDURES
070681	LEGAL/MEDICAL OFFICE PROCEDURES
070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER
070712	TYPEWRITING 2
070713	TYPEWRITING 3
070731	OFFICE PROCEDURES 1
070732	OFFICE PROCEDURES 2
070733	SIMULATED OFFICE
070741	OFFICE EDUCATION 1, COOPERATIVE
070742	OFFICE EDUCATION 2, COOPERATIVE
079900	BUSINESS AND OFFICE, OTHER
080782	TELEPHONE DIRECTORY ASSISTANT
170541	MEDICAL RECORDS SECRETARY
200391	CLOTHING PRODUCTION MANAGEMENT
250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL
250111	LIBRARY SCIENCE
250200	ARCHIVAL SCIENCE, OTHER
250300	LIBRARY ASSISTING, OTHER
250311	LIBRARY ASSISTANT
250400	LIBRARY SCIENCE, OTHER
250500	MUSEOLOGY, OTHER
259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER

CSSC CODE	TITLE
310211	WINTER/SKI RESORT OPERATION
430300	INTERNATIONAL PUBLIC SERVICE, OTHER
430311	SECURITY GUARD
552011	GENERAL OFFICE PRACTICE 1
552021	GENERAL OFFICE PRACTICE 2
552031	GENERAL OFFICE PRACTICE 3
552111	OFFICE MACHINES 1
552121	OFFICE MACHINES 2
552311	BUSINESS WORK EXPERIENCE 1
552321	BUSINESS WORK EXPERIENCE 2
STUB1030 - Marketing and Distribution	
060700	INSTITUTIONAL MANAGEMENT, OTHER
060800	INSURANCE AND RISK MANAGEMENT, OTHER
060811	INSURANCE CAREERS
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER
061411	MARKETING MANAGEMENT AND DECISION MAKING
061700	REAL ESTATE, OTHER
061711	REAL ESTATE MARKETING
080100	APPAREL AND ACCESSORIES MARKETING, OTHER
080111	FASHION MERCHANDISING
080121	FASHION DESIGN AND ILLUSTRATION
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER
080300	ENTREPRENEURSHIP, OTHER
080311	STARTING YOUR OWN BUSINESS
080331	E-COMMERCE
080400	FINANCIAL SERVICES MARKETING, OTHER
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER
080511	FLORAL SALES
080600	FOOD MARKETING, OTHER
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW
080612	GROCERY MANAGEMENT
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1
080622	FOOD MARKETING - COOPERATIVE EDUCATION 2
080700	GENERAL MARKETING, OTHER
080711	DISTRIBUTIVE EDUCATION 1
080712	DISTRIBUTIVE EDUCATION 2
080713	DISTRIBUTIVE EDUCATION 3
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE
080731	SALESMANSHIP
080741	RETAIL LEARNING LABORATORY
080751	CASHIER CHECKER TRAINING
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY
080781	TELEPHONE SERVICE REPRESENTATIVE
080800	HOME AND OFFICE PRODUCTS MARKETING, OTHER
080811	COMPUTER SALES REPRESENTATIVE
080900	HOSPITALITY AND RECREATION MARKETING, OTHER
080911	ORIENTATION TO HOSPITALITY CAREERS
080921	HOSPITALITY SALES 1
080922	HOSPITALITY SALES 2
081000	INSURANCE MARKETING, OTHER
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER
081111	TOURISM SERVICES
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION
081200	VEHICLES AND PETROLEUM MARKETING, OTHER
081211	AUTO PARTS MERCHANDISING

CSSC CODE	TITLE
081221	AUTOMOTIVE PROFESSIONAL TRAINING
089900	MARKETING AND DISTRIBUTION, OTHER
090200	ADVERTISING, OTHER
090211	ADVERTISING
STUB1040 - Health	
170100	DENTAL SERVICES, OTHER
170111	DENTAL ASSISTANT 1
170112	DENTAL ASSISTANT 2
170121	DENTAL ASSISTANT, COOPERATIVE
170131	DENTAL TECHNOLOGY 1
170132	DENTAL TECHNOLOGY 2
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER
170211	FIRST AID
170221	EKG TECHNICIAN
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER
170311	LABORATORY PROGRAM 1
170312	LABORATORY PROGRAM 2
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER
170411	HOME HEALTH AIDE
170421	COMMUNITY HEALTH
170431	MENTAL HEALTH WORKER
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER
170511	HEALTH OCCUPATIONS 1
170521	HEALTH OCCUPATIONS 2
170522	CENTRAL SERVICE TECHNICIAN
170531	MEDICAL TERMINOLOGY
170551	MEDICAL ASSISTING
170581	CHEMISTRY FOR HEALTH SCIENCE
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1
170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2
170600	NURSING-RELATED SERVICES, OTHER
170611	STUDENT ASSESSMENT OF CHILD HEALTH
170621	NURSING, PRACTICAL
170631	NURSE'S AIDE AND ORDERLY
170641	NURSE'S AIDE, COOPERATIVE
170700	OPHTHALMIC SERVICES, OTHER
170711	OPTICAL SERVICES ASSISTANT
170800	REHABILITATION SERVICES, OTHER
179900	ALLIED HEALTH, OTHER
180100	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER
180200	BASIC CLINICAL HEALTH SCIENCES, OTHER
180300	CHIROPRACTIC, OTHER
180400	DENTISTRY, OTHER
180500	EMERGENCY/DISASTER SCIENCE, OTHER
180600	EPIDEMIOLOGY, OTHER
180700	HEALTH SCIENCES ADMINISTRATION, OTHER
180800	HEMATOLOGY, OTHER
180900	MEDICAL LABORATORY, OTHER
181000	MEDICINE, OTHER
181100	NURSING, OTHER
181200	OPTOMETRY, OTHER
181300	OSTEOPATHIC MEDICINE, OTHER
181400	PHARMACY, OTHER
181411	PHARMACY TECHNICIAN
181500	PODIATRY, OTHER
181600	POPULATION AND FAMILY PLANNING, OTHER
181700	PRE-DENTISTRY, OTHER
181800	PRE-MEDICINE, OTHER
181801	MEDICAL ETHICS
181900	PRE-PHARMACY, OTHER
182000	PRE-VETERINARY, OTHER
182100	PROSECTORIAL SCIENCE, OTHER
182200	PUBLIC HEALTH LABORATORY SCIENCE, OTHER
182300	TOXICOLOGY (CLINICAL), OTHER
182400	VETERINARY MEDICINE, OTHER
182501	BIO-MEDICAL TECHNOLOGY, GENERAL

CSSC CODE	TITLE
189900	HEALTH SCIENCES, OTHER
553011	GENERAL HEALTH OCCUPATIONS 1
553021	GENERAL HEALTH OCCUPATIONS 2
553031	GENERAL HEALTH OCCUPATIONS 3
553211	HEALTH OCCUPATIONS WORK EXPERIENCE 1
553221	HEALTH OCCUPATIONS WORK EXPERIENCE 2
STUB1050 - Occupational Home Economics	
040500	INTERIOR DESIGN, OTHER
040511	INTERIOR DESIGN
120100	DRY CLEANING AND LAUNDERING SERVICES, OTHER
120111	DRY CLEANING 1
120112	DRY CLEANING 2
120300	FUNERAL SERVICES, OTHER
120400	PERSONAL SERVICES, OTHER
120411	COSMETOLOGY
120412	COSMETOLOGY 2
120413	COSMETOLOGY 3
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 1
120415	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 2
120421	BARBERING 1
120422	BARBERING 2
120423	BARBERING 3
120431	PERSONAL SERVICES OCCUPATIONS
120511	GENERAL SERVICES OCCUPATIONS 1
120512	GENERAL SERVICES OCCUPATIONS 2
120513	GENERAL SERVICES OCCUPATIONS 3
120514	GENERAL SERVICES OCCUPATIONS 4
120521	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 1
120522	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 2
120523	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 3
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER
200126	CURRENT ISSUES IN CHILD DEVELOPMENT
200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY
200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER
200211	CHILD CARE SERVICES
200221	CHILD CARE AIDE
200231	CHILD CARE MANAGEMENT
200241	FOSTER CARE AND FAMILY CARE
200251	TEACHER AIDE/ELEMENTARY
200252	TEACHER AIDE/SECONDARY
200261	CHILD CARE - COOPERATIVE EDUCATION 1
200262	CHILD CARE - COOPERATIVE EDUCATION 2
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200311	CLOTHING OCCUPATIONS 1
200312	CLOTHING OCCUPATIONS 2
200313	CLOTHING OCCUPATIONS 3
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2
200321	CLOTHING MAINTENANCE AIDE
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION
200341	CUSTOM APPAREL CONSTRUCTION
200351	CUSTOM TAILORING AND ALTERATION

CSSC CODE	TITLE
200361	WEDDING AND SPECIALTY CONSULTING
200371	FASHION AND FABRIC COORDINATION
200381	TEXTILES TESTING
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER
200411	FOOD SERVICE TRAINING
200412	FOOD SERVICE TRAINING 2
200413	FOOD SERVICES/RESTAURANT MANAGEMENT
200421	FOOD SERVICE COOPERATIVE TRAINING
200431	BAKING
200441	CHEF
200451	CATERING
200461	DIETETIC AIDE
200471	FOOD TESTING
200481	SCHOOL FOOD SERVICE
200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200511	HOUSING AND INTERIOR DESIGN 1
200512	HOUSING AND INTERIOR DESIGN 2
200513	INTERIOR DESIGN OCCUPATIONS
200521	FLORAL DESIGN
200531	HOME DECORATING
200541	HOME FURNISHINGS AIDE
200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN
200561	CUSTOM SLIPCOVERING AND UPHOLSTERING
200571	HOME SERVICE ASSISTING 1
200572	HOME SERVICE ASSISTING 2
200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1
200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER
200611	CUSTODIAL SERVICES
200621	EXECUTIVE HOUSEKEEPING
200631	HOMEMAKER'S AIDE
200641	COMPANION TO THE AGED
200642	GERIATRICS 2
200643	GERIATRICS - COOPERATIVE EDUCATION 1
200644	GERIATRICS - COOPERATIVE EDUCATION 2
200651	CONSUMER AIDE
200661	THERAPEUTIC RECREATION AIDE
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATION
209900	VOCATIONAL HOME ECONOMICS, OTHER
556111	COSMETOLOGY/BARBER 1
556121	COSMETOLOGY/BARBER 2
556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1
556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2
556311	FOOD SERVICES 1
556321	FOOD SERVICES 2
556411	MISCELLANEOUS SERVICES 1
556421	MISCELLANEOUS SERVICES 2
556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1
556621	SERVICE OCCUPATIONS WORK EXPERIENCE 2
STUB1060 - Trade and Industry	
040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL
040200	ARCHITECTURE, OTHER
040211	ARCHITECTURE, INTRODUCTION
040212	ARCHITECTURE, ADVANCED
040221	ARCHITECTURAL THEORY
040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER
040400	ENVIRONMENTAL DESIGN, OTHER
040600	LANDSCAPE ARCHITECTURE, OTHER
040700	URBAN DESIGN, OTHER

CSSC CODE	TITLE
049900	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER
100131	PHOTOGRAPHY, COMMERCIAL
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL
120531	INDUSTRIAL MAINTENANCE/MECHANICS 1
120532	INDUSTRIAL MAINTENANCE/MECHANICS 2
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)
210110	INDUSTRIAL OCCUPATIONS 2
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED
210113	ELECTRICITY 1
210114	ELECTRICITY 2
210115	ELECTRONICS 1
210116	ELECTRONICS 2
210117	ELECTRONICS 3
210118	ELECTRONICS 4
210120	ELECTRICITY AND ELECTRONICS, ADVANCED
210121	MACHINE SHOP 1
210122	MACHINE SHOP 2
210123	MACHINE SHOP 3
210124	MACHINE SHOP 4
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE
210126	INDUSTRIAL ARTS RESEARCH
210130	ELECTRICITY - COOPERATIVE EDUCATION 1
210131	ELECTRICITY - COOPERATIVE EDUCATION 2
210140	ELECTRONICS - COOPERATIVE EDUCATION 1
210141	ELECTRONICS - COOPERATIVE EDUCATION 2
210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1
210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2
460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING, OTHER
460111	MASONRY 1
460112	MASONRY 2
460113	MASONRY 3
460121	TILE SETTING AND PLASTERING
460131	CONCRETE TECHNICIAN
460200	CARPENTRY, OTHER
460211	CARPENTRY 1
460212	CARPENTRY 2
460213	CARPENTRY 3
460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION, OTHER
460311	HOUSEWIRING 1
460312	HOUSEWIRING 2
460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
460411	BUILDING CONSTRUCTION 1
460412	BUILDING CONSTRUCTION 2
460413	BUILDING CONSTRUCTION 3
460421	PAINTING AND DECORATING
460422	FLOORING INSTALLATION
460431	BUILDING MAINTENANCE
460432	BUILDING MAINTENANCE 2
460441	HOME MAINTENANCE AND REPAIR
460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1
460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2
460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER
460511	PLUMBING 1
460512	PLUMBING 2
469900	CONSTRUCTION TRADES, OTHER
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
470111	SMALL APPLIANCE REPAIR
470121	RADIO AND TV REPAIR 1
470122	RADIO AND TV REPAIR 2
470123	RADIO AND TV REPAIR 3
470131	APPLIANCE REPAIR 1

CSSC CODE	TITLE
470132	APPLIANCE REPAIR 2
470141	VENDING MACHINE REPAIR
470151	BUSINESS MACHINE REPAIR
470161	INDUSTRIAL ELECTRICITY
470171	INDUSTRIAL ELECTRONICS
470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/REPAIR
470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED
470213	AIR CONDITIONING, REFRIGERATION, AND HEATING 3
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER
470311	INDUSTRIAL MECHANICS 1
470312	INDUSTRIAL MECHANICS 2
470321	DIESEL MECHANICS
470331	INDUSTRIAL MAINTENANCE MECHANICS 1
470332	INDUSTRIAL MAINTENANCE MECHANICS 2
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2
470343	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 3
470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER
470411	MUSICAL INSTRUMENT REPAIR
470421	INSTRUMENT MAINTENANCE AND REPAIR
470431	SHOE REPAIR AND ORTHOPEDICS 1
470432	SHOE REPAIR AND ORTHOPEDICS 2
470433	WATCH AND CLOCK REPAIR
470434	BICYCLE REPAIR
470500	STATIONARY ENERGY SOURCES, OTHER
470511	POWER MECHANICS 1
470512	POWER MECHANICS 2
470513	POWER MECHANICS 3
470514	POWER MECHANICS 4
470521	HYDRAULICS AND PNEUMATICS
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, OTHER
470611	SMALL ENGINE REPAIR 1
470612	SMALL ENGINE REPAIR 2
470621	AUTO MECHANICS 1
470622	AUTO MECHANICS 2
470623	AUTO MECHANICS 3
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2
470631	AUTO BODY 1
470632	AUTO BODY 2
470633	AUTO BODY 3
470641	AUTO SERVICE 1
470642	AUTO SERVICE 2
470651	CONSUMER AUTO
470661	AIRFRAMES 1
470662	AIRFRAMES 2
470671	AVIATION POWERPLANT 1
470672	AVIATION POWERPLANT 2
470673	AVIATION POWERPLANT 3
470674	AVIATION POWERPLANT 4
470681	AVIATION QUALITY CONTROL 1
470682	AVIATION QUALITY CONTROL 2
470691	AIRCRAFT SHEETMETAL 1
470692	AIRCRAFT SHEETMETAL 2
479900	MECHANICS AND REPAIRERS, OTHER
480100	DRAFTING, OTHER
480111	MECHANICAL DRAWING 1
480112	MECHANICAL DRAWING 2
480113	MECHANICAL DRAWING 3
480114	MECHANICAL DRAWING 4
480121	ARCHITECTURAL DRAWING 1

CSSC CODE	TITLE
480122	ARCHITECTURAL DRAWING 2
480123	ARCHITECTURAL DRAWING 3
480124	ARCHITECTURAL DRAWING 4
480131	ENGINEERING DRAWING 1
480132	ENGINEERING DRAWING 2
480141	BLUEPRINT READING
480151	DRAFTING 1, COOPERATIVE
480152	DRAFTING 2, COOPERATIVE
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER
480211	COMMERCIAL ART 1
480212	COMMERCIAL ART 2
480213	COMMERCIAL ART, COOPERATIVE
480214	COMMERCIAL ART 3
480221	GRAPHIC ARTS 1
480222	GRAPHIC ARTS 2
480223	AVIATION TECHNOLOGY 1
480224	AVIATION TECHNOLOGY 2
480231	AVIATION TECHNOLOGY 3
480232	AVIATION TECHNOLOGY 4
480233	AIR TRAVEL SERVICE OCCUPATIONS
480241	AIRCRAFT PARTS MANAGEMENT 1
480251	AIRCRAFT PARTS MANAGEMENT 2
480261	VEHICLE AND EQUIPMENT OPERATION, OTHER
480281	FORKLIFT OPERATOR
480282	TRACTOR-TRAILER TRUCK DRIVING
480283	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
480300	BUS DRIVER/CHAUFFEUR
480311	WATER TRANSPORTATION, OTHER
480312	MARINE MECHANICS, BASIC
480321	MARINE MECHANICS, ADVANCED
480322	BOAT BUILDING
480331	NAVIGATION
480400	AQUATIC OCCUPATIONS
480411	INTRODUCTION TO TRANSPORTATION INDUSTRY
480412	TRANSPORTATION TECHNOLOGY 2
480500	TRANSPORTATION/TRAFFIC TECHNICIAN
480511	TRANSPORTATION AND MATERIAL MOVING, OTHER
480512	DESIGN, OTHER
480513	GRAPHIC DESIGN
480514	GRAPHIC ARTS TECHNOLOGY, OTHER
480521	COMPUTER GRAPHICS DESIGN
480522	GRAPHIC AND PRINTING COMMUNICATIONS 1
480523	LEATHERWORK AND UPHOLSTERY 1
480524	LEATHERWORK AND UPHOLSTERY 2
480531	MEATCUTTING 1
480532	MEATCUTTING 2
480541	PRECISION PRODUCTION WORK EXPERIENCE 1
480551	PRECISION PRODUCTION WORK EXPERIENCE 2
480552	GENERAL CONSTRUCTION TRADES 1
480600	GENERAL CONSTRUCTION TRADES 2
480611	GENERAL CONSTRUCTION TRADES 3
480612	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1
480621	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2
480700	CARPENTRY 1
480711	CARPENTRY 2
480712	PLUMBING 1
480713	PLUMBING 2
480714	CONSTRUCTION TRADES WORK EXPERIENCE 1
480721	CONSTRUCTION TRADES WORK EXPERIENCE 2
480731	AUTO SERVICE 1
480732	AUTO SERVICE 2
489900	AUTO SERVICE, WORK EXPERIENCE 1
490100	AUTO SERVICE, WORK EXPERIENCE 2
490111	AVIATION TECHNOLOGY 1
490112	AVIATION TECHNOLOGY 2
490121	AVIATION TECHNOLOGY 3
490122	AVIATION TECHNOLOGY 4
490123	AIR TRAVEL SERVICE OCCUPATIONS
490124	AIRCRAFT PARTS MANAGEMENT 1

CSSC CODE	TITLE
490131	AIRCRAFT PARTS MANAGEMENT 2
490141	VEHICLE AND EQUIPMENT OPERATION, OTHER
490142	FORKLIFT OPERATOR
490200	TRACTOR-TRAILER TRUCK DRIVING
490211	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
490212	BUS DRIVER/CHAUFFEUR
490213	WATER TRANSPORTATION, OTHER
490214	MARINE MECHANICS, BASIC
490300	MARINE MECHANICS, ADVANCED
490311	BOAT BUILDING
490312	NAVIGATION
490321	AQUATIC OCCUPATIONS
490331	INTRODUCTION TO TRANSPORTATION INDUSTRY
490341	TRANSPORTATION TECHNOLOGY 2
490411	TRANSPORTATION/TRAFFIC TECHNICIAN
490412	TRANSPORTATION AND MATERIAL MOVING, OTHER
490421	DESIGN, OTHER
499900	GRAPHIC DESIGN
500400	GRAPHIC ARTS TECHNOLOGY, OTHER
500411	COMPUTER GRAPHICS DESIGN
500800	GRAPHIC AND PRINTING COMMUNICATIONS 1
500811	LEATHERWORK AND UPHOLSTERY 1
557111	LEATHERWORK AND UPHOLSTERY 2
557211	MEATCUTTING 1
557221	MEATCUTTING 2
557311	PRECISION PRODUCTION WORK EXPERIENCE 1
557321	PRECISION PRODUCTION WORK EXPERIENCE 2
557511	GENERAL CONSTRUCTION TRADES 1
557521	GENERAL CONSTRUCTION TRADES 2
558011	GENERAL CONSTRUCTION TRADES 3
558021	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1
558031	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2
558111	CARPENTRY 1
558121	CARPENTRY 2
558211	PLUMBING 1
558221	PLUMBING 2
558311	CONSTRUCTION TRADES WORK EXPERIENCE 1
558321	CONSTRUCTION TRADES WORK EXPERIENCE 2
558511	AUTO SERVICE 1
558521	AUTO SERVICE 2
559011	AUTO SERVICE, WORK EXPERIENCE 1
559021	AUTO SERVICE, WORK EXPERIENCE 2
559111	AVIATION TECHNOLOGY 1
559121	AVIATION TECHNOLOGY 2
STUB1070 - Technical and Communications	
090600	RADIO/TELEVISION NEWS BROADCAST, OTHER
090611	BROADCAST JOURNALISM
090612	CAREERS IN RADIO/TELEVISION BROADCASTING
090700	RADIO/TELEVISION, OTHER GENERAL
090711	BROADCASTING, INTRODUCTION
090831	CRYPTOGRAPHY
100100	COMMUNICATION TECHNOLOGIES, OTHER
100111	WORLD OF COMMUNICATIONS
100121	COMMUNICATIONS MEDIA PRODUCTION
100141	BROADCAST MANAGEMENT 1
100142	BROADCAST MANAGEMENT 2
100143	BROADCASTING PRACTICUM
100151	FILM MAKING AND PRODUCTION 1
100152	FILM MAKING AND PRODUCTION 2
100161	RADIO PRODUCTION
100171	TELEVISION PRODUCTION 1
100172	TELEVISION PRODUCTION 2
100173	TELEVISION PRODUCTION 3
100174	TELEVISION PRODUCTION 4
100181	CABLE TELEVISION
100191	RADIO/TELEVISION PRODUCTION 1

CSSC CODE	TITLE
100192	RADIO/TELEVISION PRODUCTION 2
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL
110112	INTRODUCTION TO INTERNET AND THE WORLD WIDE WEB
110131	COMPUTER APPLICATIONS
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY
110141	COMPUTER SCIENCES 3
110142	IB COMPUTER SCIENCE
110143	AP COMPUTER SCIENCE A
110144	AP COMPUTER SCIENCE AB
110151	ARTIFICIAL INTELLIGENCE
110152	MULTIMEDIA COMPUTER APPLICATIONS
110161	DESKTOP COMPUTER APPLICATION SUITES
110200	COMPUTER PROGRAMMING, OTHER
110211	COMPUTER PROGRAMMING 1
110212	COMPUTER PROGRAMMING 2
110213	COMPUTER PROGRAMMING 3
110221	FORTRAN, INTRODUCTION
110231	PASCAL, INTRODUCTION
110232	ADVANCED PASCAL
110241	BASIC, INTRODUCTION
110242	ADVANCED BASIC
110251	COBOL, INTRODUCTION
110252	ADVANCED COBOL
110261	LOGO, INTRODUCTION
110271	RPG PROGRAMMING, INTRODUCTION
110272	C PROGRAMMING
110273	C++ PROGRAMMING
110300	DATA PROCESSING, OTHER
110311	DATA PROCESSING, INTRODUCTION
110312	DATA PROCESSING, INTERMEDIATE
110313	DATA PROCESSING, ADVANCED
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION
110601	HTML
110602	JAVA, JAVA SCRIPT
110603	WEB SITE DESIGN, DEVELOPMENT
110604	NETWORK ADMINISTRATION/MANAGEMENT
150100	ARCHITECTURAL TECHNOLOGIES, OTHER
150111	STRUCTURAL ENGINEERING TECHNICIAN
150200	CIVIL TECHNOLOGIES, OTHER
150211	SURVEYING
150221	CIVIL ENGINEERING TECHNICIAN
150300	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER
150311	AUDIO ELECTRONICS
150321	ELECTRICAL TECHNOLOGY
150331	ELECTRONIC TECHNOLOGY 1
150332	ELECTRONIC TECHNOLOGY 2
150333	ELECTRONICS FABRICATION
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES, OTHER
150411	ELECTROMECHANICAL TECHNOLOGY 1
150412	ELECTROMECHANICAL TECHNOLOGY 2
150421	INSTRUMENTATION TECHNOLOGY
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER
150601	INDUSTRIAL RESEARCH AND DEVELOPMENT
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2
150621	CHEMICAL MANUFACTURING TECHNOLOGY
150631	OPTICS TECHNOLOGY
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER
150711	QUALITY CONTROL TECHNOLOGY
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER
150811	AUTOMOTIVE DESIGN AND TECHNOLOGY
150821	MECHANICAL ENGINEERING TECHNOLOGY

CSSC CODE	TITLE
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER
150911	MINING TECHNOLOGY
150921	PETROLEUM TECHNOLOGY
151001	PC OPERATING SYSTEMS
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER
170321	CHEMICAL TECHNOLOGY 1
170322	CHEMICAL TECHNOLOGY 2
210127	INTRODUCTION TO TECHNOLOGY
410100	BIOLOGICAL TECHNOLOGIES, OTHER
410200	NUCLEAR TECHNOLOGIES, OTHER
410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
419900	SCIENCE TECHNOLOGIES, OTHER
470124	TELECOMMUNICATIONS TECHNICIAN
480271	DESKTOP PUBLISHING
STUB1080 - Unidentified Subject	
320106	COOPERATIVE EDUCATION 1
320107	COOPERATIVE EDUCATION 2
320120	TEST TAKING, GENERAL (CHANGED TO 320221)
320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED
320131	COORDINATED VOCATIONAL AND ACADEMIC EDUCATION (CVAE)
550001	GENERAL PREVOCATIONAL PREPARATION
STUB1100 - General Skills	
070153	PERSONAL RECORDKEEPING
070613	SPEED WRITING
090441	YEARBOOK PRODUCTION 1
090442	YEARBOOK PRODUCTION 2
090811	SIGN LANGUAGE 1
090812	SIGN LANGUAGE 2
090821	BRAILLE COMMUNICATIONS
230413	HANDWRITING
230414	INTERPERSONAL COMMUNICATION
231215	SPEED READING
240121	SUMMER ABROAD
240131	INDEPENDENT STUDY
240161	ACADEMIC DECATHALON
320100	BASIC SKILLS, CAREER AND EMPLOYMENT, OTHER
320101	RECORDKEEPING, PERSONAL (CHANGED TO 070153)
320111	SPEED READING (CHANGED TO 231215)
320116	SPEED WRITING (CHANGED TO 070613)
320117	STUDY DYNAMICS (CHANGED TO 320211)
320200	BASIC SKILLS, GENERAL, OTHER
320201	RESOURCE ROOM (NON SPECIAL ED)
320211	STUDY DYNAMICS
320221	TEST TAKING
320231	INDIVIDUALIZED ACADEMIC PROGRAM
330100	CITIZENSHIP/CIVIC ACTIVITIES, OTHER
330111	STUDENT ASSISTANT
330131	STUDENT GOVERNMENT
330141	TUTORING
330151	COMMUNITY SERVICE
430221	FIRE SAFETY EDUCATION
450604	FILING YOUR INCOME TAXES
543001	ACTIVITIES OF DAILY AND FAMILY LIVING
543009	ACTIVITIES OF DAILY AND FAMILY LIVING, NOT FOR CREDIT
543101	SOCIAL/BEHAVIORAL SKILLS
543109	SOCIAL/BEHAVIORAL SKILLS, NOT FOR CREDIT
543401	FUNCTIONAL TRANSITION SKILLS
543409	FUNCTIONAL TRANSITION SKILLS, NOT FOR CREDIT
549401	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES
549409	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES, NOT FOR CREDIT

CSSC CODE	TITLE
569001	GENERAL TUTORIAL SERVICES
569009	GENERAL TUTORIAL SERVICES, NOT FOR CREDIT
569101	RESOURCE STUDY SKILLS
569109	RESOURCE STUDY SKILLS, NOT FOR CREDIT
569201	SCHOOL AND SOCIAL SURVIVAL SKILLS
569209	SCHOOL AND SOCIAL SURVIVAL SKILLS, NOT FOR CREDIT
569301	RESOURCE SURVIVAL SKILLS
569309	RESOURCE SURVIVAL SKILLS, NOT FOR CREDIT
569401	HANDICAP SPECIFIC SUPPORT SERVICES
569409	HANDICAP SPECIFIC SUPPORT SERVICES, NOT FOR CREDIT
STUB1200 - Personal Health And Physical Education	
120200	ENTERTAINMENT SERVICES, OTHER
120211	SPORTS OFFICIATING
170561	SPORTS MEDICINE
300131	OUTDOOR EDUCATION
310111	RECREATION AIDE
310121	SEARCH AND RESCUE
310200	OUTDOOR RECREATION, OTHER
330121	PEP SQUAD
340100	HEALTH-RELATED ACTIVITIES, OTHER
340111	PHYSICAL AND HEALTH EDUCATION 7
340112	PHYSICAL AND HEALTH EDUCATION 8
340113	PHYSICAL AND HEALTH EDUCATION 9
340114	PHYSICAL EDUCATION 10
340115	PHYSICAL EDUCATION 11
340116	PHYSICAL EDUCATION 12
340121	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM)
340122	PHYSICAL EDUCATION – MEDICALLY EXCUSED
340123	PHYSICAL EDUCATION - MPR 1
340124	PHYSICAL EDUCATION - MPR 2
340129	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM), NOT FOR CREDIT
340131	HEALTH 7
340132	HEALTH 8
340133	HEALTH 9
340134	HEALTH 10
340135	HEALTH 11
340136	HEALTH 12
340137	STATE REQUIREMENTS
340138	MODERN MEDICAL ISSUES
340141	DRUGS ALCOHOL AND TOBACCO
340151	DRIVER EDUCATION, CLASSROOM
340152	DRIVER EDUCATION, PRACTICE
340161	PHYSICAL EDUCATION LEADERSHIP TRAINING
340171	LIFE SAVING
340181	SAFETY
340191	SEX EDUCATION
350100	INTERPERSONAL SKILLS, OTHER
350111	INTERPERSONAL RELATIONSHIPS
350121	BUILDING HUMAN RELATIONSHIPS
350131	PEER COUNSELING
350141	DROPOUT PREVENTION
350151	LEADERSHIP
360100	LEISURE AND RECREATIONAL ACTIVITIES, OTHER
360111	SPORTS, INDIVIDUAL
360121	SPORTS, TEAM
360131	GYMNASTICS
360141	DRILL TEAM
360151	TRACK AND FIELD
360161	AQUATICS
360171	CONDITIONING AND ATHLETICS
360181	MOTORCYCLE OPERATION
360191	RECREATIONAL ACTIVITIES
360192	EXPERIENTIAL OUTDOOR EDUCATION
370100	PERSONAL AWARENESS, OTHER

CSSC CODE	TITLE
370111	PERSONAL DEVELOPMENT TECHNIQUES
370121	COPING WITH PERSONAL PROBLEMS
370131	SELF PERCEPTION
543201	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS
543209	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS, NOT FOR CREDIT
543301	FUNCTIONAL HEALTH
543309	FUNCTIONAL HEALTH, NOT FOR CREDIT
STUB1210 - Physical Education	
340100	HEALTH-RELATED ACTIVITIES, OTHER
340111	PHYSICAL AND HEALTH EDUCATION 7
340112	PHYSICAL AND HEALTH EDUCATION 8
340113	PHYSICAL AND HEALTH EDUCATION 9
340114	PHYSICAL EDUCATION 10
340115	PHYSICAL EDUCATION 11
340116	PHYSICAL EDUCATION 12
340121	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM)
340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED
340123	PHYSICAL EDUCATION - MPR 1
340124	PHYSICAL EDUCATION - MPR 2
340129	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM), NOT FOR CREDIT
340161	PHYSICAL EDUCATION LEADERSHIP TRAINING
340171	LIFE SAVING
STUB1220 - Health	
340131	HEALTH 7
340132	HEALTH 8
340133	HEALTH 9
340134	HEALTH 10
340135	HEALTH 11
340136	HEALTH 12
340137	STATE REQUIREMENTS
340138	MODERN MEDICAL ISSUES
340141	DRUGS ALCOHOL AND TOBACCO
340191	SEX EDUCATION
STUB1240 - Driver's Education (0.25)	
340151	DRIVER EDUCATION, CLASSROOM
340152	DRIVER EDUCATION, PRACTICE
STUB1250 - Personal Growth/Interpersonal Relationships	
350100	INTERPERSONAL SKILLS, OTHER
350111	INTERPERSONAL RELATIONSHIPS
350121	BUILDING HUMAN RELATIONSHIPS
350131	PEER COUNSELING
350141	DROPOUT PREVENTION
350151	LEADERSHIP
STUB1300 - Religion	
380200	RELIGION, OTHER
380201	CATHOLICISM, FOUNDATIONS
380202	WHO IS JESUS
380203	SCRIPTURE
380204	MORAL ISSUES, SOCIAL AND INDIVIDUAL
380205	MARRIAGE, LIFE CHOICES IN CHRISTIAN LIVING

CSSC CODE	TITLE
380206	COMPARATIVE RELIGION
380207	SACRAMENTS
380208	EASTERN RELIGIOUS THOUGHT
380209	RELIGION AND PSYCHOLOGY
380210	WESTERN RELIGIONS
380211	RELIGION AND LITERATURE
380212	RELIGION, INTRODUCTION
380213	PRAYER AND LITURGY
380214	JUDAISM, FOUNDATIONS
380215	PROTESTANTISM, FOUNDATIONS
380216	RELIGIOUS MOVEMENTS IN AMERICA
380217	ISLAM AND THE KORAN
389900	PHILOSOPHY AND RELIGION, OTHER
390100	BIBLICAL LANGUAGES, OTHER
390200	BIBLE STUDIES, OTHER
390300	MISSIONARY STUDIES, OTHER
390400	RELIGIOUS EDUCATION, OTHER
390500	RELIGIOUS MUSIC, OTHER
390600	THEOLOGICAL STUDIES, OTHER
390611	THEOLOGICAL STUDIES
399900	THEOLOGY, OTHER
STUB1400 - Military Science	
280100	AEROSPACE SCIENCE (AIR FORCE), OTHER
280111	AEROSPACE EDUCATION
280112	AEROSPACE EDUCATION 2
280113	AEROSPACE EDUCATION 3
280114	AEROSPACE EDUCATION 4
280121	CIVIL AIR PATROL
280200	COAST GUARD SCIENCE, OTHER
280300	MILITARY SCIENCE (ARMY), OTHER
280311	ARMY LEADERSHIP DEVELOPMENT, INTRODUCTION
280312	ARMY INTERMEDIATE LEADERSHIP DEVELOPMENT
280313	ARMY APPLIED LEADERSHIP DEVELOPMENT
280314	ARMY ADVANCED LEADERSHIP DEVELOPMENT
280400	NAVAL SCIENCE (NAVY, MARINES), OTHER
280411	NAVAL SCIENCE 1
280412	NAVAL SCIENCE 2
280413	NAVAL SCIENCE 3
280414	NAVAL SCIENCE 4
280421	MARINE CORPS LEADERSHIP EDUCATION 1
280422	MARINE CORPS LEADERSHIP EDUCATION 2
280423	MARINE CORPS LEADERSHIP EDUCATION 3
280424	MARINE CORPS LEADERSHIP EDUCATION 4
280501	MILITARY DRILL TEAM
289900	MILITARY SCIENCES, OTHER
290100	MILITARY TECHNOLOGIES, OTHER
STUB1500 - Special Education	
340121	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM)
340129	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM), NOT FOR CREDIT
520101	GENERAL (INCLUDING PRE-VOCATIONAL PROGRAMS) EMH
520102	MATHEMATICS EMH
520103	ENGLISH/LANGUAGE ARTS EMH
520104	SCIENCE EMH
520105	SOCIAL STUDIES EMH
520106	ADAPTIVE FOODS EMH
520107	ADAPTIVE FOUNDRY EMH
520108	ADAPTIVE DRIVERS EDUCATION EMH
520109	ADAPTIVE HEALTH EDUCATION EMH
520110	WORK PROGRAM (OJT OFF CAMPUS) EMH
520201	RESOURCE (GENERAL) EH

CSSC CODE	TITLE
520202	SELF CONTAINED EH
520203	ENGLISH/LANGUAGE ARTS EH
520204	MATHEMATICS EH
520205	SCIENCE EH
520206	SOCIAL STUDIES EH
520301	ENGLISH/LANGUAGE ARTS DEAF
520302	MATHEMATICS DEAF
520303	SCIENCE DEAF
520304	SOCIAL STUDIES DEAF
520305	GENERAL DEAF
520401	GENERAL BLIND
520501	HOMEBOUND (HOME OR HOSPITAL FOR MORE THAN 10 DAYS)
520601	LEARNING DISABILITIES OTHER
520701	HELP FOR UNDER-ACHIEVERS AND DISADVANTAGED STUDENTS
520801	SPEECH IMPARIMENT GENERAL
520901	PHYSICALLY HANDICAPPED (GENERAL)
520902	PHYSICALLY HANDICAPPED WORK PROGRAM
521001	MULTI-HANDICAPPED (GENERAL)
521101	SEVERELY MENTALLY RETARDED (GENERAL)
541001	GENERAL MATH SKILLS
541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT
541101	FUNCTIONAL CONSUMER MATH
541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT
541201	FUNCTIONAL VOCATIONAL MATH
541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT
542011	FUNCTIONAL LANGUAGE ARTS 1
542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT
542021	FUNCTIONAL LANGUAGE ARTS 2
542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT
542031	FUNCTIONAL LANGUAGE ARTS 3
542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT
542041	FUNCTIONAL LANGUAGE ARTS 4
542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT
542051	FUNCTIONAL VOCATIONAL ENGLISH
542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT
542101	FUNCTIONAL READING
542109	FUNCTIONAL READING, NOT FOR CREDIT
542201	FUNCTIONAL ORAL COMMUNICATION
542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT
542301	FUNCTIONAL WRITING
542309	FUNCTIONAL WRITING, NOT FOR CREDIT
542401	FUNCTIONAL ACADEMICS
542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT
543001	ACTIVITIES OF DAILY AND FAMILY LIVING
543009	ACTIVITIES OF DAILY AND FAMILY LIVING, NOT FOR CREDIT
543101	SOCIAL/BEHAVIORAL SKILLS
543109	SOCIAL/BEHAVIORAL SKILLS, NOT FOR CREDIT
543201	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS
543209	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS, NOT FOR CREDIT
543301	FUNCTIONAL HEALTH
543309	FUNCTIONAL HEALTH, NOT FOR CREDIT
543401	FUNCTIONAL TRANSITION SKILLS
543409	FUNCTIONAL TRANSITION SKILLS, NOT FOR CREDIT
544001	FUNCTIONAL SCIENCE
544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
544501	FUNCTIONAL SOCIAL STUDIES
544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT
549401	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES
549409	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES, NOT FOR CREDIT
550001	GENERAL PREVOCATIONAL PREPARATION
550009	GENERAL PREVOCATIONAL PREPARATION, NOT FOR CREDIT

CSSC CODE	TITLE
550101	CAREER EXPLORATION
550109	CAREER EXPLORATION, NOT FOR CREDIT
550201	GENERAL WORK-STUDY/EXPERIENCE
550209	GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT
550301	GENERAL WORK EXPERIENCE
550309	GENERAL WORK EXPERIENCE, NOT FOR CREDIT
550401	COMBINED VOCATIONAL/ACADEMIC PREPARATION
550409	COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT
551001	GENERAL PRE-VOCATIONAL PREPARATION
551009	GENERAL PRE-VOCATIONAL PREPARATION, NOT FOR CREDIT
551011	GENERAL AGRICULTURE 1
551019	GENERAL AGRICULTURE 1, NOT FOR CREDIT
551021	GENERAL AGRICULTURE 2
551029	GENERAL AGRICULTURE 2, NOT FOR CREDIT
551031	GENERAL AGRICULTURE 3
551039	GENERAL AGRICULTURE 3, NOT FOR CREDIT
551111	ANIMAL CARE 1
551119	ANIMAL CARE 1, NOT FOR CREDIT
551121	ANIMAL CARE 2
551129	ANIMAL CARE 2, NOT FOR CREDIT
551211	PLANT CARE 1
551219	PLANT CARE 1, NOT FOR CREDIT
551221	PLANT CARE 2
551229	PLANT CARE 2, NOT FOR CREDIT
551311	AGRICULTURAL MECHANICS 1
551319	AGRICULTURAL MECHANICS 1, NOT FOR CREDIT
551321	AGRICULTURAL MECHANICS 2
551329	AGRICULTURAL MECHANICS 2, NOT FOR CREDIT
551411	AGRICULTURAL WORK STUDY
551419	AGRICULTURAL WORK STUDY, NOT FOR CREDIT
551511	AGRICULTURAL WORK EXPERIENCE
551519	AGRICULTURAL WORK EXPERIENCE, NOT FOR CREDIT
552011	GENERAL OFFICE PRACTICE 1
552019	GENERAL OFFICE PRACTICE 1, NOT FOR CREDIT
552021	GENERAL OFFICE PRACTICE 2
552031	GENERAL OFFICE PRACTICE 3
552111	OFFICE MACHINES 1
552121	OFFICE MACHINES 2
552211	BUSINESS WORK STUDY 1
552221	BUSINESS WORK STUDY 2
552311	BUSINESS WORK EXPERIENCE 1
552321	BUSINESS WORK EXPERIENCE 2
553011	GENERAL HEALTH OCCUPATIONS 1
553019	GENERAL HEALTH OCCUPATIONS 1, NOT FOR CREDIT
553021	GENERAL HEALTH OCCUPATIONS 2
553029	GENERAL HEALTH OCCUPATIONS 2, NOT FOR CREDIT
553031	GENERAL HEALTH OCCUPATIONS 3
553039	GENERAL HEALTH OCCUPATIONS 3, NOT FOR CREDIT
553111	HEALTH OCCUPATIONS WORK STUDY 1
553119	HEALTH OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT
553121	HEALTH OCCUPATIONS WORK STUDY 2
553129	HEALTH OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT
553211	HEALTH OCCUPATIONS WORK EXPERIENCE 1
553219	HEALTH OCCUPATIONS WORK EXPERIENCE 1, NOT FOR CREDIT
553221	HEALTH OCCUPATIONS WORK EXPERIENCE 2
553229	HEALTH OCCUPATIONS WORK EXPERIENCE 2, NOT FOR CREDIT
554011	GENERAL HOME ECONOMICS 1
554019	GENERAL HOME ECONOMICS 1, NOT FOR CREDIT
554021	GENERAL HOME ECONOMICS 2
554029	GENERAL HOME ECONOMICS 2, NOT FOR CREDIT
554031	GENERAL HOME ECONOMICS 3
554039	GENERAL HOME ECONOMICS 3, NOT FOR CREDIT

CSSC CODE	TITLE
554111	CHILD DEVELOPMENT 1
554119	CHILD DEVELOPMENT 1, NOT FOR CREDIT
554121	CHILD DEVELOPMENT 2
554129	CHILD DEVELOPMENT 2, NOT FOR CREDIT
554211	CLOTHING AND TEXTILES 1
554219	CLOTHING AND TEXTILES 1, NOT FOR CREDIT
554221	CLOTHING AND TEXTILES 2
554229	CLOTHING AND TEXTILES 2, NOT FOR CREDIT
554311	FOOD AND NUTRITION 1
554319	FOOD AND NUTRITION 1, NOT FOR CREDIT
554321	FOOD AND NUTRITION 2
554329	FOOD AND NUTRITION 2, NOT FOR CREDIT
554411	HOME ECONOMICS WORK STUDY 1
554419	HOME ECONOMICS WORK STUDY 1, NOT FOR CREDIT
554421	HOME ECONOMICS WORK STUDY 2
554429	HOME ECONOMICS WORK STUDY 2, NOT FOR CREDIT
554511	HOME ECONOMICS WORK EXPERIENCE 1
554519	HOME ECONOMICS WORK EXPERIENCE 1, NOT FOR CREDIT
554521	HOME ECONOMICS WORK EXPERIENCE 2
554529	HOME ECONOMICS WORK EXPERIENCE 2, NOT FOR CREDIT
555011	GENERAL INDUSTRIAL ARTS 1
555019	GENERAL INDUSTRIAL ARTS 1, NOT FOR CREDIT
555021	GENERAL INDUSTRIAL ARTS 2
555029	GENERAL INDUSTRIAL ARTS 2, NOT FOR CREDIT
555031	GENERAL INDUSTRIAL ARTS 3
555039	GENERAL INDUSTRIAL ARTS 3, NOT FOR CREDIT
556111	COSMETOLOGY/BARBER 1
556119	COSMETOLOGY/BARBER 1, NOT FOR CREDIT
556121	COSMETOLOGY/BARBER 2
556129	COSMETOLOGY/BARBER 2, NOT FOR CREDIT
556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1
556219	CUSTODIAL AND HOUSEKEEPING SERVICES 1, NOT FOR CREDIT
556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2
556229	CUSTODIAL AND HOUSEKEEPING SERVICES 2, NOT FOR CREDIT
556311	FOOD SERVICES 1
556319	FOOD SERVICES 1, NOT FOR CREDIT
556321	FOOD SERVICES 2
556329	FOOD SERVICES 2, NOT FOR CREDIT
556411	MISCELLANEOUS SERVICES 1
556419	MISCELLANEOUS SERVICES 1, NOT FOR CREDIT
556421	MISCELLANEOUS SERVICES 2
556429	MISCELLANEOUS SERVICES 2, NOT FOR CREDIT
556511	SERVICE OCCUPATIONS WORK STUDY 1
556519	SERVICE OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT
556521	SERVICE OCCUPATIONS WORK STUDY 2
556529	SERVICE OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT
556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1
556619	SERVICE OCCUPATIONS WORK EXPERIENCE 1, NOT FOR CREDIT
556621	SERVICE OCCUPATIONS WORK EXPERIENCE 2
556629	SERVICE OCCUPATIONS WORK EXPERIENCE 2, NOT FOR CREDIT
557111	GRAPHIC AND PRINTING COMMUNICATIONS 1
557119	GRAPHIC AND PRINTING COMMUNICATIONS 1, NOT FOR CREDIT
557121	GRAPHIC AND PRINTING COMMUNICATIONS 2
557129	GRAPHIC AND PRINTING COMMUNICATIONS 2, NOT FOR CREDIT
557211	LEATHERWORK AND UPHOLSTERY 1
557219	LEATHERWORK AND UPHOLSTERY 1, NOT FOR CREDIT
557221	LEATHERWORK AND UPHOLSTERY 2
557229	LEATHERWORK AND UPHOLSTERY 2, NOT FOR CREDIT
557311	MEATCUTTING 1
557319	MEATCUTTING 1, NOT FOR CREDIT

CSSC CODE	TITLE
557321	MEATCUTTING 2
557329	MEATCUTTING 2, NOT FOR CREDIT
557411	PRECISION PRODUCTION WORK STUDY 1
557419	PRECISION PRODUCTION WORK STUDY 1, NOT FOR CREDIT
557421	PRECISION PRODUCTION WORK STUDY 2
557429	PRECISION PRODUCTION WORK STUDY 2, NOT FOR CREDIT
557511	PRECISION PRODUCTION WORK EXPERIENCE 1
557519	PRECISION PRODUCTION WORK EXPERIENCE 1, NOT FOR CREDIT
557521	PRECISION PRODUCTION WORK EXPERIENCE 2
557529	PRECISION PRODUCTION WORK EXPERIENCE 2, NOT FOR CREDIT
558011	GENERAL CONSTRUCTION TRADES 1
558019	GENERAL CONSTRUCTION TRADES 1, NOT FOR CREDIT
558021	GENERAL CONSTRUCTION TRADES 2
558029	GENERAL CONSTRUCTION TRADES 2, NOT FOR CREDIT
558031	GENERAL CONSTRUCTION TRADES 3
558039	GENERAL CONSTRUCTION TRADES 3, NOT FOR CREDIT
558111	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1
558119	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1, NOT FOR CREDIT
558121	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2
558129	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2, NOT FOR CREDIT
558211	CARPENTRY 1
558219	CARPENTRY 1, NOT FOR CREDIT
558221	CARPENTRY 2
558229	CARPENTRY 2, NOT FOR CREDIT
558311	PLUMBING 1
558319	PLUMBING 1, NOT FOR CREDIT
558321	PLUMBING 2
558329	PLUMBING 2, NOT FOR CREDIT
558411	CONSTRUCTION TRADES WORK STUDY 1
558419	CONSTRUCTION TRADES WORK STUDY 1, NOT FOR CREDIT
558421	CONSTRUCTION TRADES WORK STUDY 2
558429	CONSTRUCTION TRADES WORK STUDY 2, NOT FOR CREDIT
558511	CONSTRUCTION TRADES WORK EXPERIENCE 1
558519	CONSTRUCTION TRADES WORK EXPERIENCE 1, NOT FOR CREDIT
558521	CONSTRUCTION TRADES WORK EXPERIENCE 2
558529	CONSTRUCTION TRADES WORK EXPERIENCE 2, NOT FOR CREDIT
559011	AUTO SERVICE 1
559019	AUTO SERVICE 1, NOT FOR CREDIT
559021	AUTO SERVICE 2
559029	AUTO SERVICE 2, NOT FOR CREDIT
559111	AUTO SERVICE, WORK EXPERIENCE 1
559119	AUTO SERVICE, WORK EXPERIENCE 1, NOT FOR CREDIT
559121	AUTO SERVICE, WORK EXPERIENCE 2
559129	AUTO SERVICE, WORK EXPERIENCE 2, NOT FOR CREDIT
562300	SPECIAL EDUCATION LANGUAGE ARTS
562301	RESOURCE LANGUAGE ARTS/ENGLISH
562302	DEVELOPMENTAL ENGLISH 2/RESOURCE ESE AAP ENGLISH 2
562303	DEVELOPMENTAL ENGLISH 3/RESOURCE ESE AAP ENGLISH 3
562304	DEVELOPMENTAL ENGLISH 4/RESOURCE ESE AAP ENGLISH 4
562309	RESOURCE LANGUAGE ARTS/ENGLISH, NOT FOR CREDIT
562310	SPECIAL EDUCATION READING
562311	RESOURCE READING
562319	RESOURCE READING, NOT FOR CREDIT

CSSC CODE	TITLE
562320	SPECIAL EDUCATION WRITING
562321	RESOURCE WRITING
562322	RESOURCE ROOM ENGLISH 2 (SPECIAL EDUCATION)
562329	RESOURCE WRITING, NOT FOR CREDIT
562700	SPECIAL EDUCATION MATH
562701	RESOURCE GENERAL MATH
562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
562711	RESOURCE VOCATIONAL MATH
562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
562721	RESOURCE CONSUMER MATH
562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT
563201	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS
563209	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS, NOT FOR CREDIT
563211	RESOURCE TRANSITION SKILLS
563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT
564000	SPECIAL EDUCATION GENERAL SCIENCE
564001	RESOURCE GENERAL SCIENCE
564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
564500	SPECIAL EDUCATION SOCIAL STUDIES
564501	RESOURCE SOCIAL STUDIES
564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT
569001	GENERAL TUTORIAL SERVICES
569009	GENERAL TUTORIAL SERVICES, NOT FOR CREDIT
569101	RESOURCE STUDY SKILLS
569109	RESOURCE STUDY SKILLS, NOT FOR CREDIT
569201	SCHOOL AND SOCIAL SURVIVAL SKILLS
569209	SCHOOL AND SOCIAL SURVIVAL SKILLS, NOT FOR CREDIT
569301	RESOURCE SURVIVAL SKILLS
569309	RESOURCE SURVIVAL SKILLS, NOT FOR CREDIT
569401	HANDICAP SPECIFIC SUPPORT SERVICES
569409	HANDICAP SPECIFIC SUPPORT SERVICES, NOT FOR CREDIT
STUB1600 - All Courses Other Than Above	
240151	NON-SPECIFIC COLLEGE LEVEL STUDIES
600000	UNCODEABLE

Appendix P

2005 High School Transcript Study Codebook for Catalog File

HSTS 2005 Catalog File

Variable Name : CATLOGID Catalog ID
Record Number : 1
Position : 1-11
Format : C11
Comment :

Response	Codes
00009990001 - 61300110158	

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 12-18
Format : C7
Comment :

Response	Codes
0000999 - 6130011	

Variable Name : CATSRCE Source of Catalog Titles
Record Number : 1
Position : 19-19
Format : C1
Comment :

Response	Codes
No Materials	0
School Provided	1
Generic Catalog	2

Variable Name : CATTYPE Type of Catalog Provided by School
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes
Catalog - School Level	1
Catalog - District Level	2
Catalog - State Level	3
Course List - School Level	4
Course List - District Level	5
Course List - State Level	6
Master Schedule - School Level	7
No Materials	8
Generic Catalog	9

HSTS 2005 Catalog File

Variable Name : CRSENAME Catalog Course Title
Record Number : 1
Position : 21-140
Format : C120
Comment :

Response	Codes
All Course Titles	

Variable Name : CSSC Course CSSC Code
Record Number : 1
Position : 141-146
Format : C6
Comment :

Response	Codes
010100 - 600000	

Variable Name : OFFCAMP Taught Off Campus? (Flag)
Record Number : 1
Position : 147-147
Format : C1
Comment :

Response	Codes
On Campus	0
Vocational Educational Center	1
Special Education Center	2
Other Location	3
Multiple Locations	4
Home Schooling	5
Distance Learning	6
Video-Enhanced	7
Correspondence Course	8
Computer-Based or Internet Training	9

Variable Name : OTHLANG Taught in Language Other than English? (Flag)
Record Number : 1
Position : 148-148
Format : C1
Comment :

Response	Codes
Taught in English	0
English as a Second Language	1
Taught Completely in Foreign Language	2

Variable Name : SPEDFLAG Special Education Course? (Flag)
Record Number : 1
Position : 149-149
Format : C1
Comment :

Response	Codes
Self-Contained Special Education Course	0
Not a Special Education Course	1
Resource Special Education Course	2
Physical Disabilities Course	3

Variable Name : SEQFLAG Taught in a Course Sequence? (Flag)
Record Number : 1
Position : 150-150
Format : C1
Comment :

Response	Codes
Not a Sequential Course	0
Introductory Course in Sequence	1
Advanced Course in Sequence	2

Variable Name : LEVELFLG Course Level (Flag)
Record Number : 1
Position : 151-151
Format : C1
Comment :

Response	Codes
Not Classified	0
Remedial Course	1
Regular Course	2
Enriched Course	3
Honors Course	4
Pre-AP Course	5
Advanced Placement Course	6
Pre-IB Course	7
International Baccalaureate Course	8
College Credit Course	9

Appendix Q

2005 High School Transcript Study Codebook for Master CSSC File

2005 HSTS Master CSSC File

Variable Name : CSSC CSSC Code
Record Number : 1
Position : 1-6
Format : C6
Comment :

Response	Codes
010100 - 600000	

Variable Name : SPEDFLAG Special Education Course? (Flag)
Record Number : 1
Position : 7-7
Format : C1
Comment :

Response	Codes
Self-Contained Special Education Course	0
Not a Special Education Course	1
Resource Special Education Course	2
Physical Disabilities Course	3

Variable Name : TITLE CSSC Code Title
Record Number : 1
Position : 8-132
Format : C125
Comment :

Response	Codes
All CSSC Code Titles	

Variable Name : SEQFLAG Taught in a Course Sequence? (Flag)
Record Number : 1
Position : 133-133
Format : C1
Comment :

Response	Codes
Not a Sequential Course	0
Introductory Course in Sequence	1
Advanced Course in Sequence	2

Appendix R

2005 High School Transcript Study Codebook for NAEP Data File

2005 HSTS NAEP Data File

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes
0130011 - 6130011	

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes
1010807621 - 2580910314	

Variable Name : NAEPSBJ NAEP Subject
Record Number : 1
Position : 18-18
Format : C1
Comment :

Response	Codes
Mathematics	1
Science	2

Variable Name : PARED Parental Education Status
Record Number : 1
Position : 19-19
Format : C1
Comment :

Response	Codes
Did not finish high school	1
Graduated high school	2
Some education after high school	3
Graduated college	4
I don't know	7
Unknown	8
Missing	9

Variable Name : COLLED Collapsed Parental Education Status
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes
Neither parent graduated college	0
At least one parent graduated college	1
Unknown/Missing	9

Variable Name : EXPEDUC Expected Education Status
Record Number : 1
Position : 21-21
Format : C1
Comment :

Response	Codes
Multiple responses	0
Will not graduate high school	1
Will graduate high school	2
Will have some education after high school	3
Will graduate college	4
Will go to graduate school	5
I don't know	7
Unknown	8
Missing	9

Variable Name : COLLEXP Collapsed Expected Education Status
Record Number : 1
Position : 22-22
Format : C1
Comment :

Response	Codes
Will not graduate college	0
Will graduate college	1
Unknown/Missing	9

Variable Name : PSCORE1 Composite Score - Estimate 1
Record Number : 1
Position : 23-28
Format : N6.2
Comment :

Response	Codes
18.66 - 269.59	18.66 - 269.59

Variable Name : PSCORE2 Composite Score - Estimate 2
Record Number : 1
Position : 29-34
Format : N6.2
Comment :

Response	Codes
-2.27 - 255.06	-2.27 - 255.06

Variable Name : PSCORE3 Composite Score - Estimate 3
Record Number : 1
Position : 35-40
Format : N6.2
Comment :

Response	Codes
7.08 - 268.71	7.08 - 268.71

Variable Name : PSCORE4 Composite Score - Estimate 4
Record Number : 1
Position : 41-46
Format : N6.2
Comment :

Response	Codes
11.82 - 262.55	11.82 - 262.55

Variable Name : PSCORE5 Composite Score - Estimate 5
Record Number : 1
Position : 47-52
Format : N6.2
Comment :

Response	Codes
0.07 - 267.66	0.07 - 267.66

Variable Name : REPGRP Jackknife Replicate Group Number
Record Number : 1
Position : 53-54
Format : N2.0
Comment :

Response	Codes
1 - 62	1 - 62

Variable Name : DRPGRP Jackknife Dropout Group Number
Record Number : 1
Position : 55-55
Format : N1.0
Comment :

Response	Codes
1 - 3	1 - 3

Variable Name : FINLNKWT Final Usable Linked Student Weight
Record Number : 1
Position : 56-69
Format : N14.8
Comment :

Response	Codes
52.03 - 1202.73	52.03 - 1202.73

Variable Name : LREPWT1 Linked Jackknife Replicate Weight 1
Record Number : 1
Position : 70-83
Format : N14.8
Comment :

Response	Codes
0 - 1332.20	0 - 1332.20

Variable Name : LREPWT2 Linked Jackknife Replicate Weight 2
Record Number : 1
Position : 84-97
Format : N14.8
Comment :

Response	Codes
0 - 1552.30	0 - 1552.30

Variable Name : LREPWT3 Linked Jackknife Replicate Weight 3
Record Number : 1
Position : 98-111
Format : N14.8
Comment :

Response	Codes
0 - 1220.68	0 - 1220.68

Variable Name : LREPWT4 Linked Jackknife Replicate Weight 4
Record Number : 1
Position : 112-125
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT5 Linked Jackknife Replicate Weight 5
Record Number : 1
Position : 126-139
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT6 Linked Jackknife Replicate Weight 6
Record Number : 1
Position : 140-153
Format : N14.8
Comment :

Response	Codes
0 - 1242.35	0 - 1242.35

Variable Name : LREPWT7 Linked Jackknife Replicate Weight 7
Record Number : 1
Position : 154-167
Format : N14.8
Comment :

Response	Codes
0 - 1296.82	0 - 1296.82

Variable Name : LREPWT8 Linked Jackknife Replicate Weight 8
Record Number : 1
Position : 168-181
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT9 Linked Jackknife Replicate Weight 9
Record Number : 1
Position : 182-195
Format : N14.8
Comment :

Response	Codes
0 - 1309.72	0 - 1309.72

Variable Name : LREPWT10 Linked Jackknife Replicate Weight 10
Record Number : 1
Position : 196-209
Format : N14.8
Comment :

Response	Codes
0 - 1129.46	0 - 1129.46

Variable Name : LREPWT11 Linked Jackknife Replicate Weight 11
Record Number : 1
Position : 210-223
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT12 Linked Jackknife Replicate Weight 12
Record Number : 1
Position : 224-237
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT13 Linked Jackknife Replicate Weight 13
Record Number : 1
Position : 238-251
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT14 Linked Jackknife Replicate Weight 14
Record Number : 1
Position : 252-265
Format : N14.8
Comment :

Response	Codes
0 - 1215.78	0 - 1215.78

Variable Name : LREPWT15 Linked Jackknife Replicate Weight 15
Record Number : 1
Position : 266-279
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT16 Linked Jackknife Replicate Weight 16
Record Number : 1
Position : 280-293
Format : N14.8
Comment :

Response	Codes
0 - 1771.81	0 - 1771.81

Variable Name : LREPWT17 Linked Jackknife Replicate Weight 17
Record Number : 1
Position : 294-307
Format : N14.8
Comment :

Response	Codes
0 - 1773.18	0 - 1773.18

Variable Name : LREPWT18 Linked Jackknife Replicate Weight 18
Record Number : 1
Position : 308-321
Format : N14.8
Comment :

Response	Codes
0 - 1704.18	0 - 1704.18

Variable Name : LREPWT19 Linked Jackknife Replicate Weight 19
Record Number : 1
Position : 322-335
Format : N14.8
Comment :

Response	Codes
0 - 1738.37	0 - 1738.37

Variable Name : LREPWT20 Linked Jackknife Replicate Weight 20
Record Number : 1
Position : 336-349
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT21 Linked Jackknife Replicate Weight 21
Record Number : 1
Position : 350-363
Format : N14.8
Comment :

Response	Codes
0 - 1354.38	0 - 1354.38

Variable Name : LREPWT22 Linked Jackknife Replicate Weight 22
Record Number : 1
Position : 364-377
Format : N14.8
Comment :

Response	Codes
0 - 1922.97	0 - 1922.97

Variable Name : LREPWT23 Linked Jackknife Replicate Weight 23
Record Number : 1
Position : 378-391
Format : N14.8
Comment :

Response	Codes
0 - 1578.68	0 - 1578.68

Variable Name : LREPWT24 Linked Jackknife Replicate Weight 24
Record Number : 1
Position : 392-405
Format : N14.8
Comment :

Response	Codes
0 - 1245.20	0 - 1245.20

Variable Name : LREPWT25 Linked Jackknife Replicate Weight 25
Record Number : 1
Position : 406-419
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT26 Linked Jackknife Replicate Weight 26
Record Number : 1
Position : 420-433
Format : N14.8
Comment :

Response	Codes
0 - 1863.48	0 - 1863.48

Variable Name : LREPWT27 Linked Jackknife Replicate Weight 27
Record Number : 1
Position : 434-447
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT28 Linked Jackknife Replicate Weight 28
Record Number : 1
Position : 448-461
Format : N14.8
Comment :

Response	Codes
0 - 1302.06	0 - 1302.06

Variable Name : LREPWT29 Linked Jackknife Replicate Weight 29
Record Number : 1
Position : 462-475
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT30 Linked Jackknife Replicate Weight 30
Record Number : 1
Position : 476-489
Format : N14.8
Comment :

Response	Codes
0 - 1268.91	0 - 1268.91

Variable Name : LREPWT31 Linked Jackknife Replicate Weight 31
Record Number : 1
Position : 490-503
Format : N14.8
Comment :

Response	Codes
0 - 1168.06	0 - 1168.06

Variable Name : LREPWT32 Linked Jackknife Replicate Weight 32
Record Number : 1
Position : 504-517
Format : N14.8
Comment :

Response	Codes
0 - 1335.15	0 - 1335.15

Variable Name : LREPWT33 Linked Jackknife Replicate Weight 33
Record Number : 1
Position : 518-531
Format : N14.8
Comment :

Response	Codes
0 - 1474.91	0 - 1474.91

Variable Name : LREPWT34 Linked Jackknife Replicate Weight 34
Record Number : 1
Position : 532-545
Format : N14.8
Comment :

Response	Codes
0 - 1509.11	0 - 1509.11

Variable Name : LREPWT35 Linked Jackknife Replicate Weight 35
Record Number : 1
Position : 546-559
Format : N14.8
Comment :

Response	Codes
0 - 1878.38	0 - 1878.38

Variable Name : LREPWT36 Linked Jackknife Replicate Weight 36
Record Number : 1
Position : 560-573
Format : N14.8
Comment :

Response	Codes
0 - 1237.40	0 - 1237.40

Variable Name : LREPWT37 Linked Jackknife Replicate Weight 37
Record Number : 1
Position : 574-587
Format : N14.8
Comment :

Response	Codes
0 - 1769.74	0 - 1769.74

Variable Name : LREPWT38 Linked Jackknife Replicate Weight 38
Record Number : 1
Position : 588-601
Format : N14.8
Comment :

Response	Codes
0 - 1291.89	0 - 1291.89

Variable Name : LREPWT39 Linked Jackknife Replicate Weight 39
Record Number : 1
Position : 602-615
Format : N14.8
Comment :

Response	Codes
0 - 1455.93	0 - 1455.93

Variable Name : LREPWT40 Linked Jackknife Replicate Weight 40
Record Number : 1
Position : 616-629
Format : N14.8
Comment :

Response	Codes
0 - 1530.98	0 - 1530.98

Variable Name : LREPWT41 Linked Jackknife Replicate Weight 41
Record Number : 1
Position : 630-643
Format : N14.8
Comment :

Response	Codes
0 - 1368.42	0 - 1368.42

Variable Name : LREPWT42 Linked Jackknife Replicate Weight 42
Record Number : 1
Position : 644-657
Format : N14.8
Comment :

Response	Codes
0 - 1223.53	0 - 1223.53

Variable Name : LREPWT43 Linked Jackknife Replicate Weight 43
Record Number : 1
Position : 658-671
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT44 Linked Jackknife Replicate Weight 44
Record Number : 1
Position : 672-685
Format : N14.8
Comment :

Response	Codes
0 - 1296.34	0 - 1296.34

Variable Name : LREPWT45 Linked Jackknife Replicate Weight 45
Record Number : 1
Position : 686-699
Format : N14.8
Comment :

Response	Codes
0 - 1686.67	0 - 1686.67

Variable Name : LREPWT46 Linked Jackknife Replicate Weight 46
Record Number : 1
Position : 700-713
Format : N14.8
Comment :

Response	Codes
0 - 1334.97	0 - 1334.97

Variable Name : LREPWT47 Linked Jackknife Replicate Weight 47
Record Number : 1
Position : 714-727
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT48 Linked Jackknife Replicate Weight 48
Record Number : 1
Position : 728-741
Format : N14.8
Comment :

Response	Codes
0 - 1168.06	0 - 1168.06

Variable Name : LREPWT49 Linked Jackknife Replicate Weight 49
Record Number : 1
Position : 742-755
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT50 Linked Jackknife Replicate Weight 50
Record Number : 1
Position : 756-769
Format : N14.8
Comment :

Response	Codes
0 - 1352.91	0 - 1352.91

Variable Name : LREPWT51 Linked Jackknife Replicate Weight 51
Record Number : 1
Position : 770-783
Format : N14.8
Comment :

Response	Codes
0 - 1246.76	0 - 1246.76

Variable Name : LREPWT52 Linked Jackknife Replicate Weight 52
Record Number : 1
Position : 784-797
Format : N14.8
Comment :

Response	Codes
0 - 1238.30	0 - 1238.30

Variable Name : LREPWT53 Linked Jackknife Replicate Weight 53
Record Number : 1
Position : 798-811
Format : N14.8
Comment :

Response	Codes
0 - 1090.31	0 - 1090.31

Variable Name : LREPWT54 Linked Jackknife Replicate Weight 54
Record Number : 1
Position : 812-825
Format : N14.8
Comment :

Response	Codes
0 - 1256.46	0 - 1256.46

Variable Name : LREPWT55 Linked Jackknife Replicate Weight 55
Record Number : 1
Position : 826-839
Format : N14.8
Comment :

Response	Codes
0 - 2371.05	0 - 2371.05

Variable Name : LREPWT56 Linked Jackknife Replicate Weight 56
Record Number : 1
Position : 840-853
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT57 Linked Jackknife Replicate Weight 57
Record Number : 1
Position : 854-867
Format : N14.8
Comment :

Response	Codes
0 - 1324.05	0 - 1324.05

Variable Name : LREPWT58 Linked Jackknife Replicate Weight 58
Record Number : 1
Position : 868-881
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT59 Linked Jackknife Replicate Weight 59
Record Number : 1
Position : 882-895
Format : N14.8
Comment :

Response	Codes
0 - 1322.82	0 - 1322.82

Variable Name : LREPWT60 Linked Jackknife Replicate Weight 60
Record Number : 1
Position : 896-909
Format : N14.8
Comment :

Response	Codes
0 - 1472.78	0 - 1472.78

Variable Name : LREPWT61 Linked Jackknife Replicate Weight 61
Record Number : 1
Position : 910-923
Format : N14.8
Comment :

Response	Codes
0 - 1202.73	0 - 1202.73

Variable Name : LREPWT62 Linked Jackknife Replicate Weight 62
Record Number : 1
Position : 924-937
Format : N14.8
Comment :

Response	Codes
0 - 1230.93	0 - 1230.93

Variable Name : FINCOMWT Final Usable Combined Linked Student Weight
Record Number : 1
Position : 938-951
Format : N14.8
Comment :

Response	Codes
30.79 - 490.91	30.79 - 490.91

Variable Name : CREPWT1 Combined Linked Jackknife Replicate Weight 1
Record Number : 1
Position : 952-965
Format : N14.8
Comment :

Response	Codes
0 - 543.76	0 - 543.76

Variable Name : CREPWT2 Combined Linked Jackknife Replicate Weight 2
Record Number : 1
Position : 966-979
Format : N14.8
Comment :

Response	Codes
0 - 633.60	0 - 633.60

Variable Name : CREPWT3 Combined Linked Jackknife Replicate Weight 3
Record Number : 1
Position : 980-993
Format : N14.8
Comment :

Response	Codes
0 - 498.24	0 - 498.24

Variable Name : CREPWT4 Combined Linked Jackknife Replicate Weight 4
Record Number : 1
Position : 994-1007
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT5 Combined Linked Jackknife Replicate Weight 5
Record Number : 1
Position : 1008-1021
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT6 Combined Linked Jackknife Replicate Weight 6
Record Number : 1
Position : 1022-1035
Format : N14.8
Comment :

Response	Codes
0 - 507.08	0 - 507.08

Variable Name : CREPWT7 Combined Linked Jackknife Replicate Weight 7
Record Number : 1
Position : 1036-1049
Format : N14.8
Comment :

Response	Codes
0 - 529.32	0 - 529.32

Variable Name : CREPWT8 Combined Linked Jackknife Replicate Weight 8
Record Number : 1
Position : 1050-1063
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT9 Combined Linked Jackknife Replicate Weight 9
Record Number : 1
Position : 1064-1077
Format : N14.8
Comment :

Response	Codes
0 - 534.58	0 - 534.58

Variable Name : CREPWT10 Combined Linked Jackknife Replicate Weight 10
Record Number : 1
Position : 1078-1091
Format : N14.8
Comment :

Response	Codes
0 - 461.58	0 - 461.58

Variable Name : CREPWT11 Combined Linked Jackknife Replicate Weight 11
Record Number : 1
Position : 1092-1105
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT12 Combined Linked Jackknife Replicate Weight 12
Record Number : 1
Position : 1106-1119
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT13 Combined Linked Jackknife Replicate Weight 13
Record Number : 1
Position : 1120-1133
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT14 Combined Linked Jackknife Replicate Weight 14
Record Number : 1
Position : 1134-1147
Format : N14.8
Comment :

Response	Codes
0 - 496.24	0 - 496.24

Variable Name : CREPWT15 Combined Linked Jackknife Replicate Weight 15
Record Number : 1
Position : 1148-1161
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT16 Combined Linked Jackknife Replicate Weight 16
Record Number : 1
Position : 1162-1175
Format : N14.8
Comment :

Response	Codes
0 - 724.34	0 - 724.34

Variable Name : CREPWT17 Combined Linked Jackknife Replicate Weight 17
Record Number : 1
Position : 1176-1189
Format : N14.8
Comment :

Response	Codes
0 - 723.75	0 - 723.75

Variable Name : CREPWT18 Combined Linked Jackknife Replicate Weight 18
Record Number : 1
Position : 1190-1203
Format : N14.8
Comment :

Response	Codes
0 - 695.59	0 - 695.59

Variable Name : CREPWT19 Combined Linked Jackknife Replicate Weight 19
Record Number : 1
Position : 1204-1217
Format : N14.8
Comment :

Response	Codes
0 - 709.54	0 - 709.54

Variable Name : CREPWT20 Combined Linked Jackknife Replicate Weight 20
Record Number : 1
Position : 1218-1231
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT21 Combined Linked Jackknife Replicate Weight 21
Record Number : 1
Position : 1232-1245
Format : N14.8
Comment :

Response	Codes
0 - 552.81	0 - 552.81

Variable Name : CREPWT22 Combined Linked Jackknife Replicate Weight 22
Record Number : 1
Position : 1246-1259
Format : N14.8
Comment :

Response	Codes
0 - 784.89	0 - 784.89

Variable Name : CREPWT23 Combined Linked Jackknife Replicate Weight 23
Record Number : 1
Position : 1260-1273
Format : N14.8
Comment :

Response	Codes
0 - 644.36	0 - 644.36

Variable Name : CREPWT24 Combined Linked Jackknife Replicate Weight 24
Record Number : 1
Position : 1274-1287
Format : N14.8
Comment :

Response	Codes
0 - 508.25	0 - 508.25

Variable Name : CREPWT25 Combined Linked Jackknife Replicate Weight 25
Record Number : 1
Position : 1288-1301
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT26 Combined Linked Jackknife Replicate Weight 26
Record Number : 1
Position : 1302-1315
Format : N14.8
Comment :

Response	Codes
0 - 849.54	0 - 849.54

Variable Name : CREPWT27 Combined Linked Jackknife Replicate Weight 27
Record Number : 1
Position : 1316-1329
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT28 Combined Linked Jackknife Replicate Weight 28
Record Number : 1
Position : 1330-1343
Format : N14.8
Comment :

Response	Codes
0 - 531.46	0 - 531.46

Variable Name : CREPWT29 Combined Linked Jackknife Replicate Weight 29
Record Number : 1
Position : 1344-1357
Format : N14.8
Comment :

Response	Codes
0 - 513.54	0 - 513.54

Variable Name : CREPWT30 Combined Linked Jackknife Replicate Weight 30
Record Number : 1
Position : 1358-1371
Format : N14.8
Comment :

Response	Codes
0 - 521.52	0 - 521.52

Variable Name : CREPWT31 Combined Linked Jackknife Replicate Weight 31
Record Number : 1
Position : 1372-1385
Format : N14.8
Comment :

Response	Codes
0 - 476.76	0 - 476.76

Variable Name : CREPWT32 Combined Linked Jackknife Replicate Weight 32
Record Number : 1
Position : 1386-1399
Format : N14.8
Comment :

Response	Codes
0 - 566.85	0 - 566.85

Variable Name : CREPWT33 Combined Linked Jackknife Replicate Weight 33
Record Number : 1
Position : 1400-1413
Format : N14.8
Comment :

Response	Codes
0 - 602.01	0 - 602.01

Variable Name : CREPWT34 Combined Linked Jackknife Replicate Weight 34
Record Number : 1
Position : 1414-1427
Format : N14.8
Comment :

Response	Codes
0 - 615.97	0 - 615.97

Variable Name : CREPWT35 Combined Linked Jackknife Replicate Weight 35
Record Number : 1
Position : 1428-1441
Format : N14.8
Comment :

Response	Codes
0 - 766.69	0 - 766.69

Variable Name : CREPWT36 Combined Linked Jackknife Replicate Weight 36
Record Number : 1
Position : 1442-1455
Format : N14.8
Comment :

Response	Codes
0 - 505.06	0 - 505.06

Variable Name : CREPWT37 Combined Linked Jackknife Replicate Weight 37
Record Number : 1
Position : 1456-1469
Format : N14.8
Comment :

Response	Codes
0 - 722.35	0 - 722.35

Variable Name : CREPWT38 Combined Linked Jackknife Replicate Weight 38
Record Number : 1
Position : 1470-1483
Format : N14.8
Comment :

Response	Codes
0 - 527.31	0 - 527.31

Variable Name : CREPWT39 Combined Linked Jackknife Replicate Weight 39
Record Number : 1
Position : 1484-1497
Format : N14.8
Comment :

Response	Codes
0 - 594.26	0 - 594.26

Variable Name : CREPWT40 Combined Linked Jackknife Replicate Weight 40
Record Number : 1
Position : 1498-1511
Format : N14.8
Comment :

Response	Codes
0 - 624.89	0 - 624.89

Variable Name : CREPWT41 Combined Linked Jackknife Replicate Weight 41
Record Number : 1
Position : 1512-1525
Format : N14.8
Comment :

Response	Codes
0 - 559.17	0 - 559.17

Variable Name : CREPWT42 Combined Linked Jackknife Replicate Weight 42
Record Number : 1
Position : 1526-1539
Format : N14.8
Comment :

Response	Codes
0 - 499.40	0 - 499.40

Variable Name : CREPWT43 Combined Linked Jackknife Replicate Weight 43
Record Number : 1
Position : 1540-1553
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT44 Combined Linked Jackknife Replicate Weight 44
Record Number : 1
Position : 1554-1567
Format : N14.8
Comment :

Response	Codes
0 - 529.12	0 - 529.12

Variable Name : CREPWT45 Combined Linked Jackknife Replicate Weight 45
Record Number : 1
Position : 1568-1581
Format : N14.8
Comment :

Response	Codes
0 - 688.44	0 - 688.44

Variable Name : CREPWT46 Combined Linked Jackknife Replicate Weight 46
Record Number : 1
Position : 1582-1595
Format : N14.8
Comment :

Response	Codes
0 - 544.89	0 - 544.89

Variable Name : CREPWT47 Combined Linked Jackknife Replicate Weight 47
Record Number : 1
Position : 1596-1609
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT48 Combined Linked Jackknife Replicate Weight 48
Record Number : 1
Position : 1610-1623
Format : N14.8
Comment :

Response	Codes
0 - 476.76	0 - 476.76

Variable Name : CREPWT49 Combined Linked Jackknife Replicate Weight 49
Record Number : 1
Position : 1624-1637
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT50 Combined Linked Jackknife Replicate Weight 50
Record Number : 1
Position : 1638-1651
Format : N14.8
Comment :

Response	Codes
0 - 552.21	0 - 552.21

Variable Name : CREPWT51 Combined Linked Jackknife Replicate Weight 51
Record Number : 1
Position : 1652-1665
Format : N14.8
Comment :

Response	Codes
0 - 508.89	0 - 508.89

Variable Name : CREPWT52 Combined Linked Jackknife Replicate Weight 52
Record Number : 1
Position : 1666-1679
Format : N14.8
Comment :

Response	Codes
0 - 505.43	0 - 505.43

Variable Name : CREPWT53 Combined Linked Jackknife Replicate Weight 53
Record Number : 1
Position : 1680-1693
Format : N14.8
Comment :

Response	Codes
0 - 461.58	0 - 461.58

Variable Name : CREPWT54 Combined Linked Jackknife Replicate Weight 54
Record Number : 1
Position : 1694-1707
Format : N14.8
Comment :

Response	Codes
0 - 512.85	0 - 512.85

Variable Name : CREPWT55 Combined Linked Jackknife Replicate Weight 55
Record Number : 1
Position : 1708-1721
Format : N14.8
Comment :

Response	Codes
0 - 967.78	0 - 967.78

Variable Name : CREPWT56 Combined Linked Jackknife Replicate Weight 56
Record Number : 1
Position : 1722-1735
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT57 Combined Linked Jackknife Replicate Weight 57
Record Number : 1
Position : 1736-1749
Format : N14.8
Comment :

Response	Codes
0 - 540.43	0 - 540.43

Variable Name : CREPWT58 Combined Linked Jackknife Replicate Weight 58
Record Number : 1
Position : 1750-1763
Format : N14.8
Comment :

Response	Codes
0 - 490.91	0 - 490.91

Variable Name : CREPWT59 Combined Linked Jackknife Replicate Weight 59
Record Number : 1
Position : 1764-1777
Format : N14.8
Comment :

Response	Codes
0 - 539.93	0 - 539.93

Variable Name : CREPWT60 Combined Linked Jackknife Replicate Weight 60
Record Number : 1
Position : 1778-1791
Format : N14.8
Comment :

Response	Codes
0 - 601.14	0 - 601.14

Variable Name : CREPWT61 Combined Linked Jackknife Replicate Weight 61
Record Number : 1
Position : 1792-1805
Format : N14.8
Comment :

Response	Codes
0 - 512.11	0 - 512.11

Variable Name : CREPWT62 Combined Linked Jackknife Replicate Weight 62
Record Number : 1
Position : 1806-1819
Format : N14.8
Comment :

Response	Codes
0 - 502.42	0 - 502.42

Appendix S

2005 High School Transcript Study Codebook for School File

2005 HSTS School File

Variable Name : SCHOOLID School ID Number
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes
0130011 - 6130011	

Variable Name : SCHREFFI School Reference File
Record Number : 1
Position : 8-8
Format : C1
Comment :

Response	Codes
Common Core of Data	1
Private School Survey	2
Missing	9

Variable Name : SCHREFID School Reference File ID Number
Record Number : 1
Position : 9-20
Format : C12
Comment :

Response	Codes
All School Reference File ID Numbers	
Missing	UNKNOWN

Variable Name : CATSRCE Source of Catalog Titles
Record Number : 1
Position : 21-21
Format : C1
Comment :

Response	Codes
No Materials	0
School Provided	1

2005 HSTS School File

Variable Name : CATTYPE Type of Catalog Provided
Record Number : 1
Position : 22-22
Format : C1
Comment :

Response	Codes
Catalog - School Level	1
Catalog - District Level	2
Catalog - State Level	3
Course List - School Level	4
Course List - District Level	5
Course List - State Level	6
Master Schedule - School Level	7
No Materials	8

Variable Name : LINKED Sample Type
Record Number : 1
Position : 23-23
Format : C1
Comment :

Response	Codes
NAEP, Linked	1
HSTS Only	2
NAEP, Not Linked	3

2005 HSTS School File

Variable Name : STATE FIPS State Code
Record Number : 1
Position : 24-25
Format : C2
Comment :

Response	Codes
Alabama	01
Alaska	02
Arizona	04
Arkansas	05
California	06
Colorado	08
Connecticut	09
Delaware	10
District of Columbia	11
Florida	12
Georgia	13
Hawaii	15
Idaho	16
Illinois	17
Indiana	18
Iowa	19
Kansas	20
Kentucky	21
Louisiana	22
Maine	23
Maryland	24
Massachusetts	25
Michigan	26
Minnesota	27
Mississippi	28
Missouri	29
Montana	30
Nebraska	31
Nevada	32
New Hampshire	33
New Jersey	34
New Mexico	35
New York	36
North Carolina	37
North Dakota	38
Ohio	39
Oklahoma	40
Oregon	41
Pennsylvania	42
Rhode Island	44
South Carolina	45
South Dakota	46
Tennessee	47
Texas	48
Utah	49
Vermont	50
Virginia	51
Washington	53
West Virginia	54
Wisconsin	55
Wyoming	56
Bureau of Indian Affairs schools	59
Department of Defense schools	61

Variable Name : STYPE School Type
Record Number : 1
Position : 26-26
Format : C1
Comment :

Response	Codes
Public/State Run	1
Religious/Nonpublic	2
Catholic	3
Bureau of Indian Affairs	4
Department of Defense	5
Missing	9

Variable Name : LOCALE8 Type of Locale (8 levels)
Record Number : 1
Position : 27-27
Format : C1
Comment :

Response	Codes
Large city	1
Mid-sized city	2
Urban fringe of large city	3
Urban fringe of mid-sized city	4
Large town	5
Small town	6
Rural, outside CBSA	7
Rural, inside CBSA	8

Variable Name : LOCALE5 Type of Locale (5 levels)
Record Number : 1
Position : 28-28
Format : C1
Comment :

Response	Codes
Large city	1
Mid-sized city	2
Urban fringe	3
Town	4
Rural	5

Variable Name : URBAN Urbanicity (3 levels)
Record Number : 1
Position : 29-29
Format : C1
Comment :

Response	Codes
Urban	1
Suburban	2
Rural	3

Variable Name : ENROLL School Enrollment
Record Number : 1
Position : 30-30
Format : C1
Comment :

Response	Codes
0 - 499 students	1
500 - 999 students	2
1000 - 1499 students	3
1500 - 1999 students	4
2000+ students	5
Missing	9

Variable Name : MINSTAT School Minority Status
Record Number : 1
Position : 31-31
Format : C1
Comment :

Response	Codes
Missing	0
Low minority	1
Normal	2
High minority	3

Variable Name : MNGRDC Carnegie Units Required to Graduate (Cont.)
Record Number : 1
Position : 32-36
Format : N5.2
Comment :

Response	Codes
10 - 32	10 - 32
Missing	99.99

Variable Name : MNENGG English Credits for Graduation (Cont.)
Record Number : 1
Position : 37-41
Format : N5.2
Comment :

Response	Codes
0 - 45	0 - 45
Missing	99.99

Variable Name : MNMATG Mathematics Credits for Graduation (Cont.)
Record Number : 1
Position : 42-46
Format : N5.2
Comment :

Response	Codes
0 - 8	0 - 8
Missing	99.99

Variable Name : MNCMPS Computer Science Credits for Graduation (Cont.)
Record Number : 1
Position : 47-51
Format : N5.2
Comment :

Response	Codes
0 - 5	0 - 5
Missing	99.99

Variable Name : MNSOST Social Studies Credits for Graduation (Cont.)
Record Number : 1
Position : 52-56
Format : N5.2
Comment :

Response	Codes
0 - 12.5	0 - 12.5
Missing	99.99

Variable Name : MNSCGR Science Credits for Graduation (Cont.)
Record Number : 1
Position : 57-61
Format : N5.2
Comment :

Response	Codes
0 - 30	0 - 30
Missing	99.99

Variable Name : MNFLAN Foreign Language Credits for Graduation (Cont.)
Record Number : 1
Position : 62-66
Format : N5.2
Comment :

Response	Codes
0 - 6	0 - 6
Missing	99.99

Variable Name : MNPEDE Physical Education Credits for Graduation (Cont.)
Record Number : 1
Position : 67-71
Format : N5.2
Comment :

Response	Codes
0 - 15.5	0 - 15.5
Missing	99.99

Variable Name : MNOTCR Other Credits Required for Graduation (Cont.)
Record Number : 1
Position : 72-76
Format : N5.2
Comment :

Response	Codes
0 - 25.5	0 - 25.5
Missing	99.99

Variable Name : NONELCR Number of Non-Elective Credits
Record Number : 1
Position : 77-81
Format : N5.2
Comment :

Response	Codes
0 - 32	0 - 32
Missing	99.99

Variable Name : MNGRDCC Carnegie Units Required to Graduate (Categ.)
Record Number : 1
Position : 82-82
Format : C1
Comment :

Response	Codes
<= 24.0	1
24.1 - 26.0	2
26.1 - 28.0	3
>= 28.1	4
Missing	9

Variable Name : MNENGGC English Credits for Graduation (Categ.)
Record Number : 1
Position : 83-83
Format : C1
Comment :

Response	Codes
<= 3.9	1
4.0	2
>= 4.1	3
Missing	9

Variable Name : MNMATGC Mathematics Credits for Graduation (Categ.)
Record Number : 1
Position : 84-84
Format : C1
Comment :

Response	Codes
<= 2.0	1
2.1 - 3.0	2
>= 3.1	3
Missing	9

Variable Name : MNCMPSC Computer Science Credits for Graduation (Categ.)
Record Number : 1
Position : 85-85
Format : C1
Comment :

Response	Codes
0.0	1
0.1 - 1.0	2
>= 1.1	3
Missing	9

Variable Name : MNSOSTC Social Studies Credits for Graduation (Categ.)
Record Number : 1
Position : 86-86
Format : C1
Comment :

Response	Codes
<= 2.0	1
2.1 - 3.0	2
>= 3.1	3
Missing	9

Variable Name : MNSCGRC Science Credits for Graduation (Categ.)
Record Number : 1
Position : 87-87
Format : C1
Comment :

Response	Codes
<= 2.0	1
2.1 - 3.0	2
>= 3.1	3
Missing	9

Variable Name : MNFLANC Foreign Language Credits for Graduation (Categ.)
Record Number : 1
Position : 88-88
Format : C1
Comment :

Response	Codes
<= 1.0	1
1.1 - 2.0	2
>= 2.1	3
Missing	9

Variable Name : MNPEDEC Physical Education Credits for Graduation (Categ.)
Record Number : 1
Position : 89-89
Format : C1
Comment :

Response	Codes
<= 2.0	1
2.1 - 3.0	2
>= 3.1	3
Missing	9

Variable Name : MNOTCRC Other Credits Required for Graduation (Categ.)
Record Number : 1
Position : 90-90
Format : C1
Comment :

Response	Codes
0.0	1
0.1 - 1.0	2
>= 1.1	3
Missing	9

Variable Name : REQ Four Year High School?
Record Number : 1
Position : 91-91
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : COMPTST Competency Test Required
Record Number : 1
Position : 92-92
Format : C1
Comment :

Response	Codes
Yes	1
No	2
Missing	9

Variable Name : SGRSPAN Grade Span Code
Record Number : 1
Position : 93-96
Format : C4
Comment :

Response	Codes
Preschool to 12th	PK12
Kindergarten to 12th	KG12
6th to 12th	0612
7th to 12th	0712
8th to 12th	0812
9th to 12th	0912
10th to 12th	1012
11th to 12th	1112
12th grade only	1212
Not reported	UNKN

Variable Name : DIPSTD Offer Standard Diploma?
Record Number : 1
Position : 97-97
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : DIPHON Offer Honors Diploma?
Record Number : 1
Position : 98-98
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : DIPVOC Offer Vocational Diploma?
Record Number : 1
Position : 99-99
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : DIPSPED Offer Special Education Diploma?
Record Number : 1
Position : 100-100
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : DIPIB Offer International Baccalaureate Diploma?
Record Number : 1
Position : 101-101
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : PRGIB Offer International Baccalaureate Program?
Record Number : 1
Position : 102-102
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : PRGART Offer Performing Arts Program?
Record Number : 1
Position : 103-103
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : PRGSCT Offer Science and Technology Program?
Record Number : 1
Position : 104-104
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : PRGCE Offer Continuing Education Program?
Record Number : 1
Position : 105-105
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : PRGOTH Offer Other Specialized Program?
Record Number : 1
Position : 106-106
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : NUMCLASS Typical Number of Classes
Record Number : 1
Position : 107-108
Format : N2.0
Comment :

Response	Codes
1 - 15	1 - 15
Missing	99

Variable Name	:	LNGCLASS	Typical Length of Class (Minutes)
Record Number	:	1	
Position	:	109-111	
Format	:	N3.0	
Comment	:		

Response	**Codes**
0 - 120	0 - 120
Missing	999

Do all students in your school follow the same school calendar?

Variable Name	:	SCHQ2	All students follow same calendar
Record Number	:	1	
Position	:	112-112	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005.

Variable Name	:	SCHQ3	Hours of instruction at grade 12 as of Feb 1, 2005
Record Number	:	1	
Position	:	113-117	
Format	:	N5.0	
Comment	:		

Response	**Codes**
0 - 9727	0 - 9727
Omitted	99999

For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005. - First Group

Variable Name	:	SCHQ4A	First group: Hrs of instruction as of Feb 1, 2005
Record Number	:	1	
Position	:	118-121	
Format	:	N4.0	
Comment	:		

Response	**Codes**
0 - 7000	0 - 7000
Omitted	9999

For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005. - Second Group

Variable Name	:	SCHQ4B	Second group: Hrs of instruction as of Feb 1, 2005
Record Number	:	1	
Position	:	122-125	
Format	:	N4.0	
Comment	:		

Response	**Codes**
0 - 7000	0 - 7000
Omitted	9999

For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005. - Third Group

Variable Name	:	SCHQ4C	Third group: Hrs of instruction as of Feb 1, 2005
Record Number	:	1	
Position	:	126-129	
Format	:	N4.0	
Comment	:		

Response	**Codes**
0 - 7000	0 - 7000
Omitted	9999

What is the current enrollment in your school?

Variable Name	:	SCHQ5	What is current enrollment in school
Record Number	:	1	
Position	:	130-134	
Format	:	N5.0	
Comment	:		

Response	Codes
0 - 4867	0 - 4867
Omitted	99999

Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?

Variable Name	:	SCHQ6	Percent enrollment identified as LEP
Record Number	:	1	
Position	:	135-136	
Format	:	C2	
Comment	:		

Response	Codes
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

What type of school is this? - Regular secondary school

Variable Name	:	SCHQ7A	School type is regular secondary
Record Number	:	1	
Position	:	137-137	
Format	:	C1	
Comment	:		

Response	Codes
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - A regular school with a magnet program

Variable Name	:	SCHQ7B	School type is regular with magnet program
Record Number	:	1	
Position	:	138-138	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - A magnet school or a school with a special program emphasis, e.g., science/math school, performing arts high school, talented/gifted school, foreign language immersion school, etc.

Variable Name	:	SCHQ7C	School type is magnet or special emphasis
Record Number	:	1	
Position	:	139-139	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Special education: a school that primarily serves students with disabilities

Variable Name	:	SCHQ7D	School type is special education
Record Number	:	1	
Position	:	140-140	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Vocational/technical: a school that primarily serves students being trained for occupations

Variable Name	:	SCHQ7E	School type is vocational/technical
Record Number	:	1	
Position	:	141-141	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Alternative: a school that offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special education, or vocational

Variable Name	:	SCHQ7F	School type is alternative
Record Number	:	1	
Position	:	142-142	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Private (independent)

Variable Name	:	SCHQ7G	School type is private independent
Record Number	:	1	
Position	:	143-143	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Private (religiously affiliated)

Variable Name	:	SCHQ7H	School type is private religious
Record Number	:	1	
Position	:	144-144	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Charter school

Variable Name	:	SCHQ7I	School type is charter
Record Number	:	1	
Position	:	145-145	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Privately run public school

Variable Name	:	SCHQ7J	School type is privately run public
Record Number	:	1	
Position	:	146-146	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

What type of school is this? - Other

Variable Name	:	SCHQ7K	School type is other
Record Number	:	1	
Position	:	147-147	
Format	:	C1	
Comment	:		

Response	Codes
Multiple responses	0
Yes	1
No	2
Omitted	8

Does your school participate in the National School Lunch Program?

Variable Name	:	SCHQ8	School in National School Lunch Program
Record Number	:	1	
Position	:	148-148	
Format	:	C1	
Comment	:		

Response	Codes
Multiple responses	0
Yes	1
No	2
Omitted	8

How does the school operate the program?

Variable Name	:	SCHQ9	Operation of National School Lunch Program
Record Number	:	1	
Position	:	149-149	
Format	:	C1	
Comment	:		

Response	Codes
Multiple responses	0
Student eligibility determined individually	1
All students under special provisions	2
Omitted	8

If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected?

Variable Name	:	SCHQ10	Base year for National School Lunch eligibility
Record Number	:	1	
Position	:	150-151	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
Eligibility determined annually	01
2004	02
2003	03
2002	04
2001	05
2000	06
1999 or earlier	07
Omitted	88

During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?

Variable Name	:	SCHQ11	Percent eligible Nat School Lunch Program
Record Number	:	1	
Position	:	152-153	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 34%	05
35 - 50%	06
51 - 75%	07
76 - 99%	08
100%	09
Omitted	88

Does your school receive Title I funding? (Title I is a federally funded program which provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)

Variable Name	:	SCHQ12	Receive Title I funding
Record Number	:	1	
Position	:	154-154	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
No	1
Yes, targeted to eligible students	2
Yes, used for schoolwide purposes	3
Omitted	8

Approximately what percentage of students in your school receives the following services? - Targeted Title I services

Variable Name	:	SCHQ13A	Percent receiving targeted Title I services
Record Number	:	1	
Position	:	155-156	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Approximately what percentage of students in your school receives the following services? - Advanced Placement, International Baccalaureate, and honors courses

Variable Name	:	SCHQ13B	Percent in AP, IB, and honors courses
Record Number	:	1	
Position	:	157-158	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Approximately what percentage of students in your school receives the following services? - Instruction provided in student's home language (non-English)

Variable Name	:	SCHQ13C	Percent receiving non-English instruction
Record Number	:	1	
Position	:	159-160	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Approximately what percentage of students in your school receives the following services? - English-as-a-second-language (not in a bilingual education program)

Variable Name	:	SCHQ13D	Percent receiving ESL instruction
Record Number	:	1	
Position	:	161-162	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Approximately what percentage of students in your school receives the following services? - Special education

Variable Name	:	SCHQ13E	Percent in special education
Record Number	:	1	
Position	:	163-164	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? - Two-year colleges

Variable Name	:	SCHQ14A	Percent attending two-year colleges
Record Number	:	1	
Position	:	165-166	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? - Four-year colleges or universities

Variable Name	:	SCHQ14B	Percent attending four-year colleges
Record Number	:	1	
Position	:	167-168	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? - Vocational-technical or business schools

Variable Name	:	SCHQ14C	Percent attending vocational-technical schools
Record Number	:	1	
Position	:	169-170	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
0%	01
1 - 5%	02
6 - 10%	03
11 - 25%	04
26 - 50%	05
51 - 75%	06
76 - 90%	07
Over 90%	08
Omitted	88

Beginning with ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in mathematics for graduation this year?

Variable Name	:	SCHMQ1	Grad requirement for mathematics
Record Number	:	1	
Position	:	171-172	
Format	:	C2	
Comment	:		

Response	**Codes**
Multiple responses	00
None	01
One-half year	02
One year	03
Two years	04
Three years	05
Four years	06
More than four years	07
Omitted	88

Are courses of at least one semester in length taught in your school in each of the following subjects? - Pre-calculus, third-year algebra, or elementary functions and analysis

Variable Name	:	SCHMQ2A	Pre-calc/3rd-yr algeb, taught at least 1 semester
Record Number	:	1	
Position	:	173-173	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Trigonometry

Variable Name	:	SCHMQ2B	Courses taught in trigonometry
Record Number	:	1	
Position	:	174-174	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced Placement Calculus AB

Variable Name	:	SCHMQ2C	Courses taught in AP calculus AB
Record Number	:	1	
Position	:	175-175	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced Placement Calculus BC

Variable Name	:	SCHMQ2D	Courses taught in AP calculus BC
Record Number	:	1	
Position	:	176-176	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Calculus (other than those listed above)

Variable Name	:	SCHMQ2E	Courses taught in calculus (other)
Record Number	:	1	
Position	:	177-177	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced Placement Statistics

Variable Name	:	SCHMQ2F	Courses taught in AP statistics
Record Number	:	1	
Position	:	178-178	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Probability and/or statistics (other than those listed above)

Variable Name	:	SCHMQ2G	Courses taught in probability/statistics
Record Number	:	1	
Position	:	179-179	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced Placement Computer Science

Variable Name	:	SCHMQ2H	Courses taught in AP computer science
Record Number	:	1	
Position	:	180-180	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Computer science (other than those listed above)

Variable Name	:	SCHMQ2I	Courses taught in other computer science
Record Number	:	1	
Position	:	181-181	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Does your school offer online mathematics test preparation courses for students in your school?

Variable Name	:	SCHMQ3	School offers online math test prep courses
Record Number	:	1	
Position	:	182-182	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Does your school offer online mathematics courses for credit?

Variable Name	:	SCHMQ4	School offers online math courses for credit
Record Number	:	1	
Position	:	183-183	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Beginning in the ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in each of the following subject areas for graduation this year? - Reading/English/language arts

Variable Name	:	SCHRQ1A	Grad requirement for reading/English/language arts
Record Number	:	1	
Position	:	184-184	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
None	1
One-half year	2
One year	3
Two years	4
Three years	5
Four years	6
More than four years	7
Omitted	8

Beginning in the ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in each of the following subject areas for graduation this year? - Science

Variable Name	:	SCHSQ1B	Grad requirement for science
Record Number	:	1	
Position	:	185-185	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
None	1
One-half year	2
One year	3
Two years	4
Three years	5
Four years	6
More than four years	7
Omitted	8

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Use of language arts across the curriculum

Variable Name	:	SCHRQ2A	Prof dev using language arts across curriculum
Record Number	:	1	
Position	:	186-186	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Not at all	1
Small extent	2
Moderate extent	3
Large extent	4
Omitted	8

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Interpreting and analyzing literature

Variable Name	:	SCHRQ2B	Prof dev interpreting and analyzing literature
Record Number	:	1	
Position	:	187-187	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Not at all	1
Small extent	2
Moderate extent	3
Large extent	4
Omitted	8

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Understanding the process of reading or writing

Variable Name	:	SCHRQ2C	Prof development on reading and writing process
Record Number	:	1	
Position	:	188-188	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Not at all	1
Small extent	2
Moderate extent	3
Large extent	4
Omitted	8

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Instructional strategies for teaching language arts

Variable Name	:	SCHRQ2D	Prof dev on strategies for teaching language arts
Record Number	:	1	
Position	:	189-189	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Not at all	1
Small extent	2
Moderate extent	3
Large extent	4
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced biology (beyond an introductory course)

Variable Name	:	SCHSQ3A	Courses taught in advanced biology
Record Number	:	1	
Position	:	190-190	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced chemistry (beyond an introductory course)

Variable Name	:	SCHSQ3B	Courses taught in advanced chemistry
Record Number	:	1	
Position	:	191-191	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced physics (beyond an introductory course)

Variable Name	:	SCHSQ3C	Courses taught in advanced physics
Record Number	:	1	
Position	:	192-192	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
Omitted	8

Appendix T

2005 High School Transcript Study Codebook for SD/LEP File

2005 HSTS SD/LEP File

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes
0130011 - 6130011	

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes
1010807621 - 2580910314	

Variable Name : SUBJECT NAEP Subject
Record Number : 1
Position : 18-18
Format : C1
Comment :

Response	Codes
Mathematics	1
Science	2
None	9

Variable Name : SEX Student Gender
Record Number : 1
Position : 19-19
Format : C1
Comment :

Response	Codes
Male	1
Female	2
None	9

2005 HSTS SD/LEP File

Variable Name : RACE Student Race/Ethnicity
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes
Non-Hispanic White	1
Non-Hispanic Black	2
Hispanic	3
Asian/Pacific Islander	4
Native American	5
Other	6
Missing	9

Variable Name : BIRTHMO Student's Month of Birth
Record Number : 1
Position : 21-22
Format : C2
Comment :

Response	Codes
January	01
February	02
March	03
April	04
May	05
June	06
July	07
August	08
September	09
October	10
November	11
December	12
Missing	99

Variable Name : BIRTHYR Student's Year of Birth
Record Number : 1
Position : 23-26
Format : C4
Comment :

Response	Codes
1983	1983
1984	1984
1985	1985
1986	1986
1987	1987
1988	1988
1989	1989
Missing	9999

Variable Name : SDFLG Student Disability Flag
Record Number : 1
Position : 27-27
Format : C1
Comment :

Response	Codes
Has a student disability	1
Does not have a student disability	2
Omitted	8

Variable Name : LEPFLG Student Limited English Proficiency Flag
Record Number : 1
Position : 28-28
Format : C1
Comment :

Response	Codes
Has a limited English proficiency	1
Does not have a limited English proficiency	2
Formerly limited English proficient	3
Omitted	8

Variable Name : SDQPA Relationship to student-Classroom GE teacher
Record Number : 1
Position : 29-29
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : SDQPB Relationship to student-Special Ed teacher
Record Number : 1
Position : 30-30
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : SDQPC Relationship to student-Related serv provided
Record Number : 1
Position : 31-31
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : SDQPD Relationship to student-Guidance/schl counselor
Record Number : 1
Position : 32-32
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : SDQPE Relationship to student-Principal/Asst Principal
Record Number : 1
Position : 33-33
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : SDQPF Relationship to student-Other
Record Number : 1
Position : 34-34
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Why is this student classified as SD?

Variable Name : SDQ1 Why is this student classified as SD?
Record Number : 1
Position : 35-35
Format : C1
Comment :

Response	Codes
Multiple responses	0
Student has disability and IEP	1
Student has Section 504 plan	2
Student has disability, but IEP/Section 504 unclear	3
Omitted	8

Which of the following describes this student's identified disability(ies)?-Specific learning disability

Variable Name : SDQ2A Student's identified disab-Specific learning
Record Number : 1
Position : 36-36
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Hearing impairment/deafness

Variable Name : SDQ2B Student's identified disab-Hearing impairment
Record Number : 1
Position : 37-37
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Visual impairment/blindness

Variable Name	:	SDQ2C	Student's identified disab-Visual impairment
Record Number	:	1	
Position	:	38-38	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Speech or language impairment

Variable Name	:	SDQ2D	Student's identified disab-Speech impairment
Record Number	:	1	
Position	:	39-39	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Mental retardation

Variable Name	:	SDQ2E	Student's identified disab-Mental retardation
Record Number	:	1	
Position	:	40-40	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Emotional handicap/disturbance

Variable Name	:	SDQ2F	Student's identified disab-Emotional disturbance
Record Number	:	1	
Position	:	41-41	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Orthopedic impairment

Variable Name	:	SDQ2G	Student's identified disab-Orthopedic impairment
Record Number	:	1	
Position	:	42-42	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Traumatic brain injury

Variable Name	:	SDQ2H	Student's identified disab-Brain injury
Record Number	:	1	
Position	:	43-43	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Autism

Variable Name	:	SDQ2I	Student's identified disab-Autism
Record Number	:	1	
Position	:	44-44	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Developmental delay (age 9 or younger)

Variable Name	:	SDQ2J	Student's identified disab-Developmental delay
Record Number	:	1	
Position	:	45-45	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Other health impairments

Variable Name	:	SDQ2K	Student's identified disab-Other health
Record Number	:	1	
Position	:	46-46	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Which of the following describes this student's identified disability(ies)?-Other (specify)

Variable Name	:	SDQ2L	Student's identified disab-Other
Record Number	:	1	
Position	:	47-47	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In your judgment, what is the degree of this student's disability(ies)?

Variable Name	:	SDQ3	Degree of student's disability
Record Number	:	1	
Position	:	48-48	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Profound/Severe	1
Moderate	2
Mild	3
Omitted	8

At a minimum, do this student's longterm mathematics objectives include the ability to perform basic mathematics calculations without the use of a calculator?

Variable Name	:	SDQ4	Mathematics objectives, basic math, no calculator
Record Number	:	1	
Position	:	49-49	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
I don't know	3
Omitted	8

At a minimum, do this student's longterm reading objectives include the ability to decode simple printed material?

Variable Name	:	SDQ5	Reading objectives, decode printed material
Record Number	:	1	
Position	:	50-50	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Yes	1
No	2
I don't know	3
Omitted	8

What proportion of his or her academic class time (in subjects such as mathematics, reading/language arts, science, and social studies) does this student spend in the mainstream/general education classroom(s)?

Variable Name	:	SDQ6	Class time spent in mainstream/general education
Record Number	:	1	
Position	:	51-51	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
None	1
Half or less	2
More than half, but not all	3
All	4
I don't know	5
Omitted	8

In which area(s) is this student currently receiving special education services?-This student does not currently receive special education services.

Variable Name	:	SDQ7A	Receiving special ed services: Does not receive
Record Number	:	1	
Position	:	52-52	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Language development

Variable Name	:	SDQ7B	Receiving special ed services: Lang Development
Record Number	:	1	
Position	:	53-53	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Reading

Variable Name	:	SDQ7C	Receiving special ed services: Reading
Record Number	:	1	
Position	:	54-54	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Mathematics

Variable Name	:	SDQ7D	Receiving special ed services: Mathematics
Record Number	:	1	
Position	:	55-55	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Science

Variable Name : SDQ7E Receiving special ed services: Science
Record Number : 1
Position : 56-56
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Social Studies

Variable Name : SDQ7F Receiving special ed services: Social Studies
Record Number : 1
Position : 57-57
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Speech

Variable Name : SDQ7G Receiving special ed services: Speech
Record Number : 1
Position : 58-58
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Self-control and/or deportment

Variable Name : SDQ7H Receiving special ed services: Self-control
Record Number : 1
Position : 59-59
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Personal care and/or basic life skills

Variable Name	:	SDQ7I	Receiving special ed services: Personal care
Record Number	:	1	
Position	:	60-60	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Vocational education

Variable Name	:	SDQ7J	Receiving special ed services: Vocational ed
Record Number	:	1	
Position	:	61-61	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-Other

Variable Name	:	SDQ7K	Receiving special ed services: Other
Record Number	:	1	
Position	:	62-62	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which area(s) is this student currently receiving special education services?-I don’t know

Variable Name	:	SDQ7L	Receiving special ed services: I don't know
Record Number	:	1	
Position	:	63-63	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

In which subject is this student is being assessed by NAEP?

Variable Name : SDQ8 Subject in which this student is assessed by NAEP
Record Number : 1
Position : 64-64
Format : C1
Comment :

Response	Codes
Multiple responses	0
Civics	1
Economics	2
Mathematics	3
Reading	4
Science	5
U.S. History	6
Omitted	8

What grade level of instruction is this student currently receiving in the NAEP assessment subject?

Variable Name : SDQ9 Grade level of instructions student is receiving
Record Number : 1
Position : 65-65
Format : C1
Comment :

Response	Codes
Multiple responses	0
Not receiving instruction in this subject	1
At or above grade level	2
One year below grade level	3
Two or more years below grade level	4
I don't know	5
Omitted	8

Is this student participating in the same curriculum content as nondisabled students in the NAEP assessment subject?

Variable Name : SDQ10 Participating in same curriculum as nondisabled
Record Number : 1
Position : 66-66
Format : C1
Comment :

Response	Codes
Multiple responses	0
Not receiving instruction in this subject	1
Same curriculum content	2
Different curriculum content	3
I don't know	4
Omitted	8

According to the student's IEP or 504 plan, how does this student participate in the state academic assessment in the NAEP assessment subject? If your state does not have an assessment in the NAEP subject, indicate how this student participates in your state's reading/language arts assessment.

Variable Name	:	SDQ11	From IEP/504 plan, how student participates
Record Number	:	1	
Position	:	67-67	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Student's plan is still in process	1
Regular assessment without accommodations	2
Regular assessment with accommodations	3
Regular assessment using non-state-allowed accoms	4
Out-of-level (off-grade) assessment	5
Alternate assessment for signif. cognitive disabled studs	6
Other	7
Omitted	8

Presentation Accommodations-No presentation accommodations

Variable Name	:	SDQ12A	Presentation accom: No presentation accommodation
Record Number	:	1	
Position	:	68-68	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Presentation Accommodations-Directions read aloud to student or presented by audiotape

Variable Name	:	SDQ12B	Presentation accom: Directions read aloud
Record Number	:	1	
Position	:	69-69	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Presentation Accommodations-Directions signed

Variable Name : SDQ12C Presentation accom: Directions signed
Record Number : 1
Position : 70-70
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Directions repeated

Variable Name : SDQ12D Presentation accom: Directions repeated
Record Number : 1
Position : 71-71
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Assistance with interpretation of directions given

Variable Name : SDQ12E Presentation accom: Assistance with interpretation
Record Number : 1
Position : 72-72
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Passages, other test stimuli, or test questions read aloud or presented by audiotape

Variable Name : SDQ12F Presentation accom: Passages/test quest read aloud
Record Number : 1
Position : 73-73
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Braille edition of test

Variable Name : SDQ12G Presentation accom: Braille edition of test
Record Number : 1
Position : 74-74
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Large-print edition of test

Variable Name : SDQ12H Presentation accom: Large-print edition of test
Record Number : 1
Position : 75-75
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Magnifying equipment provided

Variable Name : SDQ12I Presentation accom: Magnifying equipment provided
Record Number : 1
Position : 76-76
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Test administered by person familiar to the student

Variable Name : SDQ12J Presentation accom: By person familiar to student
Record Number : 1
Position : 77-77
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Presentation Accommodations-Other

Variable Name : SDQ12K Presentation accom: Other
Record Number : 1
Position : 78-78
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-No response accommodations

Variable Name : SDQ13A Response accom: No response accommodations
Record Number : 1
Position : 79-79
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Responds in Braille

Variable Name : SDQ13B Response accom: Responds in Braille
Record Number : 1
Position : 80-80
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Responds in sign language

Variable Name : SDQ13C Response accom: Responds in sign language
Record Number : 1
Position : 81-81
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Points to answers

Variable Name : SDQ13D Response accom: Points to answers
Record Number : 1
Position : 82-82
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Responds orally

Variable Name : SDQ13E Response accom: Responds orally
Record Number : 1
Position : 83-83
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Tape records answers

Variable Name : SDQ13F Response accom: Tape records answers
Record Number : 1
Position : 84-84
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Uses computer to respond

Variable Name : SDQ13G Response accom: Uses computer to respond
Record Number : 1
Position : 85-85
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Uses typewriter to respond

Variable Name : SDQ13H Response accom: Uses typewriter to respond
Record Number : 1
Position : 86-86
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Uses a template to respond

Variable Name : SDQ13I Response accom: Uses a template to respond
Record Number : 1
Position : 87-87
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Uses a large marking pen or specially designed writing tool

Variable Name : SDQ13J Response accom: Uses a large marking pen
Record Number : 1
Position : 88-88
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Writes directly in test booklet

Variable Name : SDQ13K Response accom: Writes in test booklet
Record Number : 1
Position : 89-89
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Uses a calculator, including talking or Braille calculators, for computation tasks

Variable Name : SDQ13L Response accom: Uses a calculator
Record Number : 1
Position : 90-90
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Response Accommodations-Other

Variable Name : SDQ13M Response accom: Other
Record Number : 1
Position : 91-91
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-No setting accommodations

Variable Name : SDQ14A Setting accom: No setting accommodations
Record Number : 1
Position : 92-92
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-Tested in small group

Variable Name : SDQ14B Setting accom: Tested in small group
Record Number : 1
Position : 93-93
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-Tested individually

Variable Name : SDQ14C Setting accom: Tested individually
Record Number : 1
Position : 94-94
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-Tested in separate room

Variable Name : SDQ14D Setting accom: Tested in separate room
Record Number : 1
Position : 95-95
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-Receives preferential seating

Variable Name : SDQ14E Setting accom: Preferential seating
Record Number : 1
Position : 96-96
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-Special lighting provided

Variable Name : SDQ14F Setting accom: Special lighting provided
Record Number : 1
Position : 97-97
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-Special furniture provided

Variable Name : SDQ14G Setting accom: Special furniture provided
Record Number : 1
Position : 98-98
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Setting Accommodations-Other

Variable Name : SDQ14H Setting accom: Other
Record Number : 1
Position : 99-99
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Timing Accommodations-No timing accommodations

Variable Name : SDQ15A Timing accom: No timing accommodations
Record Number : 1
Position : 100-100
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Timing Accommodations-Receives extended time

Variable Name : SDQ15B Timing accom: Receives extended time
Record Number : 1
Position : 101-101
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Timing Accommodations-Receives breaks during test

Variable Name : SDQ15C Timing accom: Receives breaks during test
Record Number : 1
Position : 102-102
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Timing Accommodations-Tested over several days

Variable Name : SDQ15D Timing accom: Tested over several days
Record Number : 1
Position : 103-103
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Timing Accommodations-Other

Variable Name : SDQ15E Timing accom: Other
Record Number : 1
Position : 104-104
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

In your judgment, can this student participate in NAEP in the assessment subject?

Variable Name : SDQ16 Can student participate in this NAEP subject
Record Number : 1
Position : 105-105
Format : C1
Comment :

Response	Codes
Multiple responses	0
Yes, without accommodations	1
Yes, with accommodations permitted in NAEP	2
No, student is significantly cognitively disabled	3
No, student assessed out-of-level/alternate assessment	4
No, student requires accoms not permitted in NAEP	5
Omitted	8

Variable Name : LEPQPA Relationship to student-Classroom GE Teacher
Record Number : 1
Position : 106-106
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : LEPQPB Relationship to student-Bil.Ed/ESL Class Tch
Record Number : 1
Position : 107-107
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : LEPQPC Relationship to student-Bil.Ed/ESL Pullout
Record Number : 1
Position : 108-108
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : LEPQPD Relationship to student-Guidance/Sch Couns
Record Number : 1
Position : 109-109
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : LEPQPE Relationship to student-Princ/Assist Princip
Record Number : 1
Position : 110-110
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Variable Name : LEPQPF Relationship to student-Other
Record Number : 1
Position : 111-111
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

What is this student's first or native language?

Variable Name : LEPQ1 Student's first or native language
Record Number : 1
Position : 112-112
Format : C1
Comment :

Response	Codes
Multiple responses	0
Spanish	1
Other language	2
Omitted	8

How would you characterize this student's English proficiency?-Listening comprehension in English

Variable Name : LEPQ2 Student's English proficiency: Listen comp Engl
Record Number : 1
Position : 113-113
Format : C1
Comment :

Response	Codes
Multiple responses	0
Good (LEP Advanced)	1
Fair (LEP Intermediate)	2
Poor (LEP Beginning)	3
No proficiency	4
I don't know	5
Omitted	8

How would you characterize this student's English proficiency?-Speaking English

Variable Name : LEPQ3 Student's English proficiency: Speaking English
Record Number : 1
Position : 114-114
Format : C1
Comment :

Response	Codes
Multiple responses	0
Good (LEP Advanced)	1
Fair (LEP Intermediate)	2
Poor (LEP Beginning)	3
No proficiency	4
I don't know	5
Omitted	8

How would you characterize this student's English proficiency?-Reading English

Variable Name : LEPQ4 Student's English proficiency: Reading English
Record Number : 1
Position : 115-115
Format : C1
Comment :

Response	Codes
Multiple responses	0
Good (LEP Advanced)	1
Fair (LEP Intermediate)	2
Poor (LEP Beginning)	3
No proficiency	4
I don't know	5
Omitted	8

How would you characterize this student's English proficiency?-Writing English

Variable Name : LEPQ5 Student's English proficiency: Writing English
Record Number : 1
Position : 116-116
Format : C1
Comment :

Response	Codes
Multiple responses	0
Good (LEP Advanced)	1
Fair (LEP Intermediate)	2
Poor (LEP Beginning)	3
No proficiency	4
I don't know	5
Omitted	8

Including the current school year, how long has this student been receiving academic instruction primarily in English?

Variable Name : LEPQ6 How long has student been receiving instruc in Eng
Record Number : 1
Position : 117-117
Format : C1
Comment :

Response	Codes
Multiple responses	0
Does not receive academic instruction primarily in English	1
Less than 1 year	2
1 to 2 years	3
2 to 3 years	4
3 years or more	5
I don't know	6
Omitted	8

In which subject is this student is being assessed by NAEP?

Variable Name : LEPQ7 Subject in which student is assessed by NAEP
Record Number : 1
Position : 118-118
Format : C1
Comment :

Response	Codes
Multiple responses	0
Civics	1
Economics	2
Mathematics	3
Reading	4
Science	5
U.S. History	6
Omitted	8

What grade level of instruction is this student currently receiving in the NAEP assessment subject?

Variable Name	:	LEPQ8	Grade level of instructions student is receiving
Record Number	:	1	
Position	:	119-119	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Not receiving instruction in this subject	1
At or above grade level	2
One year below grade level	3
Two or more years below grade level	4
I don't know	5
Omitted	8

Is this student participating in the same curriculum content in the English language as English-speaking students in the NAEP assessment subject?

Variable Name	:	LEPQ9	Is student participating in the English language
Record Number	:	1	
Position	:	120-120	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Not receiving instruction in English in this subject	1
Same curriculum content	2
Different curriculum content	3
I don't know	4
Omitted	8

During this school year, what type of instruction for limited-English-proficient students has this student received in the NAEP assessment subject?

Variable Name	:	LEPQ10	Instruction limited-English-proficient received
Record Number	:	1	
Position	:	121-121	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
No specially designed instruction	1
Specially designed instruction in English	2
Native-language instruction	3
I don't know	4
Omitted	8

How does this student participate in the regular state academic assessment in the NAEP assessment subject? If your state does not have an assessment in the NAEP subject, indicate how this student participates in your state's reading/language arts assessment.

Variable Name	:	LEPQ11	Student participate in regular state acad assess
Record Number	:	1	
Position	:	122-122	
Format	:	C1	
Comment	:		

Response	**Codes**
Multiple responses	0
Does not participate in regular state assessment	1
Regular assessment without accommodations	2
Regular assessment with direct/indirect linguistic support	3
Other	4
I don't know	5
Omitted	8

Direct linguistic support accommodations in native language or English-No direct linguistic support accommodations

Variable Name	:	LEPQ12A	Linguistic support accom: No linguistic support
Record Number	:	1	
Position	:	123-123	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Native-language version of test

Variable Name	:	LEPQ12B	Linguistic support accom: Native-language vers test
Record Number	:	1	
Position	:	124-124	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Bilingual version of test

Variable Name : LEPQ12C Linguistic support accom: Bilingual version of test
Record Number : 1
Position : 125-125
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Bilingual word lists or glossaries

Variable Name : LEPQ12D Linguistic support accom: Bilingual word lists
Record Number : 1
Position : 126-126
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Bilingual dictionary without definitions

Variable Name : LEPQ12E Linguistic support accom: Bilingual dictionary
Record Number : 1
Position : 127-127
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Directions translated aloud into native language or presented by audiotape

Variable Name : LEPQ12F Linguistic support accom: Directions translated
Record Number : 1
Position : 128-128
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Passages, other stimulus material, or test questions translated aloud into native language or presented by audiotape

Variable Name	:	LEPQ12G	Linguistic support accom: Passages translated aloud
Record Number	:	1	
Position	:	129-129	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Student's oral or written responses translated into written English

Variable Name	:	LEPQ12H	Linguistic support accom: Resp translate to English
Record Number	:	1	
Position	:	130-130	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Directions read aloud in English or presented by audiotape

Variable Name	:	LEPQ12I	Linguistic support accom: Direction read in English
Record Number	:	1	
Position	:	131-131	
Format	:	C1	
Comment	:		

Response	**Codes**
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Passages, other stimulus materials, or test questions read aloud in English or presented by audiotape

Variable Name : LEPQ12J Linguistic support accom: Passages read in English
Record Number : 1
Position : 132-132
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Direct linguistic support accommodations in native language or English-Other

Variable Name : LEPQ12K Linguistic support accom: Other
Record Number : 1
Position : 133-133
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Indirect linguistic support accommodations-No indirect linguistic support accommodations

Variable Name : LEPQ13A Indirect linguistic accom: No indirect support
Record Number : 1
Position : 134-134
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Indirect linguistic support accommodations-Tested in small group

Variable Name : LEPQ13B Indirect linguistic accom: Tested in small group
Record Number : 1
Position : 135-135
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Indirect linguistic support accommodations-Tested individually

Variable Name : LEPQ13C Indirect linguistic accom: Tested individually
Record Number : 1
Position : 136-136
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Indirect linguistic support accommodations-Receives extended time

Variable Name : LEPQ13D Indirect linguistic accom: Receives extended time
Record Number : 1
Position : 137-137
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Indirect linguistic support accommodations-Receives preferential seating

Variable Name : LEPQ13E Indirect linguistic accom: Receives pref seating
Record Number : 1
Position : 138-138
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

Indirect linguistic support accommodations-Other

Variable Name : LEPQ13F Indirect linguistic accom: Other
Record Number : 1
Position : 139-139
Format : C1
Comment :

Response	Codes
Yes	1
Omitted	8

In your judgment, can this student participate in NAEP in the assessment subject?

Variable Name	:	LEPQ14	Can this student participate in this NAEP subject
Record Number	:	1	
Position	:	140-140	
Format	:	C1	
Comment	:		

Response	Codes
Multiple responses	0
Yes, without accommodations	1
Yes, with accommodations permitted in NAEP	2
No, student requires accoms not permitted in NAEP	3
Omitted	8

Appendix U

2005 High School Transcript Study Codebook for Student File

2005 HSTS Student File

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes
0130011 - 6130011	

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes
1010807613-9900002789	

Variable Name : EXITSTS Student Exit Status
Record Number : 1
Position : 18-19
Format : C2
Comment :

Response	Codes
Standard Diploma	01
Honors Diploma	02
Special Education Diploma	03
Certificate of Attendance/Completion	04
Still Enrolled	05
Dropped Out	06
Transferred	07
Withdrawn	08
GED	09
Other or Unknown	10
Pending completion	11
Incomplete transcripts	12
Alternative format transcript	13
Graduated but no transcripts	14
Out of scope	15

2005 HSTS Student File

Variable Name : RACE Student Race/Ethnicity
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes
White, not Hispanic	1
Black, not Hispanic	2
Hispanic	3
Asian/Pacific Islander	4
American Indian/Alaskan Native	5
Other	6
Missing	9

Variable Name : GRADE Student Grade Level in 2004-2005
Record Number : 1
Position : 21-22
Format : C2
Comment :

Response	Codes
Grade 12	12

Variable Name : SEX Student Gender
Record Number : 1
Position : 23-23
Format : C1
Comment :

Response	Codes
Male	1
Female	2
Missing	9

Variable Name : MOB Student Month of Birth
Record Number : 1
Position : 24-25
Format : C2
Comment :

Response	Codes
January	01
February	02
March	03
April	04
May	05
June	06
July	07
August	08
September	09
October	10
November	11
December	12
Missing	99

Variable Name : YOB Student Year of Birth
Record Number : 1
Position : 26-29
Format : C4
Comment :

Response	Codes
1983	1983
1984	1984
1985	1985
1986	1986
1987	1987
1988	1988
1989	1989
Missing	9999

Variable Name : SDSTATUS Student Disability Status
Record Number : 1
Position : 30-30
Format : C1
Comment :

Response	Codes
Has a disability	1
Does not have a disability	2
Missing	9

Variable Name : HCTYPE Student Disabling Condition
Record Number : 1
Position : 31-32
Format : C2
Comment :

Response	Codes
Multidisabled	00
Learning disabled	01
Hearing impaired	02
Visual impaired	03
Speech impaired	04
Mental retardation	05
Emotional disturbed	06
Orthopedic impaired	07
Traumatic brain injury	08
Autism	09
Developmental delay	10
Other health impaired	11
Other	12
Not Reported	88

Variable Name : LEP Student Limited English Proficiency Status
Record Number : 1
Position : 33-33
Format : C1
Comment :

Response	Codes
Has limited English proficiency	1
Does not have limited English proficiency	2
Formerly limited English proficient	3
Missing	9

Variable Name : MOG Student Month of Graduation
Record Number : 1
Position : 34-35
Format : C2
Comment :

Response	Codes
January	01
February	02
March	03
April	04
May	05
June	06
July	07
August	08
September	09
October	10
November	11
December	12
Missing	99

Variable Name : YOG Student Year of Graduation
Record Number : 1
Position : 36-39
Format : C4
Comment :

Response	Codes
2004	2004
2005	2005
Missing	9999

Variable Name : CENSREG Census Region (Same as NAEP Region)
Record Number : 1
Position : 40-40
Format : C1
Comment :

Response	Codes
Northeast	1
Midwest	2
South	3
West	4

Variable Name : PUBPRIV Public/Nonpublic School
Record Number : 1
Position : 41-41
Format : C1
Comment :

Response	Codes
Public	1
Private	2

Variable Name : NSLP National School Lunch Program Status
Record Number : 1
Position : 42-42
Format : C1
Comment :

Response	Codes
Student not eligible	1
Free lunch	2
Reduced price lunch	3
School not participating	4
School refused	5
Unknown	9

Variable Name : TITLEI Title 1 Funding Status
Record Number : 1
Position : 43-43
Format : C1
Comment :

Response	Codes
Receives Title I services	1
Does not receive Title I services	2
Unknown	9

Variable Name : FINSTUWT Final Usable Transcript Student Weight
Record Number : 1
Position : 44-56
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT1 Jackknife Replication Weight 1
Record Number : 1
Position : 57-69
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT2 Jackknife Replication Weight 2
Record Number : 1
Position : 70-82
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT3 Jackknife Replication Weight 3
Record Number : 1
Position : 83-95
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT4 Jackknife Replication Weight 4
Record Number : 1
Position : 96-108
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT5 Jackknife Replication Weight 5
Record Number : 1
Position : 109-121
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT6 Jackknife Replication Weight 6
Record Number : 1
Position : 122-134
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT7 Jackknife Replication Weight 7
Record Number : 1
Position : 135-147
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT8 Jackknife Replication Weight 8
Record Number : 1
Position : 148-160
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT9 Jackknife Replication Weight 9
Record Number : 1
Position : 161-173
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT10 Jackknife Replication Weight 10
Record Number : 1
Position : 174-186
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT11 Jackknife Replication Weight 11
Record Number : 1
Position : 187-199
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT12 Jackknife Replication Weight 12
Record Number : 1
Position : 200-212
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT13 Jackknife Replication Weight 13
Record Number : 1
Position : 213-225
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT14 Jackknife Replication Weight 14
Record Number : 1
Position : 226-238
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT15 Jackknife Replication Weight 15
Record Number : 1
Position : 239-251
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT16 Jackknife Replication Weight 16
Record Number : 1
Position : 252-264
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT17 Jackknife Replication Weight 17
Record Number : 1
Position : 265-277
Format : N13.8
Comment :

Response	Codes
0 - 467.37	0 - 467.37

Variable Name : REPWT18 Jackknife Replication Weight 18
Record Number : 1
Position : 278-290
Format : N13.8
Comment :

Response	Codes
0 - 491.78	0 - 491.78

Variable Name : REPWT19 Jackknife Replication Weight 19
Record Number : 1
Position : 291-303
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT20 Jackknife Replication Weight 20
Record Number : 1
Position : 304-316
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT21 Jackknife Replication Weight 21
Record Number : 1
Position : 317-329
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT22 Jackknife Replication Weight 22
Record Number : 1
Position : 330-342
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT23 Jackknife Replication Weight 23
Record Number : 1
Position : 343-355
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT24 Jackknife Replication Weight 24
Record Number : 1
Position : 356-368
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT25 Jackknife Replication Weight 25
Record Number : 1
Position : 369-381
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT26 Jackknife Replication Weight 26
Record Number : 1
Position : 382-394
Format : N13.8
Comment :

Response	Codes
0 - 507.11	0 - 507.11

Variable Name : REPWT27 Jackknife Replication Weight 27
Record Number : 1
Position : 395-407
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT28 Jackknife Replication Weight 28
Record Number : 1
Position : 408-420
Format : N13.8
Comment :

Response	Codes
0 - 381.66	0 - 381.66

Variable Name : REPWT29 Jackknife Replication Weight 29
Record Number : 1
Position : 421-433
Format : N13.8
Comment :

Response	Codes
0 - 448.94	0 - 448.94

Variable Name : REPWT30 Jackknife Replication Weight 30
Record Number : 1
Position : 434-446
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT31 Jackknife Replication Weight 31
Record Number : 1
Position : 447-459
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT32 Jackknife Replication Weight 32
Record Number : 1
Position : 460-472
Format : N13.8
Comment :

Response	Codes
0 - 467.94	0 - 467.94

Variable Name : REPWT33 Jackknife Replication Weight 33
Record Number : 1
Position : 473-485
Format : N13.8
Comment :

Response	Codes
0 - 431.76	0 - 431.76

Variable Name : REPWT34 Jackknife Replication Weight 34
Record Number : 1
Position : 486-498
Format : N13.8
Comment :

Response	Codes
0 - 465.43	0 - 465.43

Variable Name : REPWT35 Jackknife Replication Weight 35
Record Number : 1
Position : 499-511
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT36 Jackknife Replication Weight 36
Record Number : 1
Position : 512-524
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT37 Jackknife Replication Weight 37
Record Number : 1
Position : 525-537
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT38 Jackknife Replication Weight 38
Record Number : 1
Position : 538-550
Format : N13.8
Comment :

Response	Codes
0 - 450.26	0 - 450.26

Variable Name : REPWT39 Jackknife Replication Weight 39
Record Number : 1
Position : 551-563
Format : N13.8
Comment :

Response	Codes
0 - 487.33	0 - 487.33

Variable Name : REPWT40 Jackknife Replication Weight 40
Record Number : 1
Position : 564-576
Format : N13.8
Comment :

Response	Codes
0 - 487.33	0 - 487.33

Variable Name : REPWT41 Jackknife Replication Weight 41
Record Number : 1
Position : 577-589
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT42 Jackknife Replication Weight 42
Record Number : 1
Position : 590-602
Format : N13.8
Comment :

Response	Codes
0 - 523.54	0 - 523.54

Variable Name : REPWT43 Jackknife Replication Weight 43
Record Number : 1
Position : 603-615
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT44 Jackknife Replication Weight 44
Record Number : 1
Position : 616-628
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT45 Jackknife Replication Weight 45
Record Number : 1
Position : 629-641
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT46 Jackknife Replication Weight 46
Record Number : 1
Position : 642-654
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT47 Jackknife Replication Weight 47
Record Number : 1
Position : 655-667
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT48 Jackknife Replication Weight 48
Record Number : 1
Position : 668-680
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT49 Jackknife Replication Weight 49
Record Number : 1
Position : 681-693
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT50 Jackknife Replication Weight 50
Record Number : 1
Position : 694-706
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT51 Jackknife Replication Weight 51
Record Number : 1
Position : 707-719
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT52 Jackknife Replication Weight 52
Record Number : 1
Position : 720-732
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT53 Jackknife Replication Weight 53
Record Number : 1
Position : 733-745
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT54 Jackknife Replication Weight 54
Record Number : 1
Position : 746-758
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT55 Jackknife Replication Weight 55
Record Number : 1
Position : 759-771
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT56 Jackknife Replication Weight 56
Record Number : 1
Position : 772-784
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT57 Jackknife Replication Weight 57
Record Number : 1
Position : 785-797
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT58 Jackknife Replication Weight 58
Record Number : 1
Position : 798-810
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT59 Jackknife Replication Weight 59
Record Number : 1
Position : 811-823
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT60 Jackknife Replication Weight 60
Record Number : 1
Position : 824-836
Format : N13.8
Comment :

Response	Codes
0 - 757.84	0 - 757.84

Variable Name : REPWT61 Jackknife Replication Weight 61
Record Number : 1
Position : 837-849
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPWT62 Jackknife Replication Weight 62
Record Number : 1
Position : 850-862
Format : N13.8
Comment :

Response	Codes
0 - 457.86	0 - 457.86

Variable Name : REPGRP Jackknife Variance Stratum
Record Number : 1
Position : 863-864
Format : N2.0
Comment :

Response	Codes
1 - 62	1 - 62

Variable Name : DRPGRP Jackknife Variance Unit
Record Number : 1
Position : 865-865
Format : N1.0
Comment :

Response	Codes
1 - 3	1 - 3

Variable Name : NAEPSBJ NAEP Assessment Completed by Student
Record Number : 1
Position : 866-866
Format : C1
Comment :

Response	Codes
Mathematics	1
Science	2
Not Linked to NAEP	9

Variable Name : ABS09 Number Days Absent in Grade 9
Record Number : 1
Position : 867-869
Format : N3.0
Comment :

Response	Codes
0 - 175	0 - 175
Missing	999

Variable Name : ABS09C Number Days Absent in Grade 9 (Categ.)
Record Number : 1
Position : 870-870
Format : C1
Comment :

Response	Codes
0	1
1 - 4	2
5 - 9	3
>= 10	4
Missing	9

Variable Name : ABS10 Number Days Absent in Grade 10
Record Number : 1
Position : 871-873
Format : N3.0
Comment :

Response	Codes
0 - 99	0 - 99
Missing	999

Variable Name : ABS10C Number Days Absent in Grade 10 (Categ.)
Record Number : 1
Position : 874-874
Format : C1
Comment :

Response	Codes
0	1
1 - 4	2
5 - 9	3
>= 10	4
Missing	9

Variable Name : ABS11 Number Days Absent in Grade 11
Record Number : 1
Position : 875-877
Format : N3.0
Comment :

Response	Codes
0 - 100	0 - 100
Missing	999

Variable Name : ABS11C Number Days Absent in Grade 11 (Categ.)
Record Number : 1
Position : 878-878
Format : C1
Comment :

Response	Codes
0	1
1 - 4	2
5 - 9	3
>= 10	4
Missing	9

Variable Name : ABS12 Number Days Absent in Grade 12
Record Number : 1
Position : 879-881
Format : N3.0
Comment :

Response	Codes
0 - 99	0 - 99
Missing	999

Variable Name : ABS12C Number Days Absent in Grade 12 (Categ.)
Record Number : 1
Position : 882-882
Format : C1
Comment :

Response	Codes
0	1
1 - 4	2
5 - 9	3
>= 10	4
Missing	9

Variable Name : ABSTOT Total Number Days Absent
Record Number : 1
Position : 883-886
Format : N4.0
Comment :

Response	Codes
0 - 322	0 - 322
Missing	9999

Variable Name : ABSTOTC Total Number Days Absent (Categ.)
Record Number : 1
Position : 887-887
Format : C1
Comment :

Response	Codes
0	1
1 - 16	2
17 - 37	3
>= 38	4
Missing	9

Variable Name : CLRANK Class Rank
Record Number : 1
Position : 888-891
Format : N4.0
Comment :

Response	Codes
1 - 999	1 - 999
Missing	9999

Variable Name : CLSIZE Class Size
Record Number : 1
Position : 892-895
Format : N4.0
Comment :

Response	Codes
4 - 1023	4 - 1023
Missing	9999

Variable Name : PCTRN Percentile Class Rank
Record Number : 1
Position : 896-898
Format : N3.0
Comment :

Response	Codes
1 - 100	1 - 100
Missing	999

Variable Name : PCTRNC Percentile Class Rank (Categ.)
Record Number : 1
Position : 899-899
Format : C1
Comment :

Response	Codes
Top 10%	1
11% - 25%	2
26% - 75%	3
76% - 90%	4
Bottom 10%	5
Missing	9

Variable Name : TGPA Overall Grade Point Average (Computed)
Record Number : 1
Position : 900-903
Format : N4.2
Comment :

Response	Codes
1.20 - 4.00	1.20 - 4.00
Missing	9.99

Variable Name : TGPAI Overall Grade Point Average (Computed)(Categ.)
Record Number : 1
Position : 904-904
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : GPA_T Overall Grade Point Average (Transcript)
Record Number : 1
Position : 905-910
Format : N6.2
Comment :

Response	Codes
0.04 - 123.75	0.04 - 123.75
Missing	999.99

Variable Name : TCRED Total Carnegie Credits Earned (Computed)
Record Number : 1
Position : 911-915
Format : N5.2
Comment :

Response	Codes
0 - 78.5	0.00 - 78.50
Missing	99.99

Variable Name : TCREDI Total Carnegie Credits Earned (Computed)(Categ.)
Record Number : 1
Position : 916-916
Format : C1
Comment :

Response	Codes
<= 24.0	1
24.1 - 26.0	2
26.1 - 28.0	3
>= 28.1	4
Missing	9

Variable Name : TRNCRED Total Credits Earned (Transcript)
Record Number : 1
Position : 917-922
Format : N6.2
Comment :

Response	Codes
0 - 400	0 - 400

Variable Name : STUB0100 Carnegie Credits Earned - Mathematics
Record Number : 1
Position : 923-927
Format : N5.2
Comment :

Response	Codes
0 - 20	0.00 - 20.00
Missing	99.99

Variable Name : STUB0110 Carnegie Credits Earned - Basic Math
Record Number : 1
Position : 928-932
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0120 Carnegie Credits Earned - General Math
Record Number : 1
Position : 933-937
Format : N5.2
Comment :

Response	Codes
0 - 12.5	0.00 - 12.50
Missing	99.99

Variable Name : STUB0130 Carnegie Credits Earned - Applied Math
Record Number : 1
Position : 938-942
Format : N5.2
Comment :

Response	Codes
0 - 20	0.00 - 20.00
Missing	99.99

Variable Name : STUB0141 Carnegie Credits Earned - Pre-Algebra
Record Number : 1
Position : 943-947
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0142 Carnegie Credits Earned - Algebra 1
Record Number : 1
Position : 948-952
Format : N5.2
Comment :

Response	Codes
0 - 6.5	0.00 - 6.50
Missing	99.99

Variable Name : STUB0143 Carnegie Credits Earned - Algebra 2
Record Number : 1
Position : 953-957
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB0150 Carnegie Credits Earned - Geometry
Record Number : 1
Position : 958-962
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB0160 Carnegie Credits Earned - Calculus
Record Number : 1
Position : 963-967
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB0161 Carnegie Credits Earned - AP/IB/Honors Calculus
Record Number : 1
Position : 968-972
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB0170 Carnegie Credits Earned - Advanced Math, Other
Record Number : 1
Position : 973-977
Format : N5.2
Comment :

Response	Codes
0 - 7.02	0.00 - 7.02
Missing	99.99

Variable Name : STUB0171 Carnegie Credits Earned - Trigonometry
Record Number : 1
Position : 978-982
Format : N5.2
Comment :

Response	Codes
0 - 2.50	0.00 - 2.50
Missing	99.99

Variable Name : STUB0172 Carnegie Credits Earned - Analysis/Precalculus
Record Number : 1
Position : 983-987
Format : N5.2
Comment :

Response	Codes
0 - 3	0.00 - 3.00
Missing	99.99

Variable Name : STUB0173 Carnegie Credits Earned - Statistics/Probability
Record Number : 1
Position : 988-992
Format : N5.2
Comment :

Response	Codes
0 - 2	0.00 - 2.00
Missing	99.99

Variable Name : STUB0200 Carnegie Credits Earned - Science
Record Number : 1
Position : 993-997
Format : N5.2
Comment :

Response	Codes
0 - 12	0.00 - 12.00
Missing	99.99

Variable Name : STUB0210 Carnegie Credits Earned - Survey Science
Record Number : 1
Position : 998-1002
Format : N5.2
Comment :

Response	Codes
0 - 7	0.00 - 7.00
Missing	99.99

Variable Name : STUB0220 Carnegie Credits Earned - Biology
Record Number : 1
Position : 1003-1007
Format : N5.2
Comment :

Response	Codes
0 - 7	0.00 - 7.00
Missing	99.99

Variable Name : STUB0221 Carnegie Credits Earned - AP/IB/Honors Biology
Record Number : 1
Position : 1008-1012
Format : N5.2
Comment :

Response	Codes
0 - 4.5	0.00 - 4.50
Missing	99.99

Variable Name : STUB0230 Carnegie Credits Earned - Chemistry
Record Number : 1
Position : 1013-1017
Format : N5.2
Comment :

Response	Codes
0 - 5.5	0.00 - 5.50
Missing	99.99

Variable Name : STUB0231 Carnegie Credits Earned - AP/IB/Honors Chemistry
Record Number : 1
Position : 1018-1022
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB0240 Carnegie Credits Earned - Physics
Record Number : 1
Position : 1023-1027
Format : N5.2
Comment :

Response	Codes
0 - 8	0.00 - 8.00
Missing	99.99

Variable Name : STUB0241 Carnegie Credits Earned - AP/IB/Honors Physics
Record Number : 1
Position : 1028-1032
Format : N5.2
Comment :

Response	Codes
0 - 8	0.00 - 8.00
Missing	99.99

Variable Name : STUB0250 Carnegie Credits Earned - Engineering
Record Number : 1
Position : 1033-1037
Format : N5.2
Comment :

Response	Codes
0 - 5.5	0.00 - 5.50
Missing	99.99

Variable Name : STUB0260 Carnegie Credits Earned - Astronomy
Record Number : 1
Position : 1038-1042
Format : N5.2
Comment :

Response	Codes
0 - 1	0.00 - 1.00
Missing	99.99

Variable Name : STUB0270 Carnegie Credits Earned - Geology/Earth Science
Record Number : 1
Position : 1043-1047
Format : N5.2
Comment :

Response	Codes
0 - 5.5	0.00 - 5.50
Missing	99.99

Variable Name : STUB0281 One Credit Each in Biology and Chemistry? (Flag)
Record Number : 1
Position : 1048-1048
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : STUB0282 One Credit Each in Biology, Chemistry, and Physics? (Flag)
Record Number : 1
Position : 1049-1049
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : STUB0300 Carnegie Credits Earned - English
Record Number : 1
Position : 1050-1054
Format : N5.2
Comment :

Response	Codes
0 - 29.5	0.00 - 29.50
Missing	99.99

Variable Name : STUB0310 Carnegie Credits Earned - Survey English
Record Number : 1
Position : 1055-1059
Format : N5.2
Comment :

Response	Codes
0 - 9	0.00 - 9.00
Missing	99.99

Variable Name : STUB0320 Carnegie Credits Earned - Literature
Record Number : 1
Position : 1060-1064
Format : N5.2
Comment :

Response	Codes
0 - 6.5	0.00 - 6.50
Missing	99.99

Variable Name : STUB0330 Carnegie Credits Earned - Composition
Record Number : 1
Position : 1065-1069
Format : N5.2
Comment :

Response	Codes
0 - 8	0.00 - 8.00
Missing	99.99

Variable Name : STUB0340 Carnegie Credits Earned - Speech
Record Number : 1
Position : 1070-1074
Format : N5.2
Comment :

Response	Codes
0 - 10	0.00 - 10.00
Missing	99.99

Variable Name : STUB0350 Carnegie Credits Earned - AP/IB/Honors English
Record Number : 1
Position : 1075-1079
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0360 Carnegie Credits Earned - Remedial/Below Grade English
Record Number : 1
Position : 1080-1084
Format : N5.2
Comment :

Response	Codes
0 - 29.5	0.00 - 29.50
Missing	99.99

Variable Name : STUB0400 Carnegie Credits Earned - Social Studies
Record Number : 1
Position : 1085-1089
Format : N5.2
Comment :

Response	Codes
0 - 15	0.00 - 15.00
Missing	99.99

Variable Name : STUB0410 Carnegie Credits Earned - American History
Record Number : 1
Position : 1090-1094
Format : N5.2
Comment :

Response	Codes
0 - 5.5	0.00 - 5.50
Missing	99.99

Variable Name : STUB0411 Carnegie Credits Earned - AP/IB/Honors American History
Record Number : 1
Position : 1095-1099
Format : N5.2
Comment :

Response	Codes
0 - 3	0.00 - 3.00
Missing	99.99

Variable Name : STUB0420 Carnegie Credits Earned - World History
Record Number : 1
Position : 1100-1104
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0421 Carnegie Credits Earned - AP/IB/Honors World History
Record Number : 1
Position : 1105-1109
Format : N5.2
Comment :

Response	Codes
0 - 3	0.00 - 3.00
Missing	99.99

Variable Name : STUB0430 Carnegie Credits Earned - American Government and Politics
Record Number : 1
Position : 1110-1114
Format : N5.2
Comment :

Response	Codes
0 - 5.5	0.00 - 5.50
Missing	99.99

Variable Name : STUB0440 Carnegie Credits Earned - Humanities, Other
Record Number : 1
Position : 1115-1119
Format : N5.2
Comment :

Response	Codes
0 - 15	0.00 - 15.00
Missing	99.99

Variable Name : STUB0441 Carnegie Credits Earned - Non-Western History
Record Number : 1
Position : 1120-1124
Format : N5.2
Comment :

Response	Codes
0 - 3	0.00 - 3.00
Missing	99.99

Variable Name : STUB0442 Carnegie Credits Earned - Western History/Civilization
Record Number : 1
Position : 1125-1129
Format : N5.2
Comment :

Response	Codes
0 - 2.5	0.00 - 2.50
Missing	99.99

Variable Name : STUB0443 Carnegie Credits Earned - Economics
Record Number : 1
Position : 1130-1134
Format : N5.2
Comment :

Response	Codes
0 - 7	0.00 - 7.00
Missing	99.99

Variable Name : STUB0444 Carnegie Credits Earned - Geography
Record Number : 1
Position : 1135-1139
Format : N5.2
Comment :

Response	Codes
0 - 3	0.00 - 3.00
Missing	99.99

Variable Name : STUB0445 Carnegie Credits Earned - Sociology/Psychology
Record Number : 1
Position : 1140-1144
Format : N5.2
Comment :

Response	Codes
0 - 9	0.00 - 9.00
Missing	99.99

Variable Name : STUB0446 Carnegie Credits Earned - International Politics
Record Number : 1
Position : 1145-1149
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB0447 Carnegie Credits Earned - Remedial/Below Grade Social Studies
Record Number : 1
Position : 1150-1154
Format : N5.2
Comment :

Response	Codes
0 - 3	0.00 - 3.00
Missing	99.99

Variable Name : STUB0450 Carnegie Credits Earned - AP/IB/Honors Social Studies
Record Number : 1
Position : 1155-1159
Format : N5.2
Comment :

Response	Codes
0 - 7	0.00 - 7.00
Missing	99.99

Variable Name : STUB0500 Carnegie Credits Earned - Fine Arts
Record Number : 1
Position : 1160-1164
Format : N5.2
Comment :

Response	Codes
0 - 16	0.00 - 16.00
Missing	99.99

Variable Name : STUB0510 Carnegie Credits Earned - Fine Arts and Crafts
Record Number : 1
Position : 1165-1169
Format : N5.2
Comment :

Response	Codes
0 - 15.5	0.00 - 15.50
Missing	99.99

Variable Name : STUB0520 Carnegie Credits Earned - Music
Record Number : 1
Position : 1170-1174
Format : N5.2
Comment :

Response	Codes
0 - 15.5	0.00 - 15.50
Missing	99.99

Variable Name : STUB0530 Carnegie Credits Earned - Drama
Record Number : 1
Position : 1175-1179
Format : N5.2
Comment :

Response	Codes
0 - 16	0.00 - 16.00
Missing	99.99

Variable Name : STUB0540 Carnegie Credits Earned - Dance
Record Number : 1
Position : 1180-1184
Format : N5.2
Comment :

Response	Codes
0 - 14	0.00 - 14.00
Missing	99.99

Variable Name : STUB0550 Carnegie Credits Earned - Art/Music Appreciation/History
Record Number : 1
Position : 1185-1189
Format : N5.2
Comment :

Response	Codes
0 - 6	0.00 - 6.00
Missing	99.99

Variable Name : STUB0600 Carnegie Credits Earned - Foreign Languages
Record Number : 1
Position : 1190-1194
Format : N5.2
Comment :

Response	Codes
0 - 16	0.00 - 16.00
Missing	99.99

Variable Name : STUB0601 Carnegie Credits Earned - AP/IB/Honors Foreign Language
Record Number : 1
Position : 1195-1199
Format : N5.2
Comment :

Response	Codes
0 - 6	0.00 - 6.00
Missing	99.99

Variable Name : STUB0610 Carnegie Credits Earned - Survey Foreign Language
Record Number : 1
Position : 1200-1204
Format : N5.2
Comment :

Response	Codes
0 - 15	0.00 - 15.00
Missing	99.99

Variable Name : STUB0620 Carnegie Credits Earned - French
Record Number : 1
Position : 1205-1209
Format : N5.2
Comment :

Response	Codes
0 - 6	0.00 - 6.00
Missing	99.99

Variable Name : STUB0630 Carnegie Credits Earned - Spanish
Record Number : 1
Position : 1210-1214
Format : N5.2
Comment :

Response	Codes
0 - 7.5	0.00 - 7.50
Missing	99.99

Variable Name : STUB0640 Carnegie Credits Earned - German
Record Number : 1
Position : 1215-1219
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0650 Carnegie Credits Earned - Latin
Record Number : 1
Position : 1220-1224
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0660 Carnegie Credits Earned - Japanese
Record Number : 1
Position : 1225-1229
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0670 Carnegie Credits Earned - Mandarin/Cantonese
Record Number : 1
Position : 1230-1234
Format : N5.2
Comment :

Response	Codes
0 - 5.5	0.00 - 5.50
Missing	99.99

Variable Name : STUB0680 Carnegie Credits Earned - Russian
Record Number : 1
Position : 1235-1239
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB0690 Carnegie Credits Earned - Foreign Language, Other
Record Number : 1
Position : 1240-1244
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB0700 Carnegie Credits Earned - Computer-Related Studies
Record Number : 1
Position : 1245-1249
Format : N5.2
Comment :

Response	Codes
0 - 12	0.00 - 12.00
Missing	99.99

Variable Name : STUB0710 Carnegie Credits Earned - Clerical and Data Entry
Record Number : 1
Position : 1250-1254
Format : N5.2
Comment :

Response	Codes
0 - 8	0.00 - 8.00
Missing	99.99

Variable Name : STUB0720 Carnegie Credits Earned - Computer Applications
Record Number : 1
Position : 1255-1259
Format : N5.2
Comment :

Response	Codes
0 - 12	0.00 - 12.00
Missing	99.99

Variable Name : STUB0730 Carnegie Credits Earned - Computer Science
Record Number : 1
Position : 1260-1264
Format : N5.2
Comment :

Response	Codes
0 - 9.8	0.00 - 9.80
Missing	99.99

Variable Name : STUB0740 Carnegie Credits Earned - Comp. and Network Hardware and Maint.
Record Number : 1
Position : 1265-1269
Format : N5.2
Comment :

Response	Codes
0 - 6	0.00 - 6.00
Missing	99.99

Variable Name : STUB0800 Carnegie Credits Earned - Consumer and Homemaking Education
Record Number : 1
Position : 1270-1274
Format : N5.2
Comment :

Response	Codes
0 - 10.5	0.00 - 10.50
Missing	99.99

Variable Name : STUB0900 Carnegie Credits Earned - General Labor Market Preparation
Record Number : 1
Position : 1275-1279
Format : N5.2
Comment :

Response	Codes
0 - 21	0.00 - 21.00
Missing	99.99

Variable Name : STUB0910 Carnegie Credits Earned - Typewriting 1
Record Number : 1
Position : 1280-1284
Format : N5.2
Comment :

Response	Codes
0 - 10.5	0.00 - 10.50
Missing	99.99

Variable Name : STUB0920 Carnegie Credits Earned - Introductory Industrial
Record Number : 1
Position : 1285-1289
Format : N5.2
Comment :

Response	Codes
0 - 10	0.00 - 10.00
Missing	99.99

Variable Name : STUB0930 Carnegie Credits Earned - Work Experience/Career Exploration
Record Number : 1
Position : 1290-1294
Format : N5.2
Comment :

Response	Codes
0 - 21	0.00 - 21.00
Missing	99.99

Variable Name : STUB0940 Carnegie Credits Earned - General Labor Market Skills
Record Number : 1
Position : 1295-1299
Format : N5.2
Comment :

Response	Codes
0 - 4	0.00 - 4.00
Missing	99.99

Variable Name : STUB1000 Carnegie Credits Earned - Specific Labor Market Preparation
Record Number : 1
Position : 1300-1304
Format : N5.2
Comment :

Response	Codes
0 - 19	0.00 - 19.00
Missing	99.99

Variable Name : STUB1010 Carnegie Credits Earned - Agriculture/Renewable Resources
Record Number : 1
Position : 1305-1309
Format : N5.2
Comment :

Response	Codes
0 - 13.5	0.00 - 13.50
Missing	99.99

Variable Name : STUB1020 Carnegie Credits Earned - Business
Record Number : 1
Position : 1310-1314
Format : N5.2
Comment :

Response	Codes
0 - 12	0.00 - 12.00
Missing	99.99

Variable Name : STUB1030 Carnegie Credits Earned - Marketing and Distribution
Record Number : 1
Position : 1315-1319
Format : N5.2
Comment :

Response	Codes
0 - 9.5	0.00 - 9.50
Missing	99.99

Variable Name : STUB1040 Carnegie Credits Earned - Health
Record Number : 1
Position : 1320-1324
Format : N5.2
Comment :

Response	Codes
0 - 12	0.00 - 12.00
Missing	99.99

Variable Name : STUB1050 Carnegie Credits Earned - Occupational Home Economics
Record Number : 1
Position : 1325-1329
Format : N5.2
Comment :

Response	Codes
0 - 15	0.00 - 15.00
Missing	99.99

Variable Name : STUB1060 Carnegie Credits Earned - Trade and Industry
Record Number : 1
Position : 1330-1334
Format : N5.2
Comment :

Response	Codes
0 - 16	0.00 - 16.00
Missing	99.99

Variable Name : STUB1070 Carnegie Credits Earned - Technical and Communications
Record Number : 1
Position : 1335-1339
Format : N5.2
Comment :

Response	Codes
0 - 13	0.00 - 13.00
Missing	99.99

Variable Name : STUB1080 Carnegie Credits Earned - Unidentfd. Specific Labor Market Prep.
Record Number : 1
Position : 1340-1344
Format : N5.2
Comment :

Response	Codes
0 - 16.5	0.00 - 16.50
Missing	99.99

Variable Name : STUB1100 Carnegie Credits Earned - General Skills
Record Number : 1
Position : 1345-1349
Format : N5.2
Comment :

Response	Codes
0 - 66	0.00 - 66.00
Missing	99.99

Variable Name : STUB1200 Carnegie Credits Earned - Personal Health and Physical Education
Record Number : 1
Position : 1350-1354
Format : N5.2
Comment :

Response	Codes
0 - 15	0.00 - 15.00
Missing	99.99

Variable Name : STUB1210 Carnegie Credits Earned - Physical Education
Record Number : 1
Position : 1355-1359
Format : N5.2
Comment :

Response	Codes
0 - 11	0.00 - 11.00
Missing	99.99

Variable Name : STUB1220 Carnegie Credits Earned - Personal Health
Record Number : 1
Position : 1360-1364
Format : N5.2
Comment :

Response	Codes
0 - 12	0.00 - 12.00
Missing	99.99

Variable Name : STUB1230 3 Credits in Phys. Ed. and 1/2 Credit in Personal Health? (Flag)
Record Number : 1
Position : 1365-1365
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : STUB1240 Carnegie Credits Earned - Driver Education
Record Number : 1
Position : 1366-1370
Format : N5.2
Comment :

Response	Codes
0 - 3.4	0.00 - 3.40
Missing	99.99

Variable Name : STUB1250 Carnegie Credits Earned - Personal Growth/Interpersonal Rltnshp.
Record Number : 1
Position : 1371-1375
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : STUB1300 Carnegie Credits Earned - Religion
Record Number : 1
Position : 1376-1380
Format : N5.2
Comment :

Response	Codes
0 - 11.01	0.00 - 11.01
Missing	99.99

Variable Name : STUB1400 Carnegie Credits Earned - Military Science
Record Number : 1
Position : 1381-1385
Format : N5.2
Comment :

Response	Codes
0 - 10	0.00 - 10.00
Missing	99.99

Variable Name : STUB1500 Carnegie Credits Earned - Special Education
Record Number : 1
Position : 1386-1390
Format : N5.2
Comment :

Response	Codes
0 - 68	0.00 - 68.00
Missing	99.99

Variable Name : STUB1600 Carnegie Credits Earned - All Other Courses
Record Number : 1
Position : 1391-1395
Format : N5.2
Comment :

Response	Codes
0 - 26.5	0.00 - 26.50
Missing	99.99

Variable Name : STUB2001 4ENG+3SS+3SCI+3MATH+1/2COMP+2FL? (Flag)
Record Number : 1
Position : 1396-1396
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : STUB2002 4ENG+3SS+3SCI+3MATH+1/2COMP? (Flag)
Record Number : 1
Position : 1397-1397
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : STUB2003 4ENG+3SS+3SCI+3MATH+2FL? (Flag)
Record Number : 1
Position : 1398-1398
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : STUB2004 4ENG+3SS+3SCI+3MATH? (Flag)
Record Number : 1
Position : 1399-1399
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : STUB2005 4ENG+3SS+2SCI+2MATH? (Flag)
Record Number : 1
Position : 1400-1400
Format : C1
Comment :

Response	Codes
Failed Threshold	0
Met Threshold	1
Missing	9

Variable Name : IBCRD Carnegie Credits Earned - IB courses
Record Number : 1
Position : 1401-1405
Format : N5.2
Comment :

Response	Codes
0 - 16	0.00 - 16.00
Missing	99.99

Variable Name : IBCRDI Carnegie Credits Earned - IB courses (Categ.)
Record Number : 1
Position : 1406-1406
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : IBGPA Grade Point Average - IB courses
Record Number : 1
Position : 1407-1410
Format : N4.2
Comment :

Response	Codes
1.00 - 4.00	1.00 - 4.00
Missing	9.99

Variable Name : IBGPAI Grade Point Average - IB courses (Categ.)
Record Number : 1
Position : 1411-1411
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : PIBCRD Carnegie Credits Earned - Pre-IB courses
Record Number : 1
Position : 1412-1416
Format : N5.2
Comment :

Response	Codes
0 - 14.5	0.00 - 14.50
Missing	99.99

Variable Name : PIBCRDI Carnegie Credits Earned - Pre-IB courses (Categ.)
Record Number : 1
Position : 1417-1417
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : PIBGPA Grade Point Average - Pre-IB courses
Record Number : 1
Position : 1418-1421
Format : N4.2
Comment :

Response	Codes
0.33 - 4.00	0.33 - 4.00
Missing	9.99

Variable Name : PIBGPAI Grade Point Average - Pre-IB courses (Categ.)
Record Number : 1
Position : 1422-1422
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : APCRD Carnegie Credits Earned - AP courses
Record Number : 1
Position : 1423-1427
Format : N5.2
Comment :

Response	Codes
0 - 13.5	0.00 - 13.50
Missing	99.99

Variable Name : APCRDI Carnegie Credits Earned - AP courses (Categ.)
Record Number : 1
Position : 1428-1428
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : APGPA Grade Point Average - AP courses
Record Number : 1
Position : 1429-1432
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : APGPAI Grade Point Average - AP courses (Categ.)
Record Number : 1
Position : 1433-1433
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : PAPCRD Carnegie Credits Earned - Pre-AP courses
Record Number : 1
Position : 1434-1438
Format : N5.2
Comment :

Response	Codes
0 - 14.5	0.00 - 14.50
Missing	99.99

Variable Name : PAPCRDI Carnegie Credits Earned - Pre-AP courses (Categ.)
Record Number : 1
Position : 1439-1439
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : PAPGPA Grade Point Average - Pre-AP courses
Record Number : 1
Position : 1440-1443
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : PAPGPAI Grade Point Average - Pre-AP courses (Categ.)
Record Number : 1
Position : 1444-1444
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : HONCRD Carnegie Credits Earned - Honors courses
Record Number : 1
Position : 1445-1449
Format : N5.2
Comment :

Response	Codes
0 - 25	0.00 - 25.00
Missing	99.99

Variable Name : HONCRDI Carnegie Credits Earned - Honors courses (Categ.)
Record Number : 1
Position : 1450-1450
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : HONGPA Grade Point Average - Honors courses
Record Number : 1
Position : 1451-1454
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : HONGPAI Grade Point Average - Honors courses (Categ.)
Record Number : 1
Position : 1455-1455
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : ENRCRD Carnegie Credits Earned - Enriched courses
Record Number : 1
Position : 1456-1460
Format : N5.2
Comment :

Response	Codes
0 - 24.5	0.00 - 24.50
Missing	99.99

Variable Name : ENRCRDI Carnegie Credits Earned - Enriched courses (Categ.)
Record Number : 1
Position : 1461-1461
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : ENRGPA Grade Point Average - Enriched courses
Record Number : 1
Position : 1462-1465
Format : N4.2
Comment :

Response	Codes
1.00 - 4.00	1.00 - 4.00
Missing	9.99

Variable Name : ENRGPAI Grade Point Average - Enriched courses (Categ.)
Record Number : 1
Position : 1466-1466
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : ADVCRD Carnegie Credits Earned - Advanced courses
Record Number : 1
Position : 1467-1471
Format : N5.2
Comment :

Response	Codes
0 - 32.5	0.00 - 32.50
Missing	99.99

Variable Name : ADVCRDI Carnegie Credits Earned - Advanced courses (Categ.)
Record Number : 1
Position : 1472-1472
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : ADVGPA Grade Point Average - Advanced courses
Record Number : 1
Position : 1473-1476
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : ADVGPAI Grade Point Average - Advanced courses (Categ.)
Record Number : 1
Position : 1477-1477
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S01CRDI Carnegie Credits Earned - Mathematics (Categ.)
Record Number : 1
Position : 1478-1478
Format : C1
Comment :

Response	Codes
<= 3.0	1
3.1 - 3.5	2
3.6 - 4.0	3
>= 4.1	4
Missing	9

Variable Name : S01GPA Grade Point Average - Mathematics
Record Number : 1
Position : 1479-1482
Format : N4.2
Comment :

Response	Codes
0.33 - 4.00	0.33 - 4.00
Missing	9.99

Variable Name : S01GPAI Grade Point Average - Mathematics (Categ.)
Record Number : 1
Position : 1483-1483
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S02CRDI Carnegie Credits Earned - Science (Categ.)
Record Number : 1
Position : 1484-1484
Format : C1
Comment :

Response	Codes
<= 2.5	1
2.6 - 3.0	2
3.1 - 4.0	3
>= 4.1	4
Missing	9

Variable Name : S02GPA Grade Point Average - Science
Record Number : 1
Position : 1485-1488
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S02GPAI Grade Point Average - Science (Categ.)
Record Number : 1
Position : 1489-1489
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S03CRDI Carnegie Credits Earned - English (Categ.)
Record Number : 1
Position : 1490-1490
Format : C1
Comment :

Response	Codes
<= 4.0	1
4.1 - 4.5	2
>= 4.6	3
Missing	9

Variable Name : S03GPA Grade Point Average - English
Record Number : 1
Position : 1491-1494
Format : N4.2
Comment :

Response	Codes
0.50 - 4.00	0.50 - 4.00
Missing	9.99

Variable Name : S03GPAI Grade Point Average - English (Categ.)
Record Number : 1
Position : 1495-1495
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S04CRDI Carnegie Credits Earned - Social Studies (Categ.)
Record Number : 1
Position : 1496-1496
Format : C1
Comment :

Response	Codes
<= 3.0	1
3.1 - 4.0	2
4.1 - 4.5	3
>= 4.6	4
Missing	9

Variable Name : S04GPA Grade Point Average - Social Studies
Record Number : 1
Position : 1497-1500
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S04GPAI Grade Point Average - Social Studies (Categ.)
Record Number : 1
Position : 1501-1501
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S05CRDI Carnegie Credits Earned - Fine Arts (Categ.)
Record Number : 1
Position : 1502-1502
Format : C1
Comment :

Response	Codes
<= 0.5	1
0.6 - 1.5	2
1.6 - 3.0	3
>= 3.1	4
Missing	9

Variable Name : S05GPA Grade Point Average - Fine Arts
Record Number : 1
Position : 1503-1506
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S05GPAI Grade Point Average - Fine Arts (Categ.)
Record Number : 1
Position : 1507-1507
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S06CRDI Carnegie Credits Earned - Foreign Language (Categ.)
Record Number : 1
Position : 1508-1508
Format : C1
Comment :

Response	Codes
<= 1.0	1
1.1 - 2.0	2
2.1 - 3.0	3
>= 3.1	4
Missing	9

Variable Name : S06GPA Grade Point Average - Foreign Language
Record Number : 1
Position : 1509-1512
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S06GPAI Grade Point Average - Foreign Language (Categ.)
Record Number : 1
Position : 1513-1513
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S07CRDI Carnegie Credits Earned - Computer-Related Studies (Categ.)
Record Number : 1
Position : 1514-1514
Format : C1
Comment :

Response	Codes
0	1
0.1 - 0.5	2
0.6 - 1.0	3
>= 1.1	4
Missing	9

Variable Name : S07GPA Grade Point Average - Computer-Related Studies
Record Number : 1
Position : 1515-1518
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S07GPAI Grade Point Average - Computer-Related Studies (Categ.)
Record Number : 1
Position : 1519-1519
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S08CRDI Carnegie Credits Earned - Consumer and Homemaking Educ. (Categ.)
Record Number : 1
Position : 1520-1520
Format : C1
Comment :

Response	Codes
0	1
0.01 - 0.75	2
>= 0.76	3
Missing	9

Variable Name : S08GPA Grade Point Average - Consumer and Homemaking Education
Record Number : 1
Position : 1521-1524
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S08GPAI Grade Point Average - Consumer and Homemaking Education (Categ.)
Record Number : 1
Position : 1525-1525
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S09CRDI Carnegie Credits Earned - General Labor Market Prep. (Categ.)
Record Number : 1
Position : 1526-1526
Format : C1
Comment :

Response	Codes
0	1
0.1 - 0.5	2
0.6 - 1.0	3
1.1 - 2.0	4
2.1 - 3.0	5
>= 3.1	6
Missing	9

Variable Name : S09GPA Grade Point Average - General Labor Market Preparation
Record Number : 1
Position : 1527-1530
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S09GPAI Grade Point Average - General Labor Market Preparation (Categ.)
Record Number : 1
Position : 1531-1531
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S10CRDI Carnegie Credits Earned - Specific Labor Market Prep. (Categ.)
Record Number : 1
Position : 1532-1532
Format : C1
Comment :

Response	Codes
<= 1.0	1
1.1 - 2.0	2
2.1 - 4.0	3
>= 4.1	4
Missing	9

Variable Name : S10GPA Grade Point Average - Specific Labor Market Preparation
Record Number : 1
Position : 1533-1536
Format : N4.2
Comment :

Response	Codes
0.20 - 4.00	0.20 - 4.00
Missing	9.99

Variable Name : S10GPAI Grade Point Average - Specific Labor Market Preparation (Categ.)
Record Number : 1
Position : 1537-1537
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S11CRDI Carnegie Credits Earned - General Skills (Categ.)
Record Number : 1
Position : 1538-1538
Format : C1
Comment :

Response	Codes
0	1
0.1 - 1.0	2
>= 1.1	3
Missing	9

Variable Name : S11GPA Grade Point Average - General Skills
Record Number : 1
Position : 1539-1542
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S11GPAI Grade Point Average - General Skills (Categ.)
Record Number : 1
Position : 1543-1543
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S12CRDI Carnegie Credits Earned - Pers. Health and Phys. Educ. (Categ.)
Record Number : 1
Position : 1544-1544
Format : C1
Comment :

Response	Codes
<= 1.5	1
1.6 - 3.0	2
>= 3.1	3
Missing	9

Variable Name : S12GPA Grade Point Average - Personal Health and Physical Education
Record Number : 1
Position : 1545-1548
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : S12GPAI Grade Point Average - Pers. Health and Phys. Educ. (Categ.)
Record Number : 1
Position : 1549-1549
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S13CRDI Carnegie Credits Earned - Religion (Categ.)
Record Number : 1
Position : 1550-1550
Format : C1
Comment :

Response	Codes
0	1
> 0	2
Missing	9

Variable Name : S13GPA Grade Point Average - Religion
Record Number : 1
Position : 1551-1554
Format : N4.2
Comment :

Response	Codes
0.50 - 4.00	0.50 - 4.00
Missing	9.99

Variable Name : S13GPAI Grade Point Average - Religion (Categ.)
Record Number : 1
Position : 1555-1555
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S14CRDI Carnegie Credits Earned - Military Science (Categ.)
Record Number : 1
Position : 1556-1556
Format : C1
Comment :

Response	Codes
0	1
> 0	2
Missing	9

Variable Name : S14GPA Grade Point Average - Military Science
Record Number : 1
Position : 1557-1560
Format : N4.2
Comment :

Response	Codes
0.50 - 4.00	0.50 - 4.00
Missing	9.99

Variable Name : S14GPAI Grade Point Average - Military Science (Categ.)
Record Number : 1
Position : 1561-1561
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S15CRDI Carnegie Credits Earned - Special Education (Categ.)
Record Number : 1
Position : 1562-1562
Format : C1
Comment :

Response	Codes
0	1
> 0	2
Missing	9

Variable Name : S15GPA Grade Point Average - Special Education
Record Number : 1
Position : 1563-1566
Format : N4.2
Comment :

Response	Codes
1.00 - 4.00	1.00 - 4.00
Missing	9.99

Variable Name : S15GPAI Grade Point Average - Special Education (Categ.)
Record Number : 1
Position : 1567-1567
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : S16CRDI Carnegie Credits Earned - All Other Courses (Categ.)
Record Number : 1
Position : 1568-1568
Format : C1
Comment :

Response	Codes
0	1
> 0	2
Missing	9

Variable Name : S16GPA Grade Point Average - All Other Courses
Record Number : 1
Position : 1569-1572
Format : N4.2
Comment :

Response	Codes
1.00 - 4.00	1.00 - 4.00
Missing	9.99

Variable Name : S16GPAI Grade Point Average - All Other Courses (Categ.)
Record Number : 1
Position : 1573-1573
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : MSCRED Carnegie Credits Earned - Combined Mathematics and Science
Record Number : 1
Position : 1574-1578
Format : N5.2
Comment :

Response	Codes
0 - 20	0.00 - 20.00
Missing	99.99

Variable Name : MSCREDI Carnegie Credits Earned - Comb. Mathematics and Science (Categ.)
Record Number : 1
Position : 1579-1579
Format : C1
Comment :

Response	Codes
<= 5.5	1
5.6 - 6.5	2
6.6 - 8.0	3
>= 8.1	4
Missing	9

Variable Name : MSGPA Grade Point Average - Combined Mathematics and Science
Record Number : 1
Position : 1580-1583
Format : N4.2
Comment :

Response	Codes
0.50 - 4.00	0.50 - 4.00
Missing	9.99

Variable Name : MSGPAI Grade Point Average - Combined Mathematics and Science (Categ.)
Record Number : 1
Position : 1584-1584
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : CORCRD Carnegie Credits Earned - Core courses
Record Number : 1
Position : 1585-1589
Format : N5.2
Comment :

Response	Codes
0 - 32	0.00 - 32.00
Missing	99.99

Variable Name : CORCRDI Carnegie Credits Earned - Core courses (Categ.)
Record Number : 1
Position : 1590-1590
Format : C1
Comment :

Response	Codes
<= 13.5	1
13.6 - 15.0	2
15.1 - 16.5	3
>= 16.6	4
Missing	9

Variable Name : CORGPA Grade Point Average - Core courses
Record Number : 1
Position : 1591-1594
Format : N4.2
Comment :

Response	Codes
0.67 - 4.00	0.67 - 4.00
Missing	9.99

Variable Name : CORGPAI Grade Point Average - Core courses (Categ.)
Record Number : 1
Position : 1595-1595
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : NONCRD Carnegie Credits Earned - Non-core courses
Record Number : 1
Position : 1596-1600
Format : N5.2
Comment :

Response	Codes
0 - 78.5	0.00 - 78.50
Missing	99.99

Variable Name : NONCRDI Carnegie Credits Earned - Non-core courses (Categ.)
Record Number : 1
Position : 1601-1601
Format : C1
Comment :

Response	Codes
<= 9.0	1
9.1 - 11.0	2
11.1 - 13.0	3
>= 13.1	4
Missing	9

Variable Name : NONGPA Grade Point Average - Non-core courses
Record Number : 1
Position : 1602-1605
Format : N4.2
Comment :

Response	Codes
0.85 - 4.00	0.85 - 4.00
Missing	9.99

Variable Name : NONGPAI Grade Point Average - Non-core courses (Categ.)
Record Number : 1
Position : 1606-1606
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : OCPCRD Carnegie Credits Earned - Other academic courses
Record Number : 1
Position : 1607-1611
Format : N5.2
Comment :

Response	Codes
0 - 19.5	0.00 - 19.50
Missing	99.99

Variable Name : OCPCRDI Carnegie Credits Earned - Other academic courses (Categ.)
Record Number : 1
Position : 1612-1612
Format : C1
Comment :

Response	Codes
<= 3.0	1
3.1 - 4.5	2
4.6 - 6.0	3
>= 6.1	4
Missing	9

Variable Name : OCPGPA Grade Point Average - Other academic courses
Record Number : 1
Position : 1613-1616
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : OCPGPAI Grade Point Average - Other academic courses (Categ.)
Record Number : 1
Position : 1617-1617
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : OTHCRD Carnegie Credits Earned - Other (non-academic) courses
Record Number : 1
Position : 1618-1622
Format : N5.2
Comment :

Response	Codes
0 - 78.5	0.00 - 78.50
Missing	99.99

Variable Name : OTHCRDI Carnegie Credits Earned - Other (non-academic) courses (Categ.)
Record Number : 1
Position : 1623-1623
Format : C1
Comment :

Response	Codes
<= 5.0	1
5.1 - 6.0	2
6.1 - 7.0	3
>= 7.1	4
Missing	9

Variable Name : OTHGPA Grade Point Average - Other (non-academic) courses
Record Number : 1
Position : 1624-1627
Format : N4.2
Comment :

Response	Codes
1.00 - 4.00	1.00 - 4.00
Missing	9.99

Variable Name : OTHGPAI Grade Point Average - Other (non-academic) courses (Categ.)
Record Number : 1
Position : 1628-1628
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : G9CRED Carnegie Credits Earned - Ninth grade
Record Number : 1
Position : 1629-1633
Format : N5.2
Comment :

Response	Codes
0 - 27.5	0.00 - 27.50
Missing	99.99

Variable Name : G9CREDI Carnegie Credits Earned - Ninth grade (Categ.)
Record Number : 1
Position : 1634-1634
Format : C1
Comment :

Response	Codes
<= 5.5	1
5.6 - 6.5	2
6.6 - 7.5	3
>= 7.6	4
Missing	9

Variable Name : G9GPA Grade Point Average - Ninth grade
Record Number : 1
Position : 1635-1638
Format : N4.2
Comment :

Response	Codes
0.80 - 4.00	0.80 - 4.00
Missing	9.99

Variable Name : G9GPAI Grade Point Average - Ninth grade (Categ.)
Record Number : 1
Position : 1639-1639
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : G10CRD Carnegie Credits Earned - Tenth grade
Record Number : 1
Position : 1640-1644
Format : N5.2
Comment :

Response	Codes
0 - 18	0.00 - 18.00
Missing	99.99

Variable Name : G10CRDI Carnegie Credits Earned - Tenth grade (Categ.)
Record Number : 1
Position : 1645-1645
Format : C1
Comment :

Response	Codes
<= 5.5	1
5.6 - 6.5	2
6.6 - 7.5	3
>= 7.6	4
Missing	9

Variable Name : G10GPA Grade Point Average - Tenth grade
Record Number : 1
Position : 1646-1649
Format : N4.2
Comment :

Response	Codes
0.67 - 4.00	0.67 - 4.00
Missing	9.99

Variable Name : G10GPAI Grade Point Average - Tenth grade (Categ.)
Record Number : 1
Position : 1650-1650
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : G11CRD Carnegie Credits Earned - Eleventh grade
Record Number : 1
Position : 1651-1655
Format : N5.2
Comment :

Response	Codes
0 - 32.5	0.00 - 32.50
Missing	99.99

Variable Name : G11CRDI Carnegie Credits Earned - Eleventh grade (Categ.)
Record Number : 1
Position : 1656-1656
Format : C1
Comment :

Response	Codes
<= 5.5	1
5.6 - 6.5	2
6.6 - 7.5	3
>= 7.6	4
Missing	9

Variable Name : G11GPA Grade Point Average - Eleventh grade
Record Number : 1
Position : 1657-1660
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : G11GPAI Grade Point Average - Eleventh grade (Categ.)
Record Number : 1
Position : 1661-1661
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : G12CRD Carnegie Credits Earned - Twelfth grade
Record Number : 1
Position : 1662-1666
Format : N5.2
Comment :

Response	Codes
0 - 58.5	0.00 - 58.50
Missing	99.99

Variable Name : G12CRDI Carnegie Credits Earned - Twelfth grade (Categ.)
Record Number : 1
Position : 1667-1667
Format : C1
Comment :

Response	Codes
<= 5.5	1
5.6 - 6.5	2
6.6 - 7.5	3
>= 7.6	4
Missing	9

Variable Name : G12GPA Grade Point Average - Twelfth grade
Record Number : 1
Position : 1668-1671
Format : N4.2
Comment :

Response	Codes
0.62 - 4.00	0.62 - 4.00
Missing	9.99

Variable Name : G12GPAI Grade Point Average - Twelfth grade (Categ.)
Record Number : 1
Position : 1672-1672
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : UNDCRD Carnegie Credits Earned - Average underclassmen
Record Number : 1
Position : 1673-1677
Format : N5.2
Comment :

Response	Codes
0 - 15	0.00 - 15.00
Missing	99.99

Variable Name : UNDCRDI Carnegie Credits Earned - Average underclassmen (Categ.)
Record Number : 1
Position : 1678-1678
Format : C1
Comment :

Response	Codes
<= 5.5	1
5.6 - 6.5	2
6.6 - 7.5	3
>= 7.6	4
Missing	9

Variable Name : UNDGPA Grade Point Average - Underclassmen
Record Number : 1
Position : 1679-1682
Format : N4.2
Comment :

Response	Codes
1.11 - 4.00	1.11 - 4.00
Missing	9.99

Variable Name : UNDGPAI Grade Point Average - Underclassmen (Categ.)
Record Number : 1
Position : 1683-1683
Format : C1
Comment :

Response	Codes
0.00 - 2.49	1
2.50 - 2.99	2
3.00 - 3.74	3
3.75 - 4.00	4
Missing	9

Variable Name : APIBM Carnegie Credits Earned - AP/IB mathematics courses
Record Number : 1
Position : 1684-1688
Format : N5.2
Comment :

Response	Codes
0 - 4.5	0.00 - 4.50
Missing	99.99

Variable Name : APIBMI Carnegie Credits Earned - AP/IB mathematics courses (Categ.)
Record Number : 1
Position : 1689-1689
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : APIBS Carnegie Credits Earned - AP/IB science courses
Record Number : 1
Position : 1690-1694
Format : N5.2
Comment :

Response	Codes
0 - 5	0.00 - 5.00
Missing	99.99

Variable Name : APIBSI Carnegie Credits Earned - AP/IB science courses (Categ.)
Record Number : 1
Position : 1695-1695
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : USHSTCK Took U.S. History course? (Flag)
Record Number : 1
Position : 1696-1696
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : WDHSTCK Took World History course? (Flag)
Record Number : 1
Position : 1697-1697
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : GOVCVCK Took Government/Civics/Politics course? (Flag)
Record Number : 1
Position : 1698-1698
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : ECONCHK Took Economics course? (Flag)
Record Number : 1
Position : 1699-1699
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : WDGEOCK Took World Geography course? (Flag)
Record Number : 1
Position : 1700-1700
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : SCPSYCK Took Sociology/Psychology course? (Flag)
Record Number : 1
Position : 1701-1701
Format : C1
Comment :

Response	Codes
No	0
Yes	1
Missing	9

Variable Name : LEVMC Highest Level Mathematics Course Taken
Record Number : 1
Position : 1702-1702
Format : C1
Comment :

Response	Codes
Algebra I or below	1
Geometry	2
Algebra II	3
Advanced mathematics	4
Calculus	5
Missing	9

Variable Name : MHLGPA Grade Point Average - Highest Level Mathematics Course Taken
Record Number : 1
Position : 1703-1706
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : MHLGPAI Grade Point Average - Highest Level Math. Course Taken (Categ.)
Record Number : 1
Position : 1707-1707
Format : C1
Comment :

Response	Codes
4.00	1
>= 3.00 but < 4.00	2
>= 2.00 but < 3.00	3
< 2.00	4
Missing	9

Variable Name : LEVSC Highest Level Science Course Taken
Record Number : 1
Position : 1708-1708
Format : C1
Comment :

Response	Codes
Survey or Earth Science	1
Biology	2
Chemistry	3
Physics	4
Advanced science	5
Missing	9

Variable Name : SHLGPA Grade Point Average - Highest Level Science Course Taken
Record Number : 1
Position : 1709-1712
Format : N4.2
Comment :

Response	Codes
0.00 - 4.00	0.00 - 4.00
Missing	9.99

Variable Name : SHLGPAI Grade Point Average - Highest Level Sci. Course Taken (Categ.)
Record Number : 1
Position : 1713-1713
Format : C1
Comment :

Response	Codes
4.00	1
>= 3.00 but < 4.00	2
>= 2.00 but < 3.00	3
< 2.00	4
Missing	9

Variable Name : LEVM9 Highest Level Mathematics Course Taken - Ninth grade
Record Number : 1
Position : 1714-1714
Format : C1
Comment :

Response	Codes
No mathematics class taken	0
Below Algebra I	1
Algebra I	2
Geometry	3
Algebra II	4
Advanced mathematics	5
Calculus	6
Missing	9

Variable Name : LEVS9 Highest Level Science Course Taken - Ninth grade
Record Number : 1
Position : 1715-1715
Format : C1
Comment :

Response	Codes
No science class taken	0
Survey science	1
Earth Science	2
Biology	3
Chemistry	4
Physics	5
Advanced science	6
Missing	9

Variable Name : GRDM Last Grade Mathematics Course Taken
Record Number : 1
Position : 1716-1716
Format : C1
Comment :

Response	Codes
Not at all	1
Ninth grade	2
Tenth grade	3
Eleventh grade	4
Twelfth grade	5
Missing	9

Variable Name : GRDS Last Grade Science Course Taken
Record Number : 1
Position : 1717-1717
Format : C1
Comment :

Response	Codes
Not at all	1
Ninth grade	2
Tenth grade	3
Eleventh grade	4
Twelfth grade	5
Missing	9

Variable Name : TGPAQ Overall Grade Point Average Quartile
Record Number : 1
Position : 1718-1718
Format : C1
Comment :

Response	Codes
Top 25%	1
Second 25%	2
Third 25%	3
Bottom 25%	4
Missing	9

Variable Name : S1GPAQ Mathematics Grade Point Average Quartile
Record Number : 1
Position : 1719-1719
Format : C1
Comment :

Response	Codes
Top 25%	1
Second 25%	2
Third 25%	3
Bottom 25%	4
Missing	9

Variable Name : S2GPAQ Science Grade Point Average Quartile
Record Number : 1
Position : 1720-1720
Format : C1
Comment :

Response	Codes
Top 25%	1
Second 25%	2
Third 25%	3
Bottom 25%	4
Missing	9

Variable Name : CURRIC Curriculum Level Earned
Record Number : 1
Position : 1721-1721
Format : C1
Comment :

Response	Codes
Incomplete transcript	0
Below Standard	1
Standard	2
Mid-level	3
Rigorous	4
Missing transcript	9

Variable Name : MEETSTD Earned at least Standard Curriculum Level?
Record Number : 1
Position : 1722-1722
Format : C1
Comment :

Response	Codes
Incomplete transcript	0
Did not achieve level	1
Achieved level	2
Missing transcript	9

Variable Name : MEETMID Earned at least Mid-Level Curriculum Level?
Record Number : 1
Position : 1723-1723
Format : C1
Comment :

Response	Codes
Incomplete transcript	0
Did not achieve level	1
Achieved level	2
Missing transcript	9

Variable Name : SATMATI Highest SAT Mathematics Score (Categ.)
Record Number : 1
Position : 1724-1724
Format : C1
Comment :

Response	Codes
<= 400	1
401 - 500	2
501 - 600	3
> 600	4
Missing	9

Variable Name : SATVRBI Highest SAT Verbal Score (Categ.)
Record Number : 1
Position : 1725-1725
Format : C1
Comment :

Response	Codes
<= 400	1
401 - 500	2
501 - 600	3
> 600	4
Missing	9

Variable Name : PSTMATI Highest PSAT Mathematics Score (Categ.)
Record Number : 1
Position : 1726-1726
Format : C1
Comment :

Response	Codes
<= 40	1
41 - 50	2
51 - 60	3
> 60	4
Missing	9

Variable Name : PSTVRBI Highest PSAT Verbal Score (Categ.)
Record Number : 1
Position : 1727-1727
Format : C1
Comment :

Response	Codes
<= 40	1
41 - 50	2
51 - 60	3
> 60	4
Missing	9

Variable Name : ACTCMPI Highest ACT Composite Score (Categ.)
Record Number : 1
Position : 1728-1728
Format : C1
Comment :

Response	Codes
<= 18	1
19 - 20	2
21 - 22	3
23 - 24	4
> 24	5
Missing	9

Variable Name : ACADTRK Academic Track
Record Number : 1
Position : 1729-1729
Format : C1
Comment :

Response	Codes
Academic	1
Vocational	2
Both	3
Neither	4
Missing	9

Variable Name : GRREQFLG Graduation Requirements Level Flag
Record Number : 1
Position : 1730-1730
Format : C1
Comment :

Response	Codes
Earned > 100% credits required to graduate	1
Earned > 75% but <= 100% credits required to graduate	2
Earned exactly 75% credits required to graduate	3
Earned < 75% credits required to graduate	4
Missing	9

Variable Name : MEETREQ Meets Analysis Requirements?
Record Number : 1
Position : 1731-1731
Format : C1
Comment :

Response	Codes
No	0
Yes	1

Appendix V

2005 High School Transcript Study Codebook for Tests and Honors File

2005 HSTS Tests and Honors File

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes
0130011 - 5930011	

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes
1010807613 - 9900002689	

Variable Name : TH_SEQ Test/Honor Sequence Number
Record Number : 1
Position : 18-19
Format : C2
Comment :

Response	Codes
01 - 43	

2005 HSTS Tests and Honors File

Variable Name : TH_CODE Test/Honor Code
Record Number : 1
Position : 20-22
Format : C3
Comment :

Response	Codes
National Honors	801
Athletic Honors	802
Academic Honors	803
Honor Roll	804
Other Honors	899
ACT Composite	901
ACT English	902
ACT Mathematics	903
ACT Reading	904
ACT Science	905
ACT Writing	906
PSAT Composite	907
PSAT Mathematics	908
PSAT Verbal	909
SAT Composite	910
SAT Mathematics	911
SAT Verbal	912
CTBS Total	913
OLSAT Nonverbal	914
OLSAT Total	915
OLSAT Verbal	916
PLAN Composite	917
Stanford Language	918
Stanford Mathematics	919
Stanford Science	920
Stanford Social Science	921
Stanford Total Reading	922
Stanford Writing	923
TCS Memory	924
TCS Nonverbal	925
TCS Verbal	926
PSAT Writing	927
SAT II Subject Test: Literature	928
SAT II Subject Test: U.S. History	929
SAT II Subject Test: World History	930
SAT II Subject Test: Mathematics Level 1 (IC)	931
SAT II Subject Test: Mathematics Level 2 (IIC)	932
SAT II Subject Test: Biology E/M	933
SAT II Subject Test: Chemistry	934
SAT II Subject Test: Physics	935
SAT II Subject Test: Chinese (With Listening)	936
SAT II Subject Test: Japanese (With Listening)	937
SAT II Subject Test: Korean (With Listening)	938
SAT II Subject Test: French (With Listening)	939
SAT II Subject Test: French (Without Listening)	940
SAT II Subject Test: German (With Listening)	941
SAT II Subject Test: German (Without Listening)	942
SAT II Subject Test: Spanish (With Listening)	943
SAT II Subject Test: Spanish (Without Listening)	944
SAT II Subject Test: Modern Hebrew	945
SAT II Subject Test: Italian	946
SAT II Subject Test: Latin	947
SAT II Subject Test: ELPT	948
SAT II Subject Test: Writing	949
Other Tests	999

2005 HSTS Tests and Honors File

Variable Name : TH_DESCR Test/Honor Description
Record Number : 1
Position : 23-72
Format : C50
Comment :

Response	Codes
All Tests and Honors Descriptions	

Variable Name : TH_YEAR Year of Test or Honor
Record Number : 1
Position : 73-76
Format : C4
Comment :

Response	Codes
2000	2000
2001	2001
2002	2002
2003	2003
2004	2004
2005	2005
Missing	9999

Variable Name : TH_MONTH Month of Test or Honor
Record Number : 1
Position : 77-78
Format : C2
Comment :

Response	Codes
January	01
February	02
March	03
April	04
May	05
June	06
July	07
August	08
September	09
October	10
November	11
December	12
Missing	99

Variable Name : TH_TYPE Test or Honor?
Record Number : 1
Position : 79-79
Format : C1
Comment :

Response	Codes
Honor	H
Test	T

Variable Name : TH_SCORE Test Score
Record Number : 1
Position : 80-83
Format : N4.0
Comment :

Response	Codes
0 - 1719	0 - 1719
Honors Record	9999

Appendix W

2005 High School Transcript Study Codebook for Transcript File

2005 HSTS Transcript File

Variable Name : COURSEID Course ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes
0000005 - 0912705	

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 8-14
Format : C7
Comment :

Response	Codes
0130011 - 6130011	

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 15-24
Format : C10
Comment :

Response	Codes
1010807613 - 9900002789	

Variable Name : CATLOGID Catalog ID
Record Number : 1
Position : 25-35
Format : C11
Comment :

Response	Codes
00009990001 - 61300110158	

Variable Name : GRADLEV Grade Level in Which Course Taken
Record Number : 1
Position : 36-37
Format : C2
Comment :

Response	Codes
Seventh grade	07
Eighth grade	08
Ninth grade	09
Tenth grade	10
Eleventh grade	11
Twelfth grade	12

Variable Name : YEARSPAN School Year in Which Course Taken
Record Number : 1
Position : 38-42
Format : C5
Comment :

Response	Codes
1998 - 1999	98-99
1999 - 2000	99-00
2000 - 2001	00-01
2001 - 2002	01-02
2002 - 2003	02-03
2003 - 2004	03-04
2004 - 2005	04-05

Variable Name : TERM School Term in Which Course Taken
Record Number : 1
Position : 43-43
Format : C1
Comment :

Response	Codes
Missing or Undeterminable	0
Fall	1
Spring	2
Year-round	3
Winter	4
Summer	5
First Quarter	6
Second Quarter	7
Third Quarter	8
Fourth Quarter	9

2005 HSTS Transcript File

Variable Name : CRSENAME Catalog Course Title
Record Number : 1
Position : 44-93
Format : C50
Comment :

Response	Codes
All Course Titles	

Variable Name : CRSEGRAD Course Grade Reported on Transcript
Record Number : 1
Position : 94-97
Format : C4
Comment :

Response	Codes
All Grades Earned	

Variable Name : STDGRAD Standardized Course Grade
Record Number : 1
Position : 98-99
Format : C2
Comment :

Response	Codes
A	A
A+	A+
A-	A-
B	B
B+	B+
B-	B-
C	C
C+	C+
C-	C-
D	D
D+	D+
D-	D-
F	F
F+	F+
F-	F-
Incomplete	I
Not Graded	NG
Pass/Satisfactory	P
Unsatisfactory	U
Withdrew	W
Withdrew Failing	WF
Withdrew Passing	WP

Variable Name : RAWCRED Course Credits Reported on Transcript
Record Number : 1
Position : 100-107
Format : N8.4
Comment :

Response	Codes
0 - 60	

Variable Name : CARNCRED Course Carnegie Units
Record Number : 1
Position : 108-113
Format : N6.3
Comment :

Response	Codes
0 - 15.5	

Variable Name : CSSC Course CSSC Code
Record Number : 1
Position : 114-119
Format : C6
Comment :

Response	Codes
010100 - 600000	

Variable Name : SPEDFLAG Special Education Course? (Flag)
Record Number : 1
Position : 120-120
Format : C1
Comment :

Response	Codes
Self-Contained Special Education Course	0
Not a Special Education Course	1
Resource Special Education Course	2
Physical Disabilities Course	3

Variable Name : OFFCAMP Taught Off Campus? (Flag)
Record Number : 1
Position : 121-121
Format : C1
Comment :

Response	Codes
On Campus	0
Vocational Educational Center	1
Special Education Center	2
Other Location	3
Multiple Locations	4
Home Schooling	5
Distance Learning	6
Video-Enhanced	7
Correspondence Course	8
Computer-Based or Internet Training	9

Variable Name : OTHLANG Taught in Language Other than English? (Flag)
Record Number : 1
Position : 122-122
Format : C1
Comment :

Response	Codes
Taught in English	0
English as a Second Language	1
Taught Completely in Foreign Language	2

Variable Name : LEVELFLG Course Level (Flag)
Record Number : 1
Position : 123-123
Format : C1
Comment :

Response	Codes
Not Classified	0
Remedial Course	1
Regular Course	2
Enriched Course	3
Honors Course	4
Pre-AP Course	5
Advanced Placement Course	6
Pre-IB Course	7
International Baccalaureate Course	8
College Credit Course	9

2005 HSTS Transcript File

Variable Name	:	TRANSFER	Course Transferred from Another School? (Flag)
Record Number	:	1	
Position	:	124-124	
Format	:	C1	
Comment	:		

Response	**Codes**
Not a Transfer Course	0
Transfer Course	1

Appendix X

HSTS 2005 User's Guide
and
Technical Documentation
Glossary

APPENDIX X. HSTS 2005 USER'S GUIDE AND TECHNICAL DOCUMENTATION GLOSSARY

Accommodations	Assessment accommodations are changes in testing materials or procedures that enable a student to participate in an assessment that allows knowledge and skills to be assessed rather than disabilities or limited English.
AP	Advanced Placement. The Advanced Placement Program is designed to prepare students to take the advanced placement examinations given by the Educational Testing Service (ETS). Students who pass these tests may be given credit and/or be exempted from requirements in colleges and universities based on their scores. Colleges and universities make their own rules regarding what tests to accept and the scores needed for credit or exemptions.
Carnegie unit	A factor used to standardize all credits indicated on transcripts across the study. A single Carnegie unit is equal to 120 hours of classroom time over the course of a year.
Catalog	A document compiled by a school or a district listing all available courses that are offered by the school and a description of those courses. Curriculum specialists reviewed catalogs and used them to determine the appropriate CSSC code for each course.
Continuous sorting variable	A sorting variable used in stratification that is continuous in nature, not discrete. For example, in the private school stratification, census division and type of location are discrete sorting variables, but proportion of minority enrollment is a continuous sorting variable.
Continuous variable	A data variable that has an infinite number of values. For example, percentage variables are considered to be continuous variables. Ranges can be assigned to continuous variables to make them discrete variables.
Correlation	A measure of the relation between two or more variables. Correlation coefficients can range from -1.00 to +1.00. The value of -1.00 represents a perfect negative correlation while a value of +1.00 represents a perfect positive correlation. A value of 0.00 represents a lack of correlation.

Course Offerings file — An HSTS data file that provides a comprehensive list of the courses offered in the schools included in the study. A CSSC code is associated with each course title.

CSSC — Classification of Secondary School Courses. A coding system employed for the purpose of standardizing HSTS transcripts. The CSSC is a modification of the Classification of Instructional Program (CIP) used for classifying college courses and contains 2,286 course codes. Each CSSC course code contains six digits. The first two digits identify the main program area, the second two digits represent a subcategory of courses within the main program area, and the final two digits define the specific course. For example, for the CSSC code 400522, the first two digits (40) define Physical Sciences, the middle two digits (05) define the Chemistry subcategory, and the final two digits (22) define the course Advanced Chemistry.

Data files — HSTS 2005 has produced a set of eight data files that are available on a restricted-use basis. These include the Master CSSC File, the Course Offerings File, the School File, the Student File, the NAEP Data File, the SD/LEP File, the Transcript File, and the Tests and Honors File.

Diploma — A document granted by a school indicating the student completed all the requirements for graduation. The type of diploma is indicated by the Exit Status.

Discrete variable — A data variable that has a limited number of values. For example, student gender is a discrete variable because students can only be male or female.

Eligible student — A student who meets the graduation criteria established for the HSTS sample. Eligible students graduated from high school with a standard, honors, or special education diploma, or they received either a certificate of completion or a certificate of attendance. Note this term applies only to the HSTS sample, not to the sample of HSTS students used in generating the results for this report.

English language learner (ELL) — A term used to describe students who are in the process of acquiring English language skills and knowledge. Some schools refer to these students using the term limited English proficient, or LEP.

Exclusion criteria	Criteria adopted to exclude HSTS students who did not meet the graduation requirements established for analyses found in this report. Students with special education diplomas, certificates of attendance, and certificates of completion were excluded, as were students with zero English credits and students with fewer than 16 Carnegie units.
Explicit stratification	The organization of a population into parts achieved by building separate sampling frames, according to the set of variables under consideration. It is the stratification used for categorical variables, in contrast to implicit stratification, which is used for continuous variables.
Exit status	A code that describes the type of diploma the student received.
Flags	Markers used to indicate special features of a course, such as its relationship to other courses within a sequence, the language of instruction for the course, the level of the course, the location where the course was taught, and any enrollment restrictions (regular or disabled students).
High School and Beyond	A longitudinal study following cohorts of the 1980 high school sophomore class who because seniors in 1982 from which the HSTS 1982 sample was drawn. Samples for subsequent studies were drawn from the corresponding NAEP samples.
HSTS	High School Transcript Study. A periodic study developed by NCES that provides the Department of Education and other education policymakers with information regarding current course offerings and students' coursetaking patterns in the nation's secondary schools.
IB	International Baccalaureate. A nonprofit educational foundation program consisting of a comprehensive 2-year international curriculum that allows students to fulfill the requirements of their national or state education systems.
Implicit stratification	The organization of a population into parts achieved by sorting records in a file instead of explicitly separating the population units into different strata. Only one implicit stratification variable can be used at a time. It is the stratification used for continuous variables, in

contrast to explicit stratification, which is used for categorical variables.

Imputation — Imputation is often used in surveys to compensate for item nonresponse and involves replacing a missing value with a nonmissing value, typically generated from a statistical model. Imputation is used to reduce nonresponse bias in survey estimates, simplify analyses, and improve the consistency of results across analyses. Imputations should also preserve multivariate distributions.

Jackknife method — A method of replication used to compute the variance of statistics from complex samples. HSTS used a paired jackknife method. This method divides the sample into subsamples by excluding one unit at a time from a pair sampled within a stratum.

Measure of size — A value of measurement for a unit that determines that unit's probability of selection within a probability proportional to size (PSS) sampling scheme.

Multistage sample design — A sample design that uses more than one stage of sampling. The NAEP 2005 sample design, for example, uses two stages of sampling: (1) a sample of schools from across the nation, and (2) a sample of students within each sampled school.

NAEP — National Assessment of Education Progress. A federally funded, ongoing, periodic assessment of educational achievement in the various subject areas and disciplines taught in the nation's schools. It was developed by NCES.

NAEP data file — A HSTS data file that contains proficiency estimates (also described as plausible values) and sampling weights for each student who participated in the NAEP 2005 mathematics and science assessments. These files contain NAEP scores for the 2005 high school graduates who participated in both the transcript study and either the NAEP mathematics or science assessment. All students listed in the NAEP data file also appear in the student file.

NAEP ID — The 10-digit NAEP assessment booklet number used as an HSTS student ID number for students in schools fully linked to the NAEP assessment.

NAEP-linked	A reference to students or schools that maintained their unique NAEP ID or school ID.
NCES	National Center for Education Statistics. The primary federal entity for collecting, analyzing, and reporting data related to education in the United States.
NELS:88	National Education Longitudinal Study of 1988. A major longitudinal effort designed to provide trend data about critical transitions experienced by students as they leave middle school or junior high school, and progress through high school and into postsecondary institutions or the work force. It started as a nationally representative sample survey of 8th-graders in 1988, with follow-up surveys in the years 1990, 1992, 1994, and 2000.
NSLP	National School Lunch Program. A program providing free or reduced-priced school meals to children from households meeting federal income guidelines.
Percentage	A relative measure of how often the value(s) of a variable appears within a category as compared to all values of that variable.
Poststratification	An estimation method that adjusts the sampling weights so that they add to specified population totals corresponding to the levels of a particular response variable.
Probability proportional to size sampling	A sampling method in which the probability of selecting a unit is directly proportional to the unit's size. In NAEP, schools are selected with probabilities proportionate to estimated grade enrollment.
Probability sample	A sample drawn from a population using a random mechanism so that every element of the population has a known chance of ending up in the sample.
Proportionate sampling	A variation of stratified random sampling. Proportionate sampling strategies begin by stratifying the population into relevant subgroups and then random sampling within each subgroup. The number of participants from each subgroup is equal to their proportion in the population.

PSU	Primary sampling unit that served as the first stage in the NAEP multistage sample for previous high school transcript studies. For HSTS 2005, however, the school sample served as the first stage.
Replicate estimate	An estimate of the population quantity based on the replicate subsample using the same estimation methods used to compute the full sample estimate.
Replicate sample	A sample derived by deleting a subsample of the originally observed sample where the subsampling procedure depends on the replicate method.
Replicate weight	The weight assigned to an observation for a particular replicate subsample.
Replicates	A term often used to refer to either the replicate sample or the replicate estimate, depending on context.
Replication method	A method of drawing a replicate subsample and weighting the observations that includes balanced repeated replication, jackknife replication, and bootstrap replication.
Response	A possible value, or set of possible values, for a catalog variable, as defined by the Electronic Codebook (ECB) software. For continuous variables, which have an infinite set of possible values, a category will list a range of values. For discrete variables, which have a finite set of possible values, a category most likely will represent a single value, but it can also represent a range of values.
Sample	A subset of a population whose characteristics are studied to gain information about the entire population. NAEP assesses a representative sample of students each year, rather than the entire population of students.
Sampling error	The standard deviation of the estimate, used to measure the precision of the estimate.
Sampling frame	The full list of possible units from which the sample is selected.
School base weight	The initial weight given to a school for sampling purposes. It is the inverse of the school's probability of selection.

School file — An HSTS data file providing detailed information on the schools from which students were sampled. Where available, it includes data taken from the NAEP School Questionnaire.

School Questionnaire — A survey form that collects information about school, teacher, and home factors that might relate to student achievement. It was completed by a school official (usually the principal) as part of NAEP for the NAEP participating schools.

SD/LEP file — An HSTS data file that provides detailed information on students with disabilities and/or English language learners (formerly known as students with limited English proficiency).

SD/LEP Questionnaire — Formerly known as the Individualized Education Plan/Limited English Proficiency (IEP/LEP) Questionnaire, this survey form includes information collected from school staff about students with disabilities and students with limited English proficiency. The SD/LEP Questionnaire was completed for students sampled for NAEP and identified by the school as having a disability and/or limited English proficiency. Schools were asked to have the person most knowledgeable about a student complete the questionnaire. In large schools, this person was typically a counselor, a special education teacher, or a teacher of English as a Second Language. In smaller schools, this person was typically a classroom teacher.

Secondary School Taxonomy — The framework initially used by HSTS for analyzing transcript data. The taxonomy divides high school coursework into three distinct curricula: Academic, Vocational, and Personal/Other. Academic curricula include six course subjects: mathematics, science, English, social studies, fine arts, and foreign languages. Vocational curricula include three course subjects: consumer and homemaking education, general labor market preparation, and specific labor market preparation. Personal/Other curricula include five course subjects: general skills, personal health and physical education, religion, military science, and all other courses. HSTS added two additional course subjects: computer-related studies (under Academic) and special education (under Personal/Other).

Serpentine sorting — A method of sorting in which records are ordered in an alternating ascending and descending pattern, so that any two consecutive records in the sorted file are more similar with respect to their values of the sort variables than in traditional sorting. This technique reduces the estimates of variance when replication methods, such as the jackknife method, are used.

Session type — A designation that indicates which NAEP subject or subjects were assessed during the given session.

SIF — School Information Form. The SIF was completed by the field worker or a school staff member or sometimes by both. The completed SIF contained information about the school in general, about sources of information within the school (if needed to complete HSTS data collection), about the course description materials, about graduation requirements and grading practices at the school, and about the format of the school's transcripts.

Sort variable — A variable within a data file that is used to sort the data file. For the NAEP school sample, before the sample was selected, a school-level characteristic was used to sort the schools, one that was continuous in nature. Pass/fail or correct/incorrect indicators are not effective sort variables because they include only two categories.

Stub — A CSSC category. With 2,286 codes in the CSSC, it is neither practical nor desirable to include estimates of each possible code in each of the tables. Instead, it is often more useful to analyze the courses in larger groups such as English, social studies, mathematics, or science. There are 16 main stubs that represent each subject area category represented by the Secondary School Taxonomy. As there is also interest in finer divisions of these groups (e.g., biology, chemistry, and physics within science), along with combinations of core curricula credits, there are 86 additional stubs that provide more specific course categories.

Student file — An HSTS data file providing demographic information on all students in the study, as well as summaries of their coursetaking histories, derived measures of academic achievement, and sampling weights.

Student ID number — A 10-digit ID number used to track students in HSTS. For schools fully linked to NAEP, this number matches the NAEP assessment booklet number. For students in

schools where the link to NAEP was lost and for students in schools that did not participate in NAEP, this is a unique 10-digit number beginning with 990.

Summary Report — An HSTS report providing tables summarizing the coursetaking patterns of 2005 high school graduates and comparing them to those of their counterparts in 1990, 1994, 1998, and 2000. The report also provides tables describing the relationship of the coursetaking patterns of 2005 high school graduates to their proficiencies in mathematics and science as measured by the 2005 National Assessment of Educational Progress (NAEP 2005).

Systematic sample — A sample selected by a systematic method. It is also called an Nth name selection technique. After the required sample size has been calculated, every Nth record is selected from a list of population members.

Systematic equal probability sample — A systematic sample where each unit has an equal probability of being selected.

Taxonomy — The classification of items into larger categories. In HSTS, the items are specific secondary school courses (e.g., composition, first-year algebra, Advanced Placement biology, American government) that are classified into 16 course subject categories, as organized according to the Secondary School Taxonomy, based on course content and level.

Tests and Honors file — An HSTS data file providing a list of honors and standardized test results, including SAT and ACT scores, that were found on the transcripts.

Transcript — A student's secondary school record containing courses taken, grades, graduation status, and attendance. In addition, it often includes assessments such as PSAT, SAT, ACT, and honors.

Transcript file — An HSTS data file providing a complete list of all courses appearing on the transcripts of students sampled in the study.

TRF — Transcript Request Form. For each school, the field worker was given a TRF. In addition to the ID, it contained columns for entering graduation status (Exit Status) and the student's gender, birth month and year, race/ethnicity, SD status, LEP status, Title 1 services

	receipt, and National School Lunch Program participation. The TRF was used in the data entry, verification, quality control, and other stages of the study. There are two versions of the form, one used for schools with a link to NAEP (Version 1) and one for non-NAEP participating schools (Version 2).
Two-stage probability-based sample	A sample design that uses two stages of sampling. The NAEP 2005 national sample was a two-stage probability-based sample. The schools were the first-stage sampling units selected with probability proportional to a measure of size based on the estimated grade-specific enrollment in the schools. The second stage involved selection of students within schools and their assignment to session types.
Type of location	A field attached to each school that defines the type of locality of the school's community. Its values include large city, medium-sized city, urban fringe of large city, urban fringe of medium-sized city, large town, small town, and rural.
User's Guide and Technical Report	A document detailing procedures used to collect and summarize the data. It also provides information needed to use all publicly released data files produced by the study.
Vocational course	A school course that provides students with the academic and technical knowledge and skills needed for further education and/or careers requiring less than a bachelor's degree. At the high school level, vocational courses include courses in consumer and homemaking education, general labor market preparation, and specific labor market preparation.
Weighted frequency	The number of times the value(s) of a variable appears within a catalog, as defined by the weights assigned to the data file records.
Weighted percentage	A relative measure of how often the value(s) of a variable appears within a catalog as compared to all values of that variable, as defined by the weights assigned to the data file records.