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# NATIONAL CENTER FOR EDUCATION STATISTICS

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Working Paper Series

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## 1998 Revision of the Secondary School Taxonomy

Working Paper No. 1999-06

March 1999

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**March 1999**

## Foreword

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**1998 Revision of the  
Secondary School Taxonomy**

Prepared by:

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MPR Associates, Inc.

Prepared for:

U.S. Department of Education  
Office of Educational Research and Improvement  
National Center for Education Statistics

March 1999

## Preface

The National Center for Education Statistics (NCES) collects data, directs analyses, and publishes information concerning the condition of education in the United States. In this role, NCES has collected secondary school transcripts since 1982, starting with the High School and Beyond longitudinal study. A great deal of power exists within transcript data to serve policy concerns, at both national and local levels.

Discussions about how to use and analyze transcripts inevitably include how to classify and measure individual courses and how to aggregate and measure groups of courses in a meaningful way. The Secondary School Taxonomy (SST) was developed in the 1980s as a framework for aggregating and analyzing transcript data and has since been used to monitor the nation's progress toward meeting national goals for student course-taking in academic and vocational subjects, as well as overall trends in course-taking in America's high schools.

This report is the first published update of the SST since it was first developed. Along with the companion guide, *Procedures Guide for Transcript Studies*, it is hoped that this report can facilitate better and more accurate comparisons of local, state, and national data, leading to a greater use of transcripts for policy, research, and practice.

## **Acknowledgments**

Many individuals made substantial contributions to the preparation of this report. First and foremost, the members of the Professional Work Group deserve many thanks for their thought-provoking discussions and contributions throughout the duration of this project. Jim Houser and Dawn Nelson also deserve appreciation for their direction as project officers for the National Center for Education Statistics (NCES).

At MPR Associates, Karen Levesque provided thoughtful direction and analytic assistance to the project; Fena Neustaedter and Stacie Chun gave assistance in organizing and supporting the Professional Work Group; and Andrea Livingston, Karyn Madden, Francesca Tussing, and Bobbi Kridl provided editorial and production assistance.

The report was reviewed within the U.S. Department of Education by Mary Frase, Marilyn McMillen, Janis Brown, Jeff Owings, Lisa Hudson, and Andrew Kolstad of NCES; Cynthia Brown and Doris Werwie of the Office of Vocational and Adult Education; Audrey Pendleton of Planning and Evaluation Service; and Milagros Lanauze of the Office of Bilingual Education and Minority Languages Affairs. In addition, Stanley Legum and Robert Haven of Westat and David Burkam of the University of Michigan also reviewed the document. The consideration and contributions of all of the reviewers were greatly appreciated.

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# Chapter 1

## Introduction

### Introduction

The courses high school students take and the outcomes associated with their course-taking are a long-standing interest of national education surveys. One of the most accurate and complete sources of information on courses taken, grades awarded, credits earned, and other related data is the student transcript. The High School and Beyond (HS&B) study, which surveyed national samples of 1980 high school sophomores and seniors, was the first survey conducted by the National Center for Education Statistics (NCES) to collect high school transcript data.<sup>1</sup> Subsequently, NCES collected high school transcripts along with the National Assessment of Educational Progress (NAEP) and as part of the National Education Longitudinal Study of 1988 (NELS:88).

The value of transcript data has become quite apparent to researchers and policymakers. Transcripts provide a detailed record of what courses students took and when, much more accurately than students can recollect. Information on grades and credits earned is also much more precise, either because students cannot remember exactly what they accomplished or because their memories reflect wishes more than reality. Furthermore, transcripts frequently provide other useful information, such as test scores or confirmation of high school graduation, that is not readily available elsewhere. Finally, when using transcript data directly, researchers are often better able to resolve such technical problems as reconciling different grading scales (for example, letter grades versus numeric grades) or computing comparable estimates of credits earned in courses offered by schools on a quarter or trimester system rather than those using semesters.

When reviewing transcripts in NCES surveys, one must begin by considering some of the primary uses of the data and analyses. Over the past 15 years, NCES transcript information has figured prominently in policy and research. While practitioners have probably used national transcript data less than researchers and policymakers, transcripts are nevertheless an important

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<sup>1</sup>NCES collected postsecondary transcripts for students participating in the National Longitudinal Study of the Senior Class of 1972 (NLS-72). This survey, however, did not collect high school transcripts, relying instead on students to report information on the courses they took in high school.

component of administrative records at the local level. Transcript data can provide useful information on a number of questions that concern policymakers and educators, such as the following:

- What courses do high school students take, and how many courses do they take in each of the major subject areas—math, science, English, and so on?
- How many units do high school students accumulate over their high school careers, both in the aggregate and within subject areas, and have these totals changed over time?
- To what extent do course offerings reflect academic and industry skill standards established by national and state efforts to define curriculum objectives more clearly?
- How does the breadth and depth of course offerings vary among high schools? Have these offerings changed over time, and if so, how?
- To what extent do students pursue the higher level, more challenging courses in the high school curriculum, and have any of these patterns changed over time?
- To what extent do students engage in a coherent program of academic or vocational study, as opposed to dabbling in a wide range of unrelated or low-level courses?
- How do answers to any of these questions vary according to the characteristics of high school students or the communities in which they reside?

In order to further improve the usefulness and accuracy of transcript data, NCES requested a review of the procedures it uses to collect, analyze, and report information from high school transcripts. This project's wide-ranging discussions and research concerning transcript data and the opportunities and challenges they present during collection, compilation, analysis, and use have resulted in two papers. This paper, *The 1998 Revision of the Secondary School Taxonomy*, concerns the framework used for aggregating individual course offerings when analyzing transcript data. A companion paper, *Procedures Guide for Transcript Studies*, sets forth a set of standard procedures for conducting secondary school transcript analyses with NCES data.

## **Organization of the Paper**

*The 1998 Revision of the Secondary School Taxonomy* begins by presenting the reasons for revising the Secondary School Taxonomy (SST), the primary framework used in NCES analyses of high school transcript data. Chapter 2 provides greater coverage of the taxonomy itself—its

background, structure, coding conventions, and use, ending with an outline of the revised SST. Chapter 3 will be of interest primarily to those familiar with the “old” SST because it explains the changes that have been made in the revised SST. Chapters 4 and 5 contain the SST itself, filled with the course codes that make it a usable taxonomy, with chapter 4 using codes and sample course titles from the Classification of Secondary School Courses, and chapter 5 using course codes and titles from the Standard National Course Classification System. Each chapter begins with a brief introduction to these course classification systems to help users who are unfamiliar with their structures. Appendix A lists the analysts and educators who assisted with this task, and Appendix B uses data from the National Education Longitudinal Study of 1988 to provide examples of the changes brought about by the revisions. Appendix C details the relocation of course code assignments that resulted from revisions, enabling analysts to connect the old and new versions of the taxonomy.

### **Impetus for the Revision**

NCES had several goals when it asked analysts and educators to convene as a professional work group to discuss high school transcript data and how they might be used to their full advantage: it hoped to share information about current practice among staff and contractors; to gain input from researchers, policymakers, and educators on the most effective ways to analyze its transcripts; and to increase data consistency across the publications produced by the various divisions within NCES. Guided by these goals, the group of convened experts determined some of the overriding issues that needed attention by the analysts working on the revision.

### *Capitalizing on Educational Trends*

As a framework for analyzing patterns, determining relationships, and exposing trends in course-taking behaviors, a taxonomy must be able to reflect the curricula offered within the nation’s schools. Several education reform movements have been promoted since the SST was developed a decade ago. Although it is perhaps too early to tell whether the changes made to course curricula as a result of these efforts will last, information regarding the prevalence and results of these changes is needed to further inform policymaking. Because the taxonomy should reflect current practice, the researchers and consultants working on the revision were charged with paying particular attention to recent and emerging curriculum changes. Included among the specific issues addressed in the revision of the SST were efforts to integrate material both within

and across traditional subject matter, development of new courses and content based on national standards projects, and increasing use of higher technology within schools. Certainly, not all of the educational trends occurring throughout the United States were discussed, and not all of the trends that were identified generated changes in the SST. It was important to weigh the desire to reflect emerging trends and recent innovations against the need for stable historical trend data.

### *Desire for Greater Detail*

Members of the professional work group and other advisors raised questions about the possibility of having greater detail reflected in the SST categories. Researchers who use student-level NCES data (as opposed to the course-level data) work with credit totals of the SST code categories, not the individual and more specific course codes. If the level of aggregation is too great, important detail is lost and desired distinctions cannot be made. This desire for greater detail concerned Advanced Placement (AP) work for college (as defined by the College Board), cooperative or work experience courses in the vocational curriculum, and more or further topical categorizations within both the academic and vocational curricula. Chapter 3 contains a fuller discussion of these concerns.

### *Correcting Misplacements*

Individual researchers performing transcript analyses under contract to the government have access not only to the SST codes but also to individual course codes. Several of these contractors have felt the need to make alterations to the SST during their analyses. Some of these changes have been felt necessary due to perceived errors in judgment during the development of the SST. For example, in the original SST, English as a Second Language courses were placed within the Foreign Language subject area. The revision process needed to address courses such as these, which may have been mis- or ill-placed. Other, less obvious concerns were added to the list of possible revisions. In particular, the researchers had differing opinions about the placement of several specific courses. A reasonable person could argue that some of the religion courses (contained within the Personal/Other category in the original SST) should be placed in academic areas (such as English or Social Studies), since they may involve the study of the literature of a certain religion or a comparison of the effect of different religious beliefs on different peoples rather than the study of religion per se. The revision process involved reviewing the original

course codes, double-checking all course descriptions, and carefully determining their proper placement within the SST.

### *Consistency Among NCES reports*

A desire for consistency and accuracy across various analyses of transcript studies was another strong impetus for developing the revised SST and its companion *Procedures Guide for Transcript Studies*. As the Department of Education's main source of statistics regarding educational trends and outcomes, NCES needs to ensure that information published and disseminated from its various divisions, if based on the same data, results in the same estimates and conclusions. In recent years, NCES has contracted with several firms to conduct analyses of transcript data. However, these contractors have not always used the same procedures in performing their work.

As with the original development of the SST, educators as well as researchers with experience and expertise in transcript data research served as consultants for the project. (Members of the professional work group are listed in appendix A.) These consultants provided feedback on the taxonomy itself in addition to providing guidance regarding innovations and trends. As a result, many believe that the SST can serve as the foundation for future transcript studies, leading to more consistent analyses and estimates among NCES publications. In addition, as national statistics become more standardized, state and local education agencies can begin to use the same taxonomy in order to compare their local-level data with national outcomes and benchmarks.

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## **Chapter 2**

# **The Secondary School Taxonomy**

### **Background**

Developed in 1987, the Secondary School Taxonomy (SST) is a framework for analyzing transcript data. Researchers working on the National Assessment of Vocational Education (NAVE) created the SST as an organizational tool to distinguish academic coursework from vocational coursework and to separate both from other types of coursework. The taxonomy is a way of aggregating secondary school coursework into categories that enable people to think about course-taking patterns more clearly, analyze more effectively, and draw conclusions more succinctly than they could without such an organizing structure. The SST has since become a primary vehicle for structuring analyses of transcript data resulting from longitudinal studies conducted by NCES. Prior to the publication of this report, the SST remained essentially unchanged since its initial development.

As a taxonomy—organizing individual courses into aggregate categories—the SST depends upon an underlying course classification system. It is not, however, a course classification system itself. The creators of the SST used the Classification of Secondary School Courses (CSSC) as the foundation of the taxonomy, but intended it to facilitate comparisons over time and serve as a bridge across several transcript data sets, regardless of the classification system used to code individual courses. Because NAVÉ analyses used the High School and Beyond (HS&B) 1980 Sophomore Cohort Transcript file, and courses within that file had been coded with the CSSC, the choice of the CSSC as the underlying system of the SST was a given. Although the CSSC is still the only course classification system used by NCES in longitudinal studies of secondary students, another system has been developed through its pilot stage: the Standard National Course Classification System (SNCC). As presented in this report (in chapters 4 and 5), the revised SST can be applied to both the CSSC and the SNCC.

### **Structure of the SST**

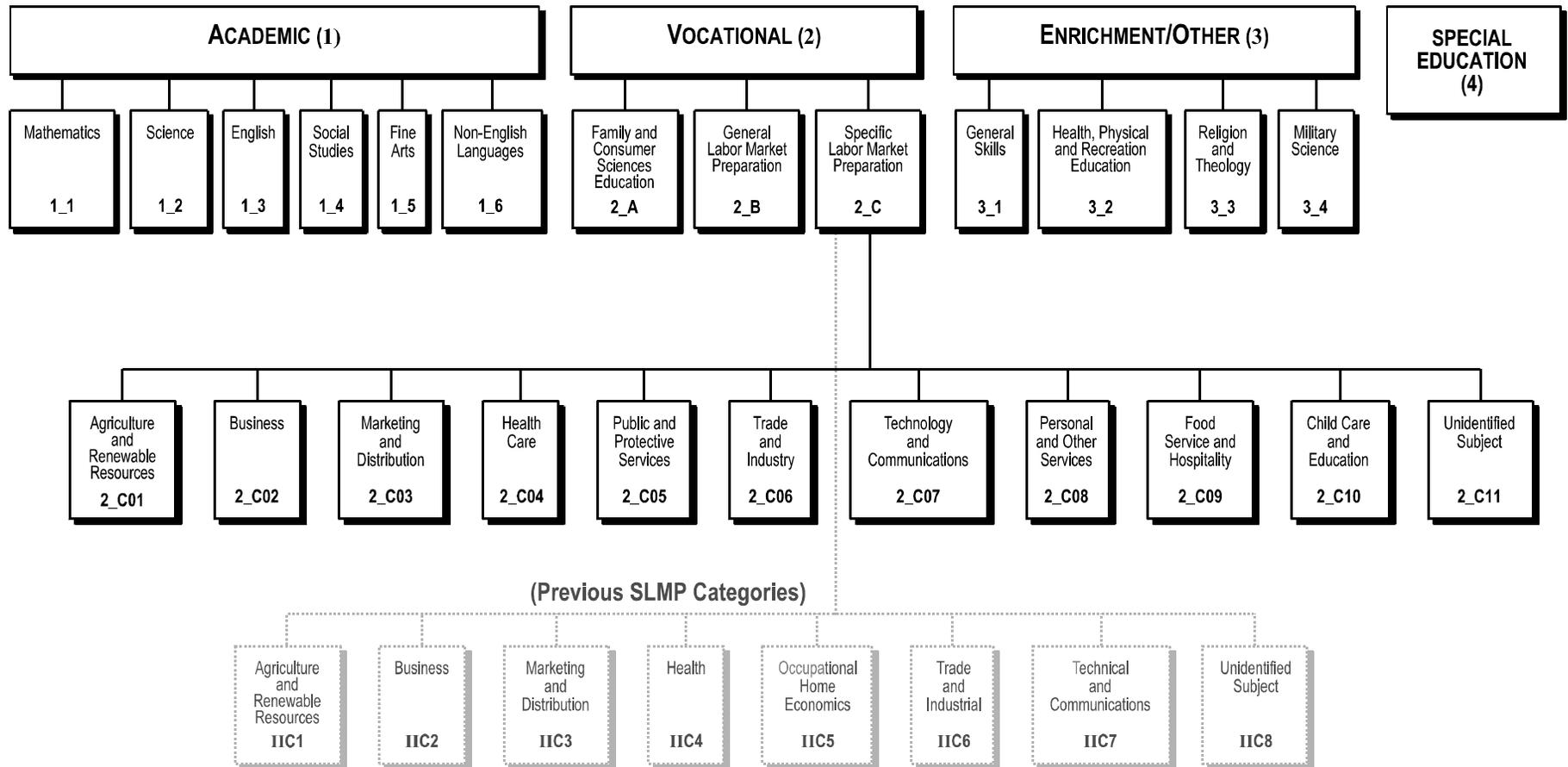
At its highest (most aggregated) level, the revised SST divides high school coursework into four distinct curricula: Academic, Vocational, Enrichment/Other, and Special Education. These four categories maintain the distinctions made in the original SST between traditional academic

courses, courses in the vocational/technical curriculum, courses believed to be designed for students' personal enrichment, and courses specifically categorized as those designed for students with individual education plans. At this level, the SST provides the ability to collapse coursework into just a few areas, making it relatively easy to analyze trends in and trade-offs between large categories of course taking (such as academic and vocational).

In turn, these four curricular areas contain more specific subject areas with a coherent theme or similar content. The subject area categories within the academic curriculum—Mathematics, Science, English, Social Studies, Fine Arts, and Non-English Languages—mirror the traditional departments found in most American high schools. Within the vocational curriculum, the three areas include Family and Consumer Sciences, General Labor Market Preparation, and Specific Labor Market Preparation. The Enrichment/Other curriculum area categorizes courses into the subject areas of General Skills; Health, Physical, and Recreational Education; Religion and Theology; and Military Science. The Special Education curriculum is the only curriculum area in the SST without more specific subject area categories contained within it. Figure 2.1 illustrates the taxonomy's main curricular and subject areas.

Within the subject area categories of the academic curriculum, the SST organizes courses by topic and, where appropriate, by level of difficulty. The majority of the vocational course titles lie within the Specific Labor Market Preparation (SLMP) category. Within the SLMP category of the vocational curriculum, the SST creates further topical specializations and then organizes courses in a somewhat sequential nature: first course, second or later course in sequence, specialty course, and cooperative or work experience courses. Of the other two categories within the vocational curriculum, the Family and Consumer Sciences category is organized in a sequential manner, while the General Labor Market Preparation (GLMP) category has a topical organization. Other than the General Skills category, which is organized by topics into Enrichment, Assistance, and Service, the subject area categories of the Enrichment/Other curriculum area have no further organizing features. The only changes made to the SST in these major categories were to the SLMPs; previous SLMP categories of the SST are in greyscale in figure 2.1.

**Figure 2.1—Secondary School Taxonomy Overview**



## SST Coding

The alphanumeric coding of the SST roughly follows a modified outline format, but does contain a few irregularities. The four main curricula are noted as Arabic numerals: 1, 2, 3, and 4; the subject areas that further categorize coursework are also noted as Arabic numerals: 1, 2, 3, and so on. An underscore separates these two numbers. The main categories within the academic curricula (such as Science) are further divided into topics (such as survey science, biological science, chemistry, physics, earth science, physical science, and engineering). These further topical divisions are also marked by a number (creating 1\_21, 1\_22, and 1\_23, continuing the science example). In general, the coding algorithm dictates that ending numbers (1, 2, 3, and so on) denote different “types” of courses, and ending letters (A, B, C, and so forth) denote “levels” of courses. For example, 1\_64 indicates courses within the academic curricula (because the first digit equals 1), within the sixth subject area (Science), and further within a topical area; 1\_64B would denote courses within a topical area that had been further separated into levels of difficulty. Within the academic curricula, the levels are usually basic, regular, advanced/honors, specialized topics, and Advanced Placement/International Baccalaureate (AP/IB); within the vocational curricula, the levels are first course, second (or later) course, specialty course, and co-op/work experience. The levels for Non-English Languages assume that successive years of the same language increase in difficulty.

As mentioned, a few irregularities exist. The first exception concerns the English category. Although the first digit is appropriately followed by numbers denoting topical areas within English and then followed by letters denoting levels, English survey coursework is again differentiated by year. Therefore, although taxonomy codes for English survey end in a number, there is a much more intricate categorization than is usually the case for codes ending with a number.

The vocational curriculum has an additional letter immediately following its first numeral (2), making the beginning format of these codes different from the rest of the taxonomy coding. However, this additional level of coding for the three main areas of the vocational curriculum (Family and Consumer Sciences, GLMP, and SLMP) keeps the meaning of the coding structure consistent for most of the categories and courses within the vocational curriculum (those within SLMPs). Because of the additional letter following the numeral 2 within the vocational curricula, this portion of the SST can follow a normal outline format and have SST codes ending with

numbers still denoting topical areas, while those ending with letters indicating levels. A few categories within the SLMP categories (Business, Trade and Industry, and Technology and Communications) are divided into topical areas before dividing again by level.

The SST is an exclusive and strict hierarchical taxonomy. As an exclusive taxonomy, courses may be placed in one and only one category. As a strict hierarchical taxonomy, courses must be placed within one of the most specific categories possible. In other words, a course cannot simply belong to the Physics category; it must also be placed within one of the levels within Physics. Of course, if further topical areas or levels do not exist (such as with Military Science or Engineering), then the course obviously must remain at a higher level. However, where there is such specificity, further placement must be made. The strict hierarchical nature of the SST has both benefits and limitations. Analyses using the SST will always have the whole equal to the sum of its parts: adding up the credits earned by students in all levels of physics courses will equal the total number of credits earned by students in the Physics category (barring rounding errors). Likewise, adding up the credits earned by students in all types of science courses will equal the total number of credits earned by students in the Science category. This strict nature of the SST has at least one drawback: unusual courses are sometimes difficult to place. To alleviate this problem, several of the categories include “Other” as an option and most of the remaining subject areas have “specialized topics” or “specialty courses” where unusual courses can be placed.

### **Use of the SST**

The design of frameworks for analyzing transcript data is determined, in part, by the research questions and policy issues that particular analyses are intended to address. Although originally developed primarily as an analytic tool to determine the prevalence of and patterns in vocational coursetaking, the SST has also been used to monitor the nation’s progress toward meeting national goals for student coursetaking in academic subjects, as well as more general trends in coursetaking in America’s high schools. In revising the SST, the developers sought to make the taxonomy even more flexible for informing a variety of policy concerns, such as monitoring the prevalence of advanced, honors, and Advanced Placement (AP) coursework; trends in completing the curriculum promoted as the New Basics; and so on. The SST is a valuable, flexible tool for analyzing patterns that discriminate between students, determining the

relationships between particular course-taking patterns and labor market or postsecondary outcomes, and exploring educational trends.

While the SST is designed to accommodate a wide range of concerns, it cannot anticipate all present and future uses of transcript data. The current and revised SST are both based on the CSSC course coding and primarily exploit the information that these codes provide. As such, the SST is also constrained by the same information. If other, more detailed course coding systems gain widespread acceptance and use, a different taxonomy (or features added to the revised taxonomy) might be able to capitalize on the information provided by these codes. For example, an expressed interest in service learning or learning opportunities outside the school building (such as internships or other types of work-based learning) could be explored if course codes denoted a dependence upon these pedagogies or learning activities within the course itself. Currently, the CSSC does not provide this level of detail. Given the wide variations in subject coverage, teaching expertise, and opportunities within given communities, questions regarding such innovative efforts as service learning and work-based opportunities may best be addressed at the local level. Alternative, specialized taxonomies may need to be designed to address issues that the SST cannot currently handle.

### **Outline of the Revised SST**

The outline on the following pages presents the SST framework. Although not a usable taxonomy unless filled with actual courses, this outline provides users with the major and minor categories into which secondary school coursework has been divided.

# 1 ACADEMIC CURRICULUM

|       |  |
|-------|--|
| 1_1   | <u>MATHEMATICS</u> Credits                         |
| 1_11  | General Mathematics                                |
| 1_11A | General Mathematics, ESE/Functional                |
| 1_11B | General Mathematics, Basic                         |
| 1_11C | General Mathematics, Regular                       |
| 1_11D | General Mathematics, Other                         |
| 1_12  | Consumer Mathematics                               |
| 1_12A | Consumer Mathematics, ESE/Functional               |
| 1_12B | Consumer Mathematics, Regular                      |
| 1_13  | Pre-Algebra  |
| 1_14  | Algebra 1  |
| 1_15  | Geometry   |
| 1_16  | Algebra 2 through Pre-Calculus                     |
| 1_17  | Advanced Mathematics                               |
| 1_17A | Advanced Mathematics, Calculus                     |
| 1_17B | Advanced Mathematics, AP/IB                        |
| 1_17C | Advanced Mathematics, Other                        |
| 1_18  | Unified Mathematics                                |
| 1_19  | Occupationally-Related Mathematics                 |
| 1_19A | Occupationally-Related Mathematics, ESE/Functional |
| 1_19B | Occupationally-Related Mathematics, Regular        |
| 1_2   | <u>SCIENCE</u> Credits                             |
| 1_21  | Survey Science                                     |
| 1_21A | Survey Science, Basic                              |
| 1_21B | Survey Science, Specialized Topics                 |
| 1_21C | Survey Science, Integrated/Unified Topics          |
| 1_22  | Biological Science                                 |
| 1_22A | Biological Science, Basic                          |
| 1_22B | Biological Science, Regular                        |
| 1_22C | Biological Science, Advanced and Honors            |
| 1_22D | Biological Science, Specialized Topics             |
| 1_22E | Biological Science, AP/IB                          |
| 1_23  | Chemistry  |
| 1_23A | Chemistry, Basic                                   |
| 1_23B | Chemistry, Regular                                 |
| 1_23C | Chemistry, Advanced and Honors                     |
| 1_23D | Chemistry, Specialized Topics                      |
| 1_23E | Chemistry, AP/IB                                   |
| 1_24  | Physics  |
| 1_24A | Physics, Basic                                     |
| 1_24B | Physics, Regular                                   |
| 1_24C | Physics, Advanced and Honors                       |
| 1_24D | Physics, Specialized Topics                        |
| 1_24E | Physics, AP/IB                                     |

|        |   |
|--------|---|
| 1_25   | Earth Science                                 |
| 1_25A  | Earth Science, Basic                          |
| 1_25B  | Earth Science, Regular                        |
| 1_25C  | Earth Science, Advanced and Honors            |
| 1_25D  | Earth Science, Specialized Topics             |
| 1_26   | Physical Science                              |
| 1_26A  | Physical Science, Basic                       |
| 1_26B  | Physical Science, Regular                     |
| 1_26C  | Physical Science, Advanced and Honors         |
| 1_26D  | Physical Science, Specialized Topics          |
| 1_27   | Engineering                                   |
| 1_3    | <u>ENGLISH</u> Credits                        |
| 1_31   | English Survey                                |
| 1_31A  | English Survey, Language Skills               |
| 1_31B  | English Survey, Grades 7 and 8                |
| 1_31C  | English Survey, ESE/Functional                |
| 1_31C1 | English Survey, ESE/Functional, Grade 9       |
| 1_31C2 | English Survey, ESE/Functional, Grade 10      |
| 1_31C3 | English Survey, ESE/Functional, Grade 11      |
| 1_31C4 | English Survey, ESE/Functional, Grade 12      |
| 1_31D  | English Survey, Basic                         |
| 1_31D1 | English Survey, Basic, Grade 9                |
| 1_31D2 | English Survey, Basic, Grade 10               |
| 1_31D3 | English Survey, Basic, Grade 11               |
| 1_31D4 | English Survey, Basic, Grade 12               |
| 1_31E  | English Survey, Regular                       |
| 1_31E1 | English Survey, Regular, Grade 9              |
| 1_31E2 | English Survey, Regular, Grade 10             |
| 1_31E3 | English Survey, Regular, Grade 11             |
| 1_31E4 | English Survey, Regular, Grade 12             |
| 1_31F  | English Survey, Advanced and Honors           |
| 1_31F1 | English Survey, Advanced and Honors, Grade 9  |
| 1_31F2 | English Survey, Advanced and Honors, Grade 10 |
| 1_31F3 | English Survey, Advanced and Honors, Grade 11 |
| 1_31F4 | English Survey, Advanced and Honors, Grade 12 |
| 1_31G  | English Survey, AP/IB                         |
| 1_32   | Literature                                    |
| 1_33   | Composition and Writing                       |
| 1_34   | Speech  |
| 1_35   | English as a Second Language                  |
| 1_4    | <u>SOCIAL STUDIES</u> Credits                 |
| 1_41   | American History                              |
| 1_41A  | American History, Basic                       |
| 1_41B  | American History, Regular                     |
| 1_41C  | American History, Advanced and Honors         |
| 1_41D  | American History, Specialized Topics          |
| 1_41E  | American History, AP/IB                       |

|       |  |
|-------|--|
| 1_42  | World History  |
| 1_42A | World History, Basic                                       |
| 1_42B | World History, Regular                                     |
| 1_42C | World History, Advanced and Honors                         |
| 1_42D | World History, Specialized Topics                          |
| 1_42E | World History, AP/IB                                       |
| 1_43  | Government & Politics                                      |
| 1_43A | Government & Politics, Basic                               |
| 1_43B | Government & Politics, Regular                             |
| 1_43C | Government & Politics, Advanced and Honors                 |
| 1_43D | Government & Politics, Specialized Topics                  |
| 1_43E | Government & Politics, AP/IB                               |
| 1_44  | Economics  |
| 1_44A | Economics, Basic   |
| 1_44B | Economics, Regular   |
| 1_44C | Economics, Advanced and Honors                             |
| 1_44D | Economics, Specialized Topics                              |
| 1_44E | Economics, AP/IB   |
| 1_45  | Behavioral Sciences  |
| 1_45A | Behavioral Sciences, Basic                                 |
| 1_45B | Behavioral Sciences, Regular                               |
| 1_45C | Behavioral Sciences, Advanced and Honors                   |
| 1_45D | Behavioral Sciences, Specialized Topics                    |
| 1_45E | Behavioral Sciences, AP/IB                                 |
| 1_46  | Geography  |
| 1_46A | Geography, Basic   |
| 1_46B | Geography, Regular   |
| 1_46C | Geography, Advanced and Honors                             |
| 1_46D | Geography, Specialized Topics                              |
| 1_46E | Geography, AP/IB   |
| 1_47  | Social Science, Humanities, and Other                      |
| 1_47A | Social Science, Humanities, and Other, Basic               |
| 1_47B | Social Science, Humanities, and Other, Regular             |
| 1_47C | Social Science, Humanities, and Other, Advanced and Honors |
| 1_47D | Social Science, Humanities, and Other, Specialized Topics  |
| 1_47E | Social Science, Humanities, and Other, AP/IB               |
| 1_5   | <u>FINE ARTS</u> Credits                                   |
| 1_51  | Visual Arts  |
| 1_51A | Visual Arts, Basic   |
| 1_51B | Visual Arts, Regular and Advanced                          |
| 1_51C | Visual Arts, AP/IB   |
| 1_52  | Music  |
| 1_52A | Music, Basic   |
| 1_52B | Music, Regular and Advanced                                |
| 1_52C | Music, AP/IB   |
| 1_53  | Dance  |
| 1_54  | Theater Arts   |

|       |                                       |
|-------|---------------------------------------|
| 1_6   | <u>NON-ENGLISH LANGUAGES</u> Credits  |
| 1_61  | Non-English Languages—Spanish         |
| 1_61A | Spanish, Year 1                       |
| 1_61B | Spanish, Year 2                       |
| 1_61C | Spanish, Year 3                       |
| 1_61D | Spanish, Year 4+                      |
| 1_61E | Spanish, AP/IB                        |
| 1_62  | Non-English Languages—French          |
| 1_62A | French, Year 1                        |
| 1_62B | French, Year 2                        |
| 1_62C | French, Year 3                        |
| 1_62D | French, Year 4+                       |
| 1_62E | French, AP/IB                         |
| 1_63  | Non-English Languages—German          |
| 1_63A | German, Year 1                        |
| 1_63B | German, Year 2                        |
| 1_63C | German, Year 3                        |
| 1_63D | German, Year 4+                       |
| 1_63E | German, AP/IB                         |
| 1_64  | Non-English Languages—Latin           |
| 1_64A | Latin, Year 1                         |
| 1_64B | Latin, Year 2                         |
| 1_64C | Latin, Year 3                         |
| 1_64D | Latin, Year 4+                        |
| 1_64E | Latin, AP/IB                          |
| 1_65  | Non-English Languages—Italian         |
| 1_65A | Italian, Year 1                       |
| 1_65B | Italian, Year 2                       |
| 1_65C | Italian, Year 3                       |
| 1_65D | Italian, Year 4+                      |
| 1_65E | Italian, AP/IB                        |
| 1_66  | Non-English Languages—Other           |
| 1_66A | Other, Year 1                         |
| 1_66B | Other, Year 2                         |
| 1_66C | Other, Year 3                         |
| 1_66D | Other, Year 4+                        |
| 1_66E | Other, AP/IB                          |
| 1_67  | Non-English Languages, General/Survey |

## **2 VOCATIONAL EDUCATION CURRICULUM**

|      |  |
|------|--|
| 2_A  | <u>FAMILY AND CONSUMER SCIENCES EDUCATION</u> Credits          |
| 2_AA | Family and Consumer Sciences Education, 1st course             |
| 2_AB | Family and Consumer Sciences Education, 2nd (or later) courses |
| 2_AC | Family and Consumer Sciences Education, Specialty courses      |
| 2_B  | <u>GENERAL LABOR MARKET PREPARATION (GLMP)</u> Credits         |
| 2_B1 | GLMP, Basic Keyboarding/Typewriting                            |

|         |   |
|---------|---|
| 2_B2    | GLMP, Industrial Arts                                       |
| 2_B3    | GLMP, Career Preparation/General Work Experience            |
| 2_B4    | GLMP, Technology Education                                  |
| 2_B5    | GLMP, Other   |
| 2_C     | <u>SPECIFIC LABOR MARKET PREPARATION (SLMP) Credits</u>     |
| 2_C01   | Agriculture and Renewable Resources                         |
| 2_C01A  | Agriculture and Renewable Resources, 1st course             |
| 2_C01B  | Agriculture and Renewable Resources, 2nd (or later) courses |
| 2_C01C  | Agriculture and Renewable Resources, Specialty courses      |
| 2_C01D  | Agriculture and Renewable Resources, Co-op/Work Experience  |
| 2_C02   | Business  |
| 2_C021  | Business Management   |
| 2_C021A | Business Management, 1st course                             |
| 2_C021B | Business Management, 2nd (or later) courses                 |
| 2_C021C | Business Management, Specialty courses                      |
| 2_C021D | Business Management, Co-op/Work Experience                  |
| 2_C022  | Business Services   |
| 2_C022A | Business Services, 1st course                               |
| 2_C022B | Business Services, 2nd (or later) courses                   |
| 2_C022C | Business Services, Specialty courses                        |
| 2_C022D | Business Services, Co-op/Work Experience                    |
| 2_C03   | Marketing and Distribution                                  |
| 2_C03A  | Marketing and Distribution, 1st course                      |
| 2_C03B  | Marketing and Distribution, 2nd (or later) courses          |
| 2_C03C  | Marketing and Distribution, Specialty courses               |
| 2_C03D  | Marketing and Distribution, Co-op/Work Experience           |
| 2_C04   | Health Care   |
| 2_C04A  | Health Care, 1st course                                     |
| 2_C04B  | Health Care, 2nd (or later) courses                         |
| 2_C04C  | Health Care, Specialty courses                              |
| 2_C04D  | Health Care, Co-op/Work Experience                          |
| 2_C05   | Public and Protective Services                              |
| 2_C05A  | Public and Protective Services, 1st course                  |
| 2_C05B  | Public and Protective Services, 2nd (or later) courses      |
| 2_C05C  | Public and Protective Services, Specialty courses           |
| 2_C05D  | Public and Protective Services, Co-op/Work Experience       |
| 2_C06   | Trade and Industry (T&I)                                    |
| 2_C061  | T&I, Construction Trades                                    |
| 2_C061A | T&I, Construction Trades, 1st course                        |
| 2_C061B | T&I, Construction Trades, 2nd (or later) courses            |
| 2_C061C | T&I, Construction Trades, Specialty courses                 |
| 2_C061D | T&I, Construction Trades, Co-op/Work Experience             |

|          |   |
|----------|---|
| 2_C062   | T&I, Mechanics and Repair   |
| 2_C062A  | T&I, Mechanics and Repair, 1st course   |
| 2_C062B  | T&I, Mechanics and Repair, 2nd (or later) courses                                 |
| 2_C062C  | T&I, Mechanics and Repair, Specialty courses                                      |
| 2_C062D  | T&I, Mechanics and Repair, Co-op/Work Experience                                  |
| 2_C063   | T&I, Precision Production   |
| 2_C0631  | T&I, Precision Production (Drafting/Graphics/Printing)                            |
| 2_C0631A | T&I, Precision Production (Drafting/Graphics/Printing),<br>1st course             |
| 2_C0631B | T&I, Precision Production (Drafting/Graphics/Printing),<br>2nd (or later) courses |
| 2_C0631C | T&I, Precision Production (Drafting/Graphics/Printing),<br>Specialty courses      |
| 2_C0632  | T&I, Precision Production (Metals/Wood/Plastics)                                  |
| 2_C0632A | T&I, Precision Production (Metals/Wood/Plastics), 1st course                      |
| 2_C0632B | T&I, Precision Production (Metals/Wood/Plastics), 2nd (or later)<br>courses       |
| 2_C0632C | T&I, Precision Production (Metals/Wood/Plastics), Specialty courses               |
| 2_C0633  | T&I, Precision Production (Other)   |
| 2_C0633A | T&I, Precision Production (Other), 1st course                                     |
| 2_C0633B | T&I, Precision Production (Other), 2nd (or later) courses                         |
| 2_C0633C | T&I, Precision Production (Other), Specialty courses                              |
| 2_C0634  | T&I, Precision Production, Co-op/Work Experience                                  |
| 2_C064   | T&I, Transportation and Material Moving   |
| 2_C064A  | T&I, Transportation and Material Moving, 1st course                               |
| 2_C064B  | T&I, Transportation and Material Moving, 2nd (or later) courses                   |
| 2_C064C  | T&I, Transportation and Material Moving, Specialty courses                        |
| 2_C064D  | T&I, Transportation and Material Moving, Co-op/Work<br>Experience                 |
| 2_C07    | Technology and Communications   |
| 2_C071   | Computer Technology   |
| 2_C071A  | Computer Technology, 1st course   |
| 2_C071B  | Computer Technology, 2nd (or later) courses                                       |
| 2_C071BA | Computer Technology, 2nd (or later) courses, non-AP/IB                            |
| 2_C071BB | Computer Technology, 2nd (or later) courses, AP/IB                                |
| 2_C071C  | Computer Technology, Specialty courses  |
| 2_C071D  | Computer Technology, Co-op/Work Experience  |
| 2_C072   | Communication Technology  |
| 2_C072A  | Communication Technology, 1st course  |
| 2_C072B  | Communication Technology, 2nd (or later) courses                                  |
| 2_C072C  | Communication Technology, Specialty courses                                       |
| 2_C072D  | Communication Technology, Co-op/Work Experience                                   |
| 2_C073   | Other Technologies  |
| 2_C073A  | Other Technologies, 1st course  |
| 2_C073B  | Other Technologies, 2nd (or later) courses  |
| 2_C073C  | Other Technologies, Specialty courses   |
| 2_C073D  | Other Technologies, Co-op/Work Experience   |

- 2\_C08            Personal and Other Services
  - 2\_C08A            Personal and Other Services, 1st course
  - 2\_C08B            Personal and Other Services, 2nd (or later) courses
  - 2\_C08C            Personal and Other Services, Specialty courses
  - 2\_C08D            Personal and Other Services, Co-op/Work Experience
  
- 2\_C09            Food Service and Hospitality
  - 2\_C09A            Food Service and Hospitality, 1st course
  - 2\_C09B            Food Service and Hospitality, 2nd (or later) courses
  - 2\_C09C            Food Service and Hospitality, Specialty courses
  - 2\_C09D            Food Service and Hospitality, Co-op/Work Experience
  
- 2\_C10            Child Care and Education
  - 2\_C10A            Child Care and Education, 1st course
  - 2\_C10B            Child Care and Education, 2nd (or later) courses
  - 2\_C10C            Child Care and Education, Specialty courses
  - 2\_C10D            Child Care and Education, Co-op/Work Experience
  
- 2\_C11            Specific Labor Market Preparation, Unidentified Subject

**3                    ENRICHMENT/OTHER CURRICULUM**

- 3\_1                GENERAL SKILLS Credits
  - 3\_1A                Enrichment
  - 3\_1B                Assistance
  - 3\_1C                Service
- 3\_2                HEALTH, PHYSICAL & RECREATIONAL EDUCATION Credits
- 3\_3                RELIGION AND THEOLOGY Credits
- 3\_4                MILITARY SCIENCE Credits

**4                    SPECIAL EDUCATION CURRICULUM**

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## **Chapter 3**

### **Revisions**

Throughout the revision process, the role of the SST in monitoring trends in coursetaking created a dilemma. On the one hand, interest in understanding change is sometimes best served by maintaining strict comparability between studies—that is, using the same definitions, adopting similar frameworks, and following identical procedures. On the other hand, capturing good information on change may require creating new frameworks and instituting new features to reflect innovation and, therefore, may undermine strict comparisons with information collected earlier. The revisions that were made to the SST strike a delicate balance between these trade-offs. Appendix B presents how these changes affect course-taking patterns, using data from the 1990 First Follow-up of the National Education Longitudinal Study (NELS); readers will note some, but not drastic, change. This chapter presents the major revisions made to the Secondary School Taxonomy by curriculum area—Academic, Vocational, and Enrichment/Other—and then discusses changes that affect the taxonomy as a whole.

#### **Academic Expansion**

Primarily, the major changes made within the academic curriculum area of the SST involved moving English as a Second Language (ESL) coursework from the previous Foreign Language subject area (now termed Non-English Languages) to the English subject area; expanding a number of subcategories in the Social Studies, Science, and Mathematics subject areas; and making category changes to the Fine Arts and Non-English Languages subject areas. Figure 3.1 shows how the revised SST Academic curriculum is organized.

**Figure 3.1—Overview of the Revised Academic Curriculum Area**

| <b>Mathematics</b>  | <b>Science</b>  | <b>English</b>   | <b>Social Studies</b>   | <b>Fine Arts</b>   | <b>Non-English Languages</b>   |
|---|---|--|---|--|--|
| <b>1_1</b>  | <b>1_2</b>  | <b>1_3</b>   | <b>1_4</b>  | <b>1_5</b>   | <b>1_6</b>   |
| 11 General Mathematics<br>A ESE/Functional<br>B Basic<br>C Regular<br>D Other | 21 Survey Science<br>A Basic<br>B Specialized Topics<br>C Integ/Unified                               | 31 English Survey<br>A Language Skills<br>B Grades 7&8<br>C ESE/Functional<br>D Basic<br>E Regular<br>F Advanced/Honors<br>G AP/IB | 41 American History<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB                       | 51 Visual Arts<br>A Basic<br>B Regular/Advanced<br>C AP/IB | 61 Spanish<br>A Year 1<br>B Year 2<br>C Year 3<br>D Year 4+<br>E AP/IB |
| 12 Consumer Mathematics<br>A ESE/Functional<br>B Regular                      | 22 Biological Science<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB | 32 Literature  | 42 World History<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB                          | 52 Music<br>A Basic<br>B Regular/Advanced<br>C AP/IB       | 62 French<br>A Year 1<br>B Year 2<br>C Year 3<br>D Year 4+<br>E AP/IB  |
| 13 Pre-Algebra  | 23 Chemistry<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB          | 33 Composition and Writing   | 43 Government and Politics<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB                | 53 Dance   | 63 German<br>A Year 1<br>B Year 2<br>C Year 3<br>D Year 4+<br>E AP/IB  |
| 14 Algebra 1  | 24 Physics<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB            | 34 Speech  | 44 Economics<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB                              | 54 Theater Arts  | 64 Latin<br>A Year 1<br>B Year 2<br>C Year 3<br>D Year 4+<br>E AP/IB   |
| 15 Geometry   | 25 Earth Science<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics                 | 35 English as a Second Language  | 45 Behavioral Sciences<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB                    |  | 65 Italian<br>A Year 1<br>B Year 2<br>C Year 3<br>D Year 4+<br>E AP/IB |
| 16 Algebra 2 through Pre-calculus   | 26 Physical Science<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics              |  | 46 Geography<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB                              |  | 66 Other<br>A Year 1<br>B Year 2<br>C Year 3<br>D Year 4+<br>E AP/IB   |
| 17 Advanced Mathematics<br>A Calculus<br>B AP/IB<br>C Other                   | 27 Engineering  |  | 47 Social Sciences, Humanities, and Other<br>A Basic<br>B Regular<br>C Advanced/Honors<br>D Specialized Topics<br>E AP/IB |  | 67 General/Survey  |
| 18 Unified Mathematics  |   |  |   |  |  |
| 19 Occupationally-Related Mathematics<br>A ESE/Functional<br>B Regular        |   |  |   |  |  |

## *English*

As mentioned in Chapter 1, original placement of English as a Second Language (ESL) coursework within the subject area of Foreign Languages was deemed no longer appropriate. As part of the revision process, ESL coursework was moved to the English subject area. A reasonable argument could be made for distributing ESL courses among the other English survey courses, as they are helping students learn the skills and techniques of the English language, including reading/literature, writing/composition, and speaking skills/vocabulary. However, for practical analytic work, ESL coursework is a category of interest in and of itself, and for that reason, ESL remains as a subcategory of its own within the English subject area.

The revised SST will now allow researchers to combine English survey courses either by grade or by level. English survey courses are those designed to teach the entire subject of language arts, providing instruction in reading and interpreting literature, writing technique (including grammar) and style, listening skills, and speaking skills. The original SST divided types of courses mainly by grade, using the categories of remedial, grades 7 and 8, grade 9, grade 10, grade 11, and grade 12, with an extra category for AP coursework. The revised SST creates more distinctions, separating CSSC codes based on level as well. In other words, the taxonomy separates courses using the categories of Exceptional/Special Education (ESE)/Functional, Basic, Regular, and Advanced/Honors, and then contains further distinctions by grade. This greater detail is available only for the four main grades of secondary school, and only for English survey coursework. Literature, composition and writing, speech, and English as a second language courses, although having their own categories within the English subject area, do not offer further specialization. In creating the more detailed subcategories, the coursework in the old Remedial English and Language/Writing skills categories were moved to grade- and level-specific subcategories where possible and appropriate. Some courses in each of these categories were not grade-specific; they were combined together, and the resulting subcategory renamed Language Skills.

**Figure 3.2—Changes Made to the English Subject Area**

| Previous Version of SST   | 1998 Revised Version of SST   |
|---|---|
| <p>I31 English Survey<br/>           I31A Remedial English<br/>           I31B Grade 7 &amp; 8<br/>           I31C Grade 9<br/>           I31D Grade 10<br/>           I31E Grade 11<br/>           I31F Grade 12<br/>           I31G Grade 12 AP English<br/>           I31H Language/Writing Skills</p> | <p>1_31 English Survey<br/>           1_31A Language Skills<br/>           1_31B Grades 7 &amp; 8<br/>           1_31C ESE/Functional<br/>               1_31C1 ESE/Functional, Grade 9<br/>               1_31C2 ESE/Functional, Grade 10<br/>               1_31C3 ESE/Functional, Grade 11<br/>               1_31C4 ESE/Functional, Grade 12<br/>           1_31D Basic<br/>               1_31D1 Basic, Grade 9<br/>               1_31D2 Basic, Grade 10<br/>               1_31D3 Basic, Grade 11<br/>               1_31D4 Basic, Grade 12<br/>           1_31E Regular<br/>               1_31E1 Regular, Grade 9<br/>               1_31E2 Regular, Grade 10<br/>               1_31E3 Regular, Grade 11<br/>               1_31E4 Regular, Grade 12<br/>           1_31F Advanced and Honors<br/>               1_31F1 Adv. &amp; Honors, Grade 9<br/>               1_31F2 Adv. &amp; Honors, Grade 10<br/>               1_31F3 Adv. &amp; Honors, Grade 11<br/>               1_31F4 Adv. &amp; Honors, Grade 12<br/>           1_31G AP/IB</p> |
| <p>I32 Literature</p>   | <p>1_32 Literature</p>  |
| <p>I33 Composition and Writing</p>  | <p>1_33 Composition and Writing</p>   |
| <p>I34 Speech</p>   | <p>1_34 Speech</p>  |
|   | <p>1_35 English as a Second Language</p>  |

*Social Studies*

Changes made to the Social Studies subject area, although large in scope, are quite simple. One series of revisions concerned adding more detail by dividing the courses within the Social Sciences, Humanities, and Other subcategory into more specific topical areas (for example, Economics, Behavioral Sciences, and Geography were created as additional subcategories). One of the benefits of breaking up this subcategory is that the prevalence of coursetaking in geography can now be seen, which is important because one of the national goals set in 1994 under the *Goals 2000: Educate America Act* explicitly concerns geographical knowledge. In addition, courses in the Social Sciences, Humanities, and Other subcategory concerning public

administration, public protection, education, and communication or mass media were moved into the appropriate vocational SLMP categories.<sup>2</sup> The other series of revisions within this subject area involved creating more categories that reflected the level of courses within a topical subcategory. Although the CSSC does not contain codes for all levels of courses within all of the subcategories, the professional work group felt that the structure of the SST should, for the most part, be parallel.

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<sup>2</sup>These SLMP categories and the reasoning underlying the moves are discussed in a later section.

**Figure 3.3—Changes Made to the Social Studies Subject Area**

| Previous Version of SST                          | 1998 Revised Version of SST                       |
|--|---|
| I41 American History                             | 1_41 American History                             |
| I41A American History, Basic                     | 1_41A American History, Basic                     |
| I41B American History, Regular                   | 1_41B American History, Regular                   |
| I41C American History, Adv., Honors, AP          | 1_41C American History, Adv. & Honors             |
| I41D American History, Specialized Topics        | 1_41D American History, Spec. Topics              |
|  | 1_41E American History, AP/IB                     |
| I42 World History                                | 1_42 World History                                |
| I42A World History, Regular                      | 1_42A World History, Basic                        |
| I42B World History, Adv., Honors, AP             | 1_42B World History, Regular                      |
| I42C World History, Specialized Topics           | 1_42C World History, Adv. & Honors                |
|  | 1_42D World History, Specialized Topics           |
|  | 1_42E World History, AP/IB                        |
| I43 American Government and Politics             | 1_43 Government and Politics                      |
| I43A Amer Gov't and Politics, Basic              | 1_43A Government and Politics, Basic              |
| I43B Amer Gov't and Politics, Regular            | 1_43B Government and Politics, Regular            |
| I43C Amer Gov't and Politics, Adv., Honors, AP   | 1_43C Government and Politics, Adv. & Honors      |
| I43D Amer Gov't and Politics, Specialized Topics | 1_43D Government and Politics, Specialized Topics |
|  | 1_43E Government and Politics, AP/IB              |
|  | 1_44 Economics                                    |
|  | 1_44A Economics, Basic                            |
|  | 1_44B Economics, Regular                          |
|  | 1_44C Economics, Adv. & Honors                    |
|  | 1_44D Economics, Specialized Topics               |
|  | 1_44E Economics, AP/IB                            |
|  | 1_45 Behavioral Sciences                          |
|  | 1_45A Behavioral Sciences, Basic                  |
|  | 1_45B Behavioral Sciences, Regular                |
|  | 1_45C Behavioral Sciences, Adv. & Honors          |
|  | 1_45D Behavioral Sciences, Spec. Topics           |
|  | 1_45E Behavioral Sciences, AP/IB                  |
|  | 1_46 Geography                                    |
|  | 1_46A Geography, Basic                            |
|  | 1_46B Geography, Regular                          |
|  | 1_46C Geography, Adv. & Honors                    |
|  | 1_46D Geography, Specialized Topics               |
|  | 1_46E Geography, AP/IB                            |
|  | 1_47 Social Science, Humanities, and Other        |
| I44 Social Science, Humanities, and Other        | 1_47A Soc Sci, Hum, and Other, Basic              |
| I44A Soc Sci, Hum, and Other, Basic              | 1_47B Soc Sci, Hum, and Other, Regular            |
| I44B Soc Sci, Hum, and Other, Regular            | 1_47C Soc Sci, Hum, and Other, Adv. & Honors      |
| I44C Soc Sci, Hum, and Other, Adv., Honor, AP    | 1_47D Soc Sci, Hum, and Other, Specialized Topics |
| I44D Soc Sci, Hum, and Other, Specialized Topics | 1_47E Soc Sci, Hum, and Other, AP/IB              |

## *Science*

The original arrangement of the topical subcategories within the Science subject area combined a number of foundation science courses traditionally offered to freshmen (such as physical or earth science) with other courses that provided more of an overview of several science topics. According to the research completed by one professional work group member, 75 percent of students take physical science, earth science, or the first year of unified science as their foundation science course.<sup>3</sup> This combination was broken up and the topical subcategories of Earth Science and Physical Science were created. This change has the additional advantage of more closely aligning the science subcategories with the subscales of the National Assessment of Educational Progress (NAEP). Of the courses that remained within the Survey Science and Other subcategory, integrated science and unified science courses were placed within a new subcategory to better inform the growth of science courses created in response to the academic standards movement.<sup>4</sup>

The other major revision made to the Science subject area concerned engineering courses. The earlier version of the SST placed these courses within Physics, and certainly, as physics is a body of knowledge that concerns matter and energy and the interaction between the two, this placement is justified. However, as one advisor commented, “At some level, all science is physics. Physics is the study of the processes and phenomena of matter and energy; what else is there?” For the purposes of the taxonomy and the analytic work that would result from its use, members of the work group felt that moving engineering coursework out of the Physics subcategory into its own subcategory was wise.<sup>5</sup> Although the possibility of placing engineering coursework within the vocational curriculum was raised, there was consensus to have it remain in the Science subject area within the academic curriculum. Although the number of course codes moved from Physics to Engineering is substantial, the proportion of students receiving credit in these courses is quite small (see appendix B). The few engineering courses that had been in the Survey Science subcategory were also moved to the new Engineering subcategory.

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<sup>3</sup>See David Burkam and Valerie E. Lee’s (1997) *Mathematics, Foreign Language, and Science Coursetaking and the NELS:88 Transcript Data*, U.S. Department of Education, Office of Educational Research and Improvement, NCES 97-480.

<sup>4</sup>Integrated Science is typically a three-year course developed in response to standards created by the American Association for the Advancement of Science.

<sup>5</sup>See appendix A for a listing of professional work group members.

**Figure 3.4—Changes Made to the Science Subject Area**

| Previous Version of SST  | 1998 Revised Version of SST   |
|--|---|
| <p>I21 Survey and Other Science<br/>           I21A Survey Science, Basic<br/>           I21B Survey Science, Specialized</p> <p>I22 Biological Science<br/>           I22A Biological Science, Basic<br/>           I22B Biological Science, Regular<br/>           I22C Biological Science, Adv., Honors, AP<br/>           I22D Biological Science, Specialized</p> <p>I23 Chemistry<br/>           I23A Chemistry, Basic<br/>           I23B Chemistry, Regular<br/>           I23C Chemistry, Adv., Honors, AP<br/>           I23D Chemistry, Specialized</p> <p>I24 Physics<br/>           I24A Physics, Basic<br/>           I24B Physics, Regular<br/>           I24C Physics, Adv., Honors, AP<br/>           I24D Physics, Specialized</p> | <p>1_21 Survey Science<br/>           1_21A Survey Science, Basic<br/>           1_21B Survey Science, Specialized Topics<br/>           1_21C Survey Science, Integrated/<br/>           Unified Topics</p> <p>1_22 Biological Science<br/>           1_22A Biological Science, Basic<br/>           1_22B Biological Science, Regular<br/>           1_22C Biological Science, Adv. &amp;<br/>           Honors<br/>           1_22D Biological Science, Spec. Topics<br/>           1_22E Biological Science, AP/IB</p> <p>1_23 Chemistry<br/>           1_23A Chemistry, Basic<br/>           1_23B Chemistry, Regular<br/>           1_23C Chemistry, Adv. &amp; Honors<br/>           1_23D Chemistry, Specialized Topics<br/>           1_23E Chemistry, AP/IB</p> <p>1_24 Physics<br/>           1_24A Physics, Basic<br/>           1_24B Physics, Regular<br/>           1_24C Physics, Adv. &amp; Honors<br/>           1_24D Physics, Specialized Topics<br/>           1_24E Physics, AP/IB</p> <p>1_25 Earth Science<br/>           1_25A Earth Science, Basic<br/>           1_25B Earth Science, Regular<br/>           1_25C Earth Science, Adv. &amp; Honors<br/>           1_25D Earth Science, Specialized Topics</p> <p>1_26 Physical Science<br/>           1_25A Earth Science, Basic<br/>           1_25B Earth Science, Regular<br/>           1_25C Earth Science, Adv. &amp; Honors<br/>           1_25D Earth Science, Specialized Topics</p> <p>1_27 Engineering</p> |

## *Mathematics*

Revisions made to the Mathematics subject area revolved around nomenclature (in order to more aptly describe the courses within each topical subcategory); coding (to make the mathematics coding consistent with the rest of the SST coding structure); the development of additional subcategories (to provide greater detail on topical subcategories); and the movement of computer coursework to the vocational curriculum. In the original SST, some types of computer coursework had been placed in IIC: Mathematics, Applied.<sup>6</sup> This applied category was deleted (see the later section entitled “Changes Discussed but Not Made” for a review of the reasoning), necessitating placement of the computer courses within another subcategory.

The experts and advisors who were consulted believed that the original placement of these six computer science courses in the Mathematics subject area was due more to the fact that computer science was and is often taught by educators within mathematics departments than to issues of content. Although computer science courses taught at the postsecondary level include mathematical concepts, courses at the high school level are more typically focused on learning a programming language for simple tasks or problem solving using pre-written packages. The consensus of the work group led to including computer science coursework with the computer technology coursework already in the vocational SLMP category of Technology and Communications. The placement of computer coursework in that SLMP category has the further advantage of placing most computer coursework within one area, making it more readily available when conducting research on the New Basics curriculum.

Review of the other courses within the old Mathematics, Applied and Mathematics, Advanced subcategories prompted the creation of several new topical subcategories. Courses within the Applied subcategory were distributed among the General Mathematics, Consumer Mathematics; and Occupationally-Related Mathematics subcategories (in addition to the computer science course distribution discussed above). Unified Mathematics was created to hold the unified coursework, previously distributed among the Algebra 1, Geometry, and Advanced Mathematics—Algebra subcategories.

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<sup>6</sup>In all, only 6 courses were moved from the Mathematics category to the SLMP subcategory of Technology and Communications: Computers, Introduction; Computer Mathematics 1; Computer Mathematics 2; Information Sciences and Systems, Other; Systems Analysis, Other; and Computer and Information Sciences, Other.

**Figure 3.5—Changes Made to the Mathematics Subject Area**

| Previous Version of SST  | 1998 Revised Version of SST   |
|--|---|
| <p>I1A Mathematics, Basic<br/>                     I1B Mathematics, General<br/>                     I1C Mathematics, Applied</p> <p>I1D Pre-Algebra<br/>                     I1E Algebra 1<br/>                     I1F Geometry<br/>                     I1G Mathematics, Advanced—Algebra<br/>                     I1H Mathematics, Advanced—Calculus</p> | <p>1_11 General Mathematics<br/>                     1_11A General Mathematics, ESE/<br/>                     Functional<br/>                     1_11B General Mathematics, Basic<br/>                     1_11C General Mathematics, Regular<br/>                     1_11D General Mathematics, Other</p> <p>1_12 Consumer Mathematics<br/>                     1_12 Consumer Mathematics, ESE/<br/>                     Functional<br/>                     1_12 Consumer Mathematics, Regular</p> <p>1_13 Pre-Algebra<br/>                     1_14 Algebra 1<br/>                     1_15 Geometry<br/>                     1_16 Algebra 2 through Pre-Calculus<br/>                     1_17 Advanced Mathematics<br/>                     1_17A Advanced Mathematics, Calculus<br/>                     1_17B Advanced Mathematics, AP/IB<br/>                     1_17C Advanced Mathematics, Other</p> <p>1_18 Unified Mathematics<br/>                     1_19 Occupationally-Related Mathematics<br/>                     1_19A Occupationally-Related Mathematics, ESE/Functional<br/>                     1_19B Occupationally-Related Mathematics, Regular</p> |

*Non-English Languages*

The previous version of the SST based the primary divisions within this subject area on year (first year of a language course, second year of a language course, and so on). An alternative categorization based on language was also available. These two organizational methods were combined during the revision, creating categories within the subject area of Non-English Languages that are based on the language being taught, and then subcategories within each language, based on year. Using “year” as the subcategories is equivalent to the use of “level” within other subject areas, assuming that each successive year of language instruction becomes more advanced. One additional language (Italian) is used as a category. Although work group members discussed the possibility of including other languages as categories, the percentage of students receiving credit in all languages other than Spanish, French, German, Latin, and Italian totaled less than 1 percent. Therefore, only those five languages are specified in the revised taxonomy. (The remaining languages are included under “Other.”)

**Figure 3.6—Changes Made to the Non-English Languages Subject Area**

| Previous Version of SST  | 1998 Revised Version of SST   |
|--|---|
| I6A Foreign Languages, Survey<br>I6B Foreign Languages, Year 1<br>I6C Foreign Languages, Year 2<br>I6D Foreign Languages, Year 3<br>I6E Foreign Languages, Year 4 and Higher | 1_61 Spanish<br>1_61A Spanish, Year 1<br>1_61B Spanish, Year 2<br>1_61C Spanish, Year 3<br>1_61D Spanish, Year 4 and Higher<br>1_61E Spanish, AP/IB |
| or, alternatively,   | 1_62 French<br>1_62A French, Year 1<br>1_62B French, Year 2<br>1_62C French, Year 3<br>1_62D French, Year 4 and Higher<br>1_62E French, AP/IB       |
| I6LA Spanish<br>I6LB French<br>I6LC German<br>I6LD Latin<br>I6LE Other Foreign Language<br>I6LF English as a Second Language   | 1_63 German<br>1_63A German, Year 1<br>1_63B German, Year 2<br>1_63C German, Year 3<br>1_63D German, Year 4 and Higher<br>1_63E German, AP/IB       |
|  | 1_64 Latin<br>1_64A Latin, Year 1<br>1_64B Latin, Year 2<br>1_64C Latin, Year 3<br>1_64D Latin, Year 4 and Higher<br>1_64E Latin, AP/IB             |
|  | 1_65 Italian<br>1_65A Italian, Year 1<br>1_65B Italian, Year 2<br>1_65C Italian, Year 3<br>1_65D Italian, Year 4 and Higher<br>1_65E Italian, AP/IB |
|  | 1_66 Other<br>1_66A Other, Year 1<br>1_66B Other, Year 2<br>1_66C Other, Year 3<br>1_66D Other, Year 4 and Higher<br>1_66E Other, AP/IB             |
|  | 1_67 General/Survey   |

*Fine Arts*

Lastly, one separation was made within the Fine Arts category. In the original SST, drama and dance coursework were combined into one category; the revised SST makes the distinction between the two types of courses clear.

## **Vocational Expansion**

The major changes made within the vocational curriculum area of the SST involved adding a Cooperative/Work Experience category in each SLMP category and disaggregating several SLMP categories. These revisions were made to retain finer detail regarding the types of coursework involved and, in some cases, to establish a better relationship to the clusters being developed by the National Skill Standards Boards. On the following pages, figure 3.7 illustrates the revised SST vocational curriculum and figure 3.8 compares the SLMP categories of the old and revised SST.

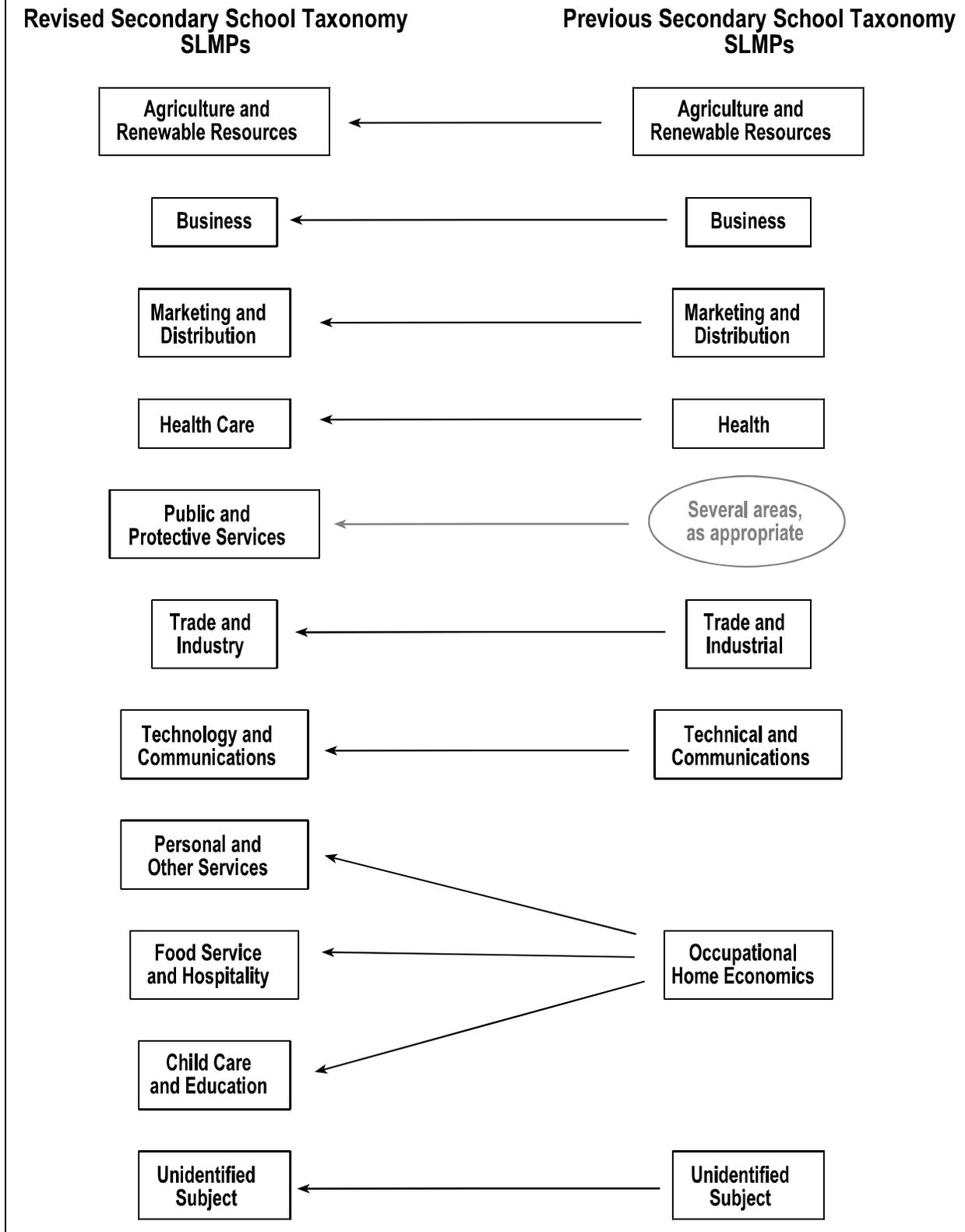
### *Cooperative/Work Experience Coursework*

As a result of Tech-Prep programs and programmatic changes created in response to the School-to-Work Opportunities Act, more students are being offered the opportunity to gain competency in a work-based setting. High schools are offering students credit for internships and coordinated classroom learning through off-site experience, in addition to the more traditional cooperative education courses. The School-to-Work Opportunities Act specifically encourages work-based learning, and although the intent is to encourage all types of learning experiences outside of the traditional educational setting, most students have access to these experiences through the vocational curriculum. The desire to monitor and report the proportions of high school students earning credit in cooperative and work experience-type courses necessitated that in the SST they be separated from the other vocational coursework categories. Before the revision, cooperative coursework was placed in the appropriate “2nd (or later)” subcategory or within the GLMP, Work Experience/ Career Exploration subcategory). A Co-op/Work Experience level was added to all the SLMP subcategories to identify these courses exclusive of any other coursework.

**Figure 3.7—Overview of the Revised Vocational Curriculum Area**

| <b>Agriculture and Renewable Resources</b><br><b>C01</b>          | <b>Business</b><br><b>C02</b>  | <b>Marketing and Distribution</b><br><b>C03</b>                   | <b>Health Care</b><br><b>C04</b>                                  | <b>Public and Protective Services</b><br><b>C05</b>               | <b>Trade and Industry</b><br><b>C06</b>  | <b>Technology and Communications</b><br><b>C07</b>   | <b>Personal and Other Services</b><br><b>C08</b>                  | <b>Food Service and Hospitality</b><br><b>C09</b>                 | <b>Child Care and Education</b><br><b>C10</b>                         |
|---|--|---|---|---|--|--|---|---|---|
| 1A 1st course<br>1B >=2nd course<br>1C Spec course<br>1D Co-op/Wk | 21 Business Mgmt<br>21A 1st course<br>21B >=2nd course<br>21C Spec course<br>21D Co-op/Wk<br><br>22 Business Services<br>22A 1st course<br>22B >=2nd course<br>22C Spec course<br>22D Co-op/Wk | 3A 1st course<br>3B >=2nd course<br>3C Spec course<br>3D Co-op/Wk | 4A 1st course<br>4B >=2nd course<br>4C Spec course<br>4D Co-op/Wk | 5A 1st course<br>5B >=2nd course<br>5C Spec course<br>5D Co-op/Wk | 61 Construction<br>61A 1st course<br>61B >=2nd course<br>61C Spec course<br>61D Co-op/Wk<br><br>62 Mechanics & Repair<br>62A 1st course<br>62B >=2nd course<br>62C Spec course<br>62D Co-op/Wk<br><br>63 Precision Production<br>631 DR/GR/PR<br>632 Metal/Wd/Plas<br>633 Other<br>634 Co-op/Wk<br><br>64 Transportation & Materials Moving<br>64A 1st course<br>64B >=2nd course<br>64C Spec course<br>64D Co-op/Wk | 71 Computer Tech<br>71A 1st course<br>71B >=2nd course<br>71C Spec course<br>71D Co-op/Wk<br><br>72 Communications Technology<br>72A 1st course<br>72B >=2nd course<br>72C Spec course<br>72D Co-op/Wk<br><br>73 Other Technologies<br>73A 1st course<br>73B >=2nd course<br>73C Spec course<br>73D Co-op/Wk | 8A 1st course<br>8B >=2nd course<br>8C Spec course<br>8D Co-op/Wk | 9A 1st course<br>9B >=2nd course<br>9C Spec course<br>9D Co-op/Wk | 10A 1st course<br>10B >=2nd course<br>10C Spec course<br>10D Co-op/Wk |

**Figure 3.8—SLMP Comparison**



*Detailing of Several SLMPs*

Viewed from the perspective of resulting SST codes, Technology and Communications as a vocational subject area and Precision Production as a subcategory within Trade and Industry both masked important detail. Coursework within Technology and Communications (or, “Technical and Communication,” as it was titled originally) ranged from computer programming courses to broadcast management and television production to robotics technology. Not only did the aggregation of all of these courses into one SLMP mask important distinctions, but it also made comparisons to international statistics difficult. During the revision process, this single SLMP category was divided into three subcategories: Computer Technology, Communications Technology, and Other Technologies in order to reflect the content of the courses contained within it.

**Figure 3.9—Changes Made to the Technology and Communications Subject Area**

| Previous Version of SST                               | 1998 Revised Version of SST                                 |
|---|---|
| IIC7 Technical & Communications Credits               | 2_C07 Technology and Communications                         |
| IIC7A Technical & Communications,<br>1st course       | 2_C071 Computer Technology                                  |
| IIC7B Technical & Communications,<br>>=2 course       | 2_C071A Computer Technology, 1st crse                       |
| IIC7C Technical & Communications,<br>Specialty course | 2_C071B Computer Technology, >=2 crse                       |
|   | 2_C071BA Comp. Tech., >=2<br>course, non-AP/IB              |
|   | 2_C071BB Computer Tech.,<br>>=2 course, AP/IB               |
|   | 2_C071C Computer Technology,<br>Specialty course            |
|   | 2_C071D Computer Technology,<br>Co-op/Work Experience       |
|   | 2_C072 Communication Technology                             |
|   | 2_C072A Communications Technology,<br>1st course            |
|   | 2_C072B Communications Technology,<br>>=2 course            |
|   | 2_C072C Communications Technology,<br>Specialty course      |
|   | 2_C072D Communications Technology,<br>Co-op/Work Experience |
|   | 2_C073 Other Technologies                                   |
|   | 2_C073A Other Technologies, 1st course                      |
|   | 2_C073B Other Technologies, >=2 crse                        |
|   | 2_C073C Other Technologies, Spec. crse                      |
|   | 2_C073D Other Technologies, Co-op/<br>Work Experience       |

The subcategory of Precision Production had the same problem of obscuring the variety of courses contained within it, although perhaps to a lesser degree. Although vocational educators may be aware that precision production includes printing and drafting as well as machining, metalwork, and other kinds of processing that produce goods and materials within low tolerances, policymakers may not know this, much less the general public. By disaggregating this subcategory during the revision process, comparisons may be made over time regarding students' movement toward or away from the printing and manufacturing industries.

**Figure 3.10—Changes Made to the Precision Production Subcategory within Trade and Industry**

| Previous Version of SST   | 1998 Revised Version of SST   |
|---|---|
| <p>IIC63 Precision Production Credits<br/>           IIC63A Precision Production, 1st course<br/>           IIC63B Precision Production, &gt;=2 course<br/>           IIC63C Precision Production, Specialty Course</p> | <p>2_C063 Precision Production<br/>           2_C0631 Precision Production (Drafting/Graphics/Printing)<br/>               2_C0631A Drafting/Graphics/Printing, 1st course<br/>               2_C0631B Drafting/Graphics/Printing, &gt;=2 course<br/>               2_C0631C Drafting/Graphics/Printing, Specialty course<br/>           2_C0632 Precision Production (Metals/Woods/Plastics)<br/>               2_C0632A Metals/Woods/Plastics, 1st course<br/>               2_C0632B Metals/Woods/Plastics, &gt;=2 course<br/>               2_C0632C Metals/Woods/Plastics, Specialty course<br/>           2_C0633 Precision Production (Other)<br/>               2_C0633A Precision Production (Other), 1st course<br/>               2_C0633B Precision Production (Other), &gt;=2 course<br/>               2_C0633C Precision Production (Other), Specialty course<br/>           2_C0634 Precision Production, Co-op/Work Exp.</p> |

### *Changes to SLMPs*

During the past five to seven years, there have been several developments that may have major implications for how best to conceive the overall organizing framework for SLMPs. In 1991, the America 2000 strategy called for “business and labor to adopt a strategy to establish job-related skill standards built around core proficiencies and to develop skill certificates to accompany these standards.”<sup>1</sup> The National Skill Standards Act of 1994 established the National Skill Standards Board (NSSB) to “stimulate the development and adoption of a voluntary national system of skill standards and of assessment and certification of attainment of skill standards.” To carry out its mandate, NSSB is contracting with a variety of industry and research groups for projects to refine and test the voluntary skill standards system. The projects build upon the work completed by 22 organizations funded in 1992 and 1993 by the U.S. Departments of Labor and Education.

To guide this development work, the NSSB has developed 15 industry clusters or sectors that will provide the basic framework for developing skill standards in the future. Together these 15 clusters account for virtually all paid employment in the American economy and reflect a desire to conceive of workforce preparation much more broadly than the relatively narrow, occupationally-specific framework that has characterized vocational education and employment training.

Responding to the NSSB initiative as well as to other stimuli for programmatic change, many states have also begun reorganizing vocational education and other workforce preparation offerings under different rubrics of broadly defined career majors or clusters. To date, about 38 states have adopted some new form of industry clusters or career majors. While these state efforts typically use some of the categories developed by NSSB, few states have adopted the NSSB categories without modification, and there is considerable variation among states in the specific approach taken.

A critical issue, therefore, is whether the SST should be modified to reflect these new directions. While these trends are likely to have major implications for program definition, course specification, and curriculum content over the next decade, there is as yet no clear, relatively uniform structure that has emerged that would justify changing the SST at this time.

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<sup>1</sup>From the NSSB web page.

Consequently, it would be premature for the SST to adopt the NSSB taxonomy entirely. Some changes, however, appear to be appropriate, and the proposed SST contains new categories of Public and Protective Services (with a number of courses moved from the Social Studies, Humanities, and Other category), Personal and Other Services, Food Service and Hospitality, and Child Care and Education (including a number of courses moved from the Social Studies, Humanities, and Other category). These closely resemble some the NSSB clusters. Additionally, as displayed by Figure 3.11, it should not prove too difficult to “crosswalk” the revised SST to the NSSB framework.<sup>2</sup>

At this time, one additional change was made: the elimination of Occupational Home Economics as a discrete category and the assignment of these programs to existing occupational or industry clusters that more accurately reflect the purpose and content of these offerings. This category, which dates back at least to the late 1960s when it was used by the U.S. Office of Education to distinguish consumer and homemaking offerings from related programs that had paid employment as their primary objective (for example, a program training child care workers), is no longer used in most states. Rather, the course offerings have been organized under related industry occupational or industry clusters such as personal services, food services, or education. This practice communicates much more clearly the purpose and content of the particular program.

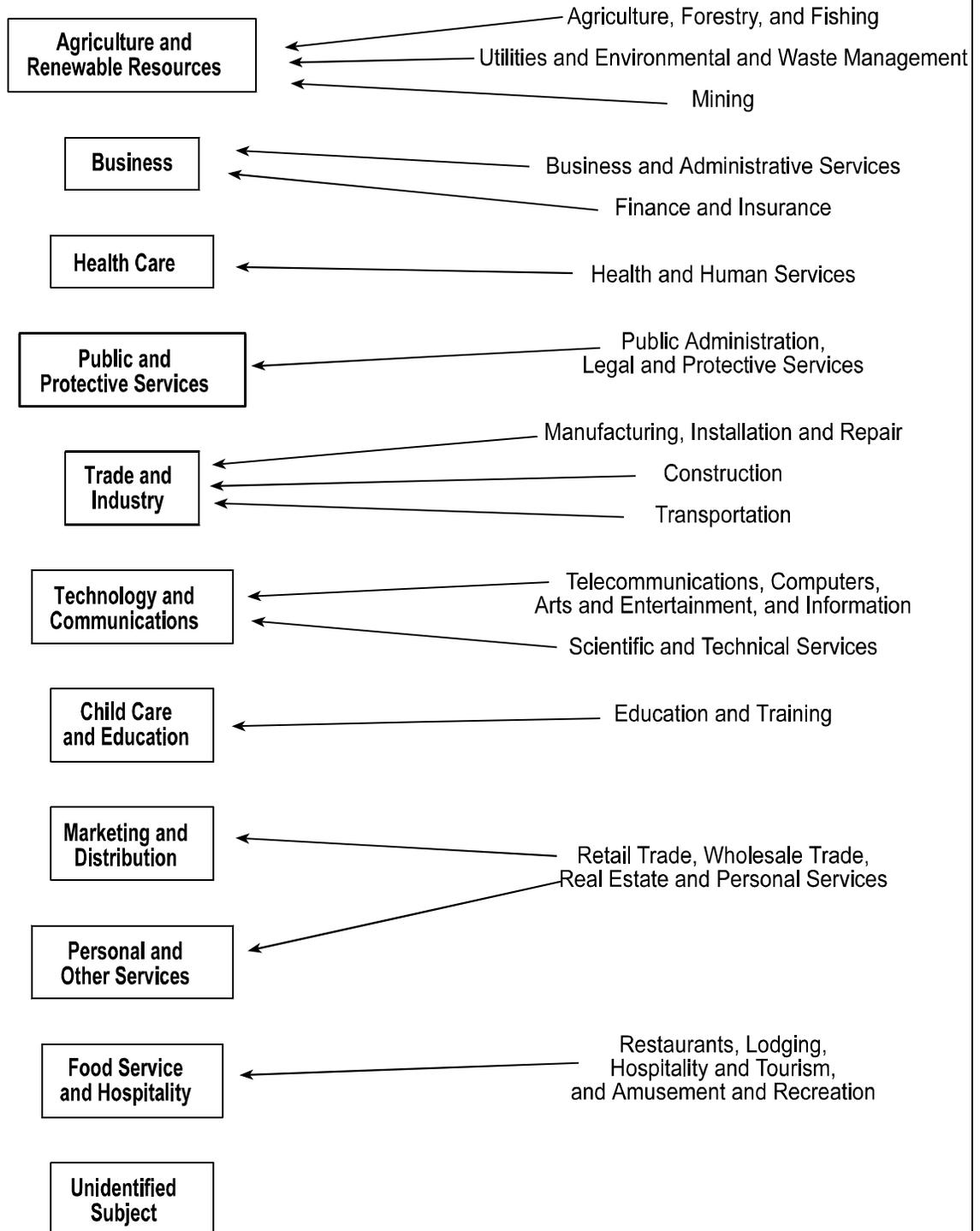
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<sup>2</sup>A related aside: within the SPEEDE effort, there are working groups to attend to the electronic interchange of information, and these categories very much reflect the working groups that have been developed.

**Figure 3.11—SST/NSSB Comparison**

**Secondary School Taxonomy  
Vocational Areas**

**National Skill Standards  
Board (NSSB) Clusters**



### *Addition of Technology Education*

Technology Education, as a field, has grown in the 1990s with a subsequent increase in coursework offered in middle and secondary schools. Technology Education aims to expose all students to technology and to develop a foundation and an understanding about technology in contemporary society: how technology works, the basic principles supporting it, and its uses and effects. The courses are not vocationally or occupationally oriented, nor do they have the same educational objectives as industrial arts courses. Most of the curriculum stemming from this movement is directed toward students in middle schools and in the 9th and 10th grades. In the original SST, technology education courses did not have a separate designation; analysts have placed these courses in Introductory Industrial Arts. However, this placement miscasts the intent of these courses. The revision adds Technology Education as a category within General Labor Market Preparation, correcting this placement and also enabling the growth of secondary technology education coursework to be monitored through future studies.

### **Enrichment/Other Expansion**

The third curriculum area of the SST contains Enrichment and Other courses: general skills courses typically taught as electives within secondary schools; health and physical education-related courses; religion and theology courses that are mainly found in private schools; and courses that provide an introduction to and exploration of military organization and training. Although the reviewers studied the descriptions of these courses to determine whether any should be moved to one of the other curriculum areas, all but 7 of the courses that were previously in this area remained there. The major change within this curriculum area involved the further separation of courses included in the General Skills subject area. This separation enables researchers to distinguish between courses providing Enrichment, such as a study dynamics or a mentorship class; courses providing Assistance, such as tutorial classes and dropout prevention programs; and Service courses, in which students are providing a service to either the school or the surrounding community. Although there was interest in separating physical education and health courses, this distinction could not be clearly drawn. Although sometimes offered as separate courses, health and physical education are often combined into one course in high school, and separating them would be difficult, if not impossible.

## **Special Education**

The fourth curriculum area, Special Education, originally contained all course codes designating courses designed for students who had Individual Education Plans or participate in special education programs. However, it was felt that as the taxonomy is based on content, not methodology, special education courses should be placed in one of the other curriculum areas where possible, within the appropriate subject areas. During the revision process, eighteen courses were moved from this curriculum area into specific subject areas and subcategories as warranted. The courses remaining in Special Education are those courses whose content is unspecified (for example, Self-Contained EH and Resource).

## **Changes Throughout the Taxonomy**

### *AP/IB Coursework*

Advanced Placement (AP) coursework, as developed by the College Board and International Baccalaureate (IB) coursework, as developed by the International Baccalaureate Office, are courses with defined and specific objectives that prepare students for AP and IB exams. Students passing these exams at certain levels of performance are eligible for college credit or advanced standing in many colleges and universities. Because of the desire to monitor and report the proportions of high school students earning credit in these specific types of advanced courses, it was necessary that they be separated from the other advanced and honors coursework offered in most of the nation's secondary schools. An AP/IB level was added to all the appropriate subcategories to capture these courses exclusive of any other coursework.

### *Nomenclature*

Several SST subject area, category, and subcategory names were changed to describe the coursework contained within them more appropriately. For example, *Non-English Languages* replaced *Foreign Language* as a subject area title. This replacement was the only change made to major subject area titles. *American Government and Politics* was changed to the more inclusive *Government and Politics*, given that the study of other political systems is also included within this category. *Visual Arts* replaced *Fine Arts and Crafts* within the Fine Arts subject area, to communicate that Dance and Theater Arts (the other two subcategories within the Fine Arts subject area) are also fine arts. In addition, *Drama* was changed to *Theater Arts* during the revision. The vocational area of *Consumer and Homemaking Education* was updated to *Family*

*and Consumer Sciences Education*. As SLMP categories within the vocational curriculum, *Health* became *Health Care* to more easily distinguish the coursework involving the health care profession from the health coursework that typically complements physical education, and *Technical and Communications* became *Technology and Communications*. Only two subcategory names were changed: *Business Services* replaced *Business Support* within the Business SLMP, and *Mechanics and Repair* replaced *Mechanics and Repairers* within the Trade and Industry SLMP. Lastly, *Enrichment/Other* is now the title of the curriculum previously called *Personal/Other*.

### *Movement of Individual Courses*

The need for revision stemmed not only from the desire to make SST divisions more useful for policy research but also from the perception that some courses were misplaced in the original SST. Major changes have already been discussed, but some individual courses were also moved based on a study of their CSSC code course description. Table 3.1 presents courses that were moved not as a result of changes to the SST structure or categories, but as a result of individual study of their descriptions. Most (but not all) of the changes concerned vocational coursework. A number of vocational courses moved from the specialty course category to 1st course or 2nd (or later) course categories based on the addition of CSSC codes. In the original development of the SST, vocational courses that were not part of an obvious sequence were placed in the Specialty course category. Some of these courses now have an “advanced” course that students can move up to. In developing the Child Care and Education, Food Service and Hospitality, and Personal and Other Services SLMP categories, a number of courses were shifted within the vocational curriculum. Lastly, a number of vocationally applied academic courses were moved from the vocational areas to the appropriate academic areas. Table 3.1 lists the course codes, titles, and the subject areas they were moved to and from, and is organized by the subject areas in which the courses are presently placed. The following table is only a subset of the changes that have taken place; Appendix C presents all 674 changes that were made during the revision.

**Table 3.1—Movement of Individual Codes During the Revision**

| <b>CSSC code and course titles</b>   | <b>Moved to:</b>                      | <b>Moved From:</b>             |
|--|---------------------------------------|--------------------------------|
| <b>Mathematics</b>   |                                       |                                |
| 27.9900 Mathematics, Other   | Gen. Math, Other                      | Adv Math (Pre-Calc)            |
| 27.0403 Algebra 1, Part 2  | Algebra I                             | Pre-Algebra                    |
| 27.0412 Analytic Geometry;<br>Geometry, Advanced   | Geometry                              | Adv Math (Pre-Calc)            |
| 1.0151 Agricultural Mathematics  | Occ-Rel Math, Reg.                    | GLMP, Other                    |
| 7.0171 Business Mathematics 1;<br>Business Arithmetic;<br>Career Computation 1                   | Occ-Rel Math, Reg.                    | GLMP, Other                    |
| 7.0172 Business Mathematics 2;<br>Business Arithmetic 2;<br>Career Computation 2                 | Occ-Rel Math, Reg.                    | GLMP, Other                    |
| 17.0651 Nurse's Mathematics  | Occ-Rel Math, Reg.                    | GLMP, Other                    |
| <b>Science</b>   |                                       |                                |
| 30.0121 Science Investigations;<br>Science Research<br>Techniques; Science<br>Study, Independent | Survey Science,<br>Spec Topics        | Survey Science, Basic          |
| 40.0900 Planetary Science, Other   | Survey Science,<br>Spec Topics        | Physics, Spec Topics           |
| 30.0100 Biological and Physical<br>Sciences, Other   | Survey Science,<br>Int/Unified Topics | Survey Science, Basic          |
| 40.0131 Chemistry and Physics<br>Laboratory Techniques   | Survey Science,<br>Int/Unified Topics | Chemistry, Basic               |
| 26.0132 Biology, General 2   | Biology, Adv/Hon                      | Biology, Regular               |
| 26.0622 Marine Biology 2; Marine<br>Biology, Advanced  | Biology, Spec Topics                  | Biology, Adv/Hon/AP            |
| 41.0211 Radioactivity  | Chemistry,<br>Spec Topics             | Survey Science,<br>Spec Topics |

**Table 3.1—Movement of Individual Codes During the Revision—continued**

| CSSC code and course titles                                | Moved to:                          | Moved From:                    |
|--|------------------------------------|--------------------------------|
| <b>English</b>   |                                    |                                |
| 23.0100 English, Other General                             | English Survey,<br>Language Skills | Engl Survey, Grd 12            |
| 23.0156 Vocational English                                 | English Survey,<br>Language Skills | GLMP, Other                    |
| 23.9900 Letters, Other                                     | English Survey,<br>Language Skills | Engl Survey, Grd 12            |
| 54.2201 Functional Oral<br>Communication                   | English Survey,<br>Language Skills | Speech                         |
| 54.2209 Functional Oral Commu-<br>nication, not for credit | English Survey,<br>Language Skills | Speech                         |
| 7.0411 Business English 1;<br>Business Communications      | Composition and<br>Writing         | GLMP, Other                    |
| 7.0412 Business English 2                                  | Composition and<br>Writing         | GLMP, Other                    |
| 7.0413 Business English 3                                  | Composition and<br>Writing         | Business Support,<br>1st crse  |
| 7.0414 Business English 4                                  | Composition and<br>Writing         | Business Support,<br>1st crse  |
| 23.0900 Rhetoric, Other                                    | Speech                             | Composition and<br>Writing     |
| <b>Social Studies</b>                                      |                                    |                                |
| 45.0609 American Labor History                             | American History,<br>Spec. Topics  | SS/Human/Other,<br>Spec Topics |
| 45.1033 Contemporary Issues,<br>Basic Skills               | Gov't & Politics,<br>Basic         | Amer. Hist., Basic             |
| 44.0300 International Public<br>Service, Other             | Gov't & Politics,<br>Spec. Topics  | SS/Human/Other,<br>Spec Topics |
| 45.0800 History, Other                                     | SS/Humanities/Other,<br>Reg.       | Amer. Hist., Reg.              |

**Table 3.1—Movement of Individual Codes During the Revision—continued**

| <b>CSSC code and course titles</b>   | <b>Moved to:</b>                   | <b>Moved From:</b>           |
|--|------------------------------------|------------------------------|
| <b>Fine Arts</b>   |                                    |                              |
| 50.0213 Crafts 9; Creative Crafts 9  | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0214 Crafts 10; Creative Crafts 10; Applied Art 10; Home Decorative Crafts 1                                    | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0215 Crafts 11; Creative Crafts 11; Applied Art 11; Home Decorative Crafts 2                                    | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0216 Crafts 12; Creative Crafts 12; Applied Art 12  | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0703 Art, General; Studio In Art; Fine Arts Studio; Studio Art Laboratory; Arts and Crafts Studio; Survey Media | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0704 Art 1; Art 9   | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0705 Art 2; Art 10  | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0706 Art 3; Art 11  | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| 50.0707 Art 4; Art 12  | Visual Arts,<br>Reg or Adv         | Fine Arts & Crafts,<br>Basic |
| <b>Non-English Languages</b>   |                                    |                              |
| 9.0811 Sign Language 1; Signing 1  | Non-English Lang—<br>Other, Year 1 | Personal/Other,<br>General   |
| 9.0821 Braille Communications  | Non-English Lang—<br>Other, Year 1 | Personal/Other,<br>General   |
| 9.0812 Sign Language 2; Signing 2  | Non-English Lang—<br>Other, Year 2 | Personal/Other,<br>General   |

**Table 3.1—Movement of Individual Codes During the Revision—continued**

| <b>CSSC code and course titles</b>                                     | <b>Moved to:</b>                  | <b>Moved From:</b>             |
|--|-----------------------------------|--------------------------------|
| <b>General Labor Market</b>  |                                   |                                |
| 55.5011 General Industrial Arts 1                                      | GLMP, Industrial Arts             | GLMP, Work Exp/<br>Career Expl |
| 55.5021 General Industrial Arts 2                                      | GLMP, Industrial Arts             | GLMP, Work Exp/<br>Career Expl |
| 55.5031 General Industrial Arts 3                                      | GLMP, Industrial Arts             | GLMP, Work Exp/<br>Career Expl |
| 55.0001 General Prevocational<br>Preparation                           | GLMP, Career Prep/<br>Work Exp    | SLMP, Unidentified             |
| 55.0401 Combined Vocational/<br>Academic Preparation                   | GLMP, Other                       | GLMP, Work Exp/<br>Career Expl |
| 55.0409 Combined<br>Vocational/Academic<br>Preparation, not for credit | GLMP, Other                       | GLMP, Work Exp/<br>Career Expl |
| <b>SLMP, Agriculture and Renewable Resources</b>                       |                                   |                                |
| 18.2400 Veterinary Medicine,<br>Other                                  | Agr/Renew Rsrcs,<br>Spec Crse     | Health, Spec crse              |
| 55.1411 Agricultural Work Study  | Agr/Renew Rsrcs,<br>Coop/Work Exp | GLMP, Work Exp/<br>Career Expl |
| <b>SLMP, Business</b>  |                                   |                                |
| 6.0121 Business Law  | Business Mgmt,<br>Spec. Crse      | Business Mgmt,<br>1st crse     |
| 6.0200 Accounting, Other   | Business Mgmt,<br>Spec. Crse      | Business Support,<br>Spec crse |
| 6.0511 Business Economics  | Business Mgmt,<br>Spec. Crse      | GLMP, Other                    |
| 7.0162 Office Machines,<br>Vocational                                  | Business Services,<br>1st Crse    | Business Support,<br>2nd crse  |
| 7.0241 Bank Data Entry<br>Occupations                                  | Business Services,<br>1st Crse    | Business Support,<br>Spec crse |
| 7.0371 Peripheral Computer<br>Operator                                 | Business Services,<br>1st Crse    | Business Support,<br>Spec crse |

**Table 3.1—Movement of Individual Codes During the Revision—continued**

| <b>CSSC code and course titles</b>   | <b>Moved to:</b>                      | <b>Moved From:</b>             |
|--|---------------------------------------|--------------------------------|
| <b>SLMP, Health Care</b>   |                                       |                                |
| 17.0521 Health Occupations 2;<br>Health Occupations<br>Training Medical Careers<br>Work Experience | Health, Coop/Work<br>Exp              | Health, 2nd crse               |
| 17.0621 Nursing, Introduction;<br>Nursing, Practical   | Health, 1st Crse                      | Health, Spec crse              |
| 17.0631 Nurse Aide and Orderly;<br>Nurse's Assistant; Patient<br>Care Technician                   | Health, 1st Crse                      | Health, Spec crse              |
| 20.0461 Dietetic Aide  | Health, Spec. Crse                    | Occ Home Econ,<br>Spec crse    |
| <b>SLMP, Public and Protective Services</b>  |                                       |                                |
| 43.0311 Security Guard   | Public/Protective<br>Srvcs, Spec Crse | Business Support,<br>Spec crse |
| <b>SLMP, Trade and Industry</b>  |                                       |                                |
| 15.0431 Computer-Assisted<br>Design/Drafting (CAD)   | Prec Prod'n<br>(Dr/Gr/Pr), 1st Crse   | Prec Prod'n, Spec crse         |
| 48.0231 Sign Painting 1; Lettering   | Prec Prod'n<br>(Dr/Gr/Pr), 1st Crse   | Prec Prod'n, Spec crse         |
| 48.0261 Copy Editing   | Prec Prod'n<br>(Dr/Gr/Pr), Spec Crse  | Prec Prod'n, 2nd crse          |
| <b>SLMP, Technology and Communications</b>   |                                       |                                |
| 11.0131 Computer Applications;<br>Computer Sciences 1  | Computer Tech.,<br>1st Crse           | Tech & Comm,<br>Spec crse      |
| 11.0261 LOGO, Introduction   | Computer Tech.,<br>1st Crse           | Tech & Comm,<br>Spec crse      |
| 11.0271 RPG Programming,<br>Introduction   | Computer Tech.,<br>1st Crse           | Tech & Comm,<br>Spec crse      |
| 11.0100 Computer and Information<br>Sciences, Other General  | Computer Tech.,<br>>=2 Crse           | Tech & Comm,<br>Spec crse      |
| 11.0132 Computer Applications,<br>Independent Study;<br>Computer Sciences 2                        | Computer Tech.,<br>>=2 Crse           | Tech & Comm,<br>Spec crse      |
| 11.0141 Computer Science,<br>Advanced Placement;<br>Computer Sciences 3                            | Computer Tech.,<br>>=2 Crse           | Tech & Comm,<br>Spec crse      |
| 9.0441 Yearbook Production 1;<br>Publications 1  | Communications<br>Tech., 1st Crse     | Personal/Other,<br>General     |

**Table 3.1—Movement of Individual Codes During the Revision—continued**

| <b>CSSC code and course titles</b>         |   | <b>Moved to:</b>                | <b>Moved From:</b>                  |
|--|---|---------------------------------|-------------------------------------|
| <b>SLMP, Technology and Communications</b> |   |                                 |                                     |
| 9.0442                                     | Yearbook Production 2; Publications 2   | Communications Tech., >=2 Crse  | Personal/Other, General             |
| 9.0100                                     | Communications, Other General   | Communications Tech., Spec Crse | SS/Human/Other, Spec Topics         |
| 9.0111                                     | Mass Media; Channels of Communications; Media Communications; Media and Persuasion; Media in Society; Media and Critical Thinking | Communications Tech., Spec Crse | SS/Human/Other, Spec Topics         |
| 9.0300                                     | Communications Research, Other  | Communications Tech., Spec Crse | SS/Human/Other, Spec Topics         |
| 9.0721                                     | Radio and Television Appreciation; Television and Taste   | Communications Tech., Spec Crse | SS/Human/Other, Spec Topics         |
| 9.9900                                     | Communications, Other   | Communications Tech., Spec Crse | SS/Human/Other, Spec Topics         |
| <b>SLMP, Personal Services</b>             |   |                                 |                                     |
| 55.4211                                    | Clothing and Textiles 1   | Personal Srvc, 1st Crse         | Consumer & Home-making Ed, 1st Crse |
| 55.4221                                    | Clothing and Textiles 2   | Personal Srvc, >=2 Crse         | Consumer & Home-making Ed, >=2 Crse |
| 20.0391                                    | Clothing Production Management  | Personal Srvc, Spec Crse        | Business Mgmt, Spec crse            |
| 55.4511                                    | Home Economics Work Experience 1  | Personal Srvc, Coop/Work Exp    | Consumer & Home-making Ed, >=2 Crse |
| 55.4521                                    | Home Economics Work Experience 2  | Personal Srvc, Coop/Work Exp    | Consumer & Home-making Ed, >=2 Crse |
| <b>SLMP, Food Service and Hospitality</b>  |   |                                 |                                     |
| 8.0611                                     | Food Marketing/ Distribution—Overview   | Food Service & Hosp, 1st Crse   | Marketing/Dist, 1st crse            |
| 8.0911                                     | Orientation to Hospitality Careers  | Food Service & Hosp, 1st Crse   | Marketing/Dist, 1st crse            |
| 8.0921                                     | Hospitality Sales 1   | Food Service & Hosp, 1st Crse   | Marketing/Dist, 1st crse            |
| 8.0922                                     | Hospitality Sales 2   | Food Service & Hosp, >=2 Crse   | Marketing/Dist, 2nd crse            |
| 6.0711                                     | Hotel and Motel Management  | Food Service & Hosp, Spec Crse  | Business Mgmt, Spec crse            |

**Table 3.1—Movement of Individual Codes During the Revision—continued**

| <b>CSSC code and course titles</b>        |   | <b>Moved to:</b>                  | <b>Moved From:</b>                      |
|---|---|-----------------------------------|---|
| <b>SLMP, Food Service and Hospitality</b> |   |                                   |   |
| 6.0712                                    | Hotel and Motel Training                        | Food Service & Hosp,<br>Spec Crse | Business Mgmt,<br>Spec crse             |
| 12.0200                                   | Entertainment Services,<br>Other                | Food Service & Hosp,<br>Spec Crse | Personal/Other, Health<br>& PE          |
| 20.0481                                   | Cafeteria Assistant; School<br>Food Service     | Food Service & Hosp,<br>Coop/Work | Occ Home Econ,<br>Spec crse             |
| <b>SLMP, Child Care and Education</b>     |   |                                   |   |
| 55.4111                                   | Child Development 1                             | Child Care & Educ,<br>1st Crse    | Consumer & Home-<br>making Ed, 1st Crse |
| 55.4121                                   | Child Development 2                             | Child Care & Educ,<br>>=2 Crse    | Consumer & Home-<br>making Ed, >=2 Crse |
| 25.0100                                   | Library and Archival<br>Sciences, Other General | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| 25.0111                                   | Library Science; Library<br>Skills              | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| 25.0200                                   | Archival Science, Other                         | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| 25.0300                                   | Library Assisting, Other                        | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| 25.0311                                   | Library Assistant; Library<br>Aide              | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| 25.0400                                   | Library Science, Other                          | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| 25.0500                                   | Museology, Other                                | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| 25.9900                                   | Library and Archival<br>Sciences, Other         | Child Care & Educ,<br>Spec Crse   | Business Support,<br>Spec crse          |
| <b>Enrichment/Other</b>                   |   |                                   |   |
| 24.0141                                   | Gifted and Talented<br>Program                  | Enrichment                        | SS/Human/Other,<br>Spec Topics          |
| 54.2401                                   | Functional Academics                            | Assistance                        | Engl Survey,<br>Remedial Engl           |
| 54.2409                                   | Functional Academics, not<br>for credit         | Assistance                        | Engl Survey,<br>Remedial Engl           |
| 54.4501                                   | Functional Social Skills                        | Assistance                        | SS/Human/Other,<br>Basic                |
| 54.4509                                   | Functional Social Skills,<br>not for credit     | Assistance                        | SS/Human/Other,<br>Basic                |

**Table 3.1—Movement of Individual Codes During the Revision—continued**

| <b>CSSC code and course titles</b>                   | <b>Moved to:</b>    | <b>Moved From:</b>             |
|--|---------------------|--------------------------------|
| <b>Enrichment/Other</b>                              |                     |                                |
| 56.3211 Resource Transitional Skills                 | Assistance          | GLMP, Work Exp/<br>Career Expl |
| 56.3219 Resource Transitional Skills, not for credit | Assistance          | GLMP, Work Exp/<br>Career Expl |
| 35.0131 Peer Counseling                              | Service             | Personal/Other, Health<br>& PE |
| 30.0200 Clinical Pastoral Care, Other                | Religion & Theology | SS/Human/Other,<br>Spec Topics |

**Changes Discussed but Not Made**

The professional work group wrestled extensively with the idea of levels and topical categories, as well as with the differences between a taxonomy based on content versus pedagogy. These issues apply throughout the taxonomy and throughout the revision process itself, but are possibly most evident within the Mathematics and Science subject areas. Essentially, the SST relies on course content to create distinctions between coursework; in other words, the content of a course determines whether it is placed in the academic or vocational curricula, into specific subject areas, and further into topical subcategories. Therefore, a subcategory such as “applied” created a true dilemma.

If a subcategory exists that purports to contain courses taught in an applied manner, by implication, courses outside of that category are “nonapplied.” However, as the movement to make academic courses more applied grows, increasingly courses are being taught using application of academic concepts to the workplace and to everyday situations and problems. For instance, algebra, physics, and biology can all be taught in an applied manner while covering the same exact content as a course taught in a more theoretical manner. The underlying research and policy question—whether there are differences among students who are taught using applied methodologies and those who are taught with a more conceptually based methodology—is important. However, the use of this taxonomy to answer that query is questionable. Describing a course (or a collection of courses) as “applied” becomes less and less helpful as more emphasis is placed on alternative methodologies and strategies.

The group talked at length about the possibility of adding extra flags on course codes to denote certain attributes of those courses. An “applied nature” was one such attribute; other opportunities included courses using service learning, courses that required work-based learning, bilingual education courses, and courses taught within a block schedule. Although the course itself would still be assigned an SST placement, the addition of flags would enable researchers to extract just those particular courses of interest and conduct analyses on them (or the students receiving credit in them). As an example of how this extra coding might be accomplished, the 1990 and 1994 High School Transcript Studies<sup>3</sup> included a series of six flags attached to each CSSC course code, indicating 1) the position of the course in a sequence, 2) whether the course was taught in English, 3) whether the course was remedial, regular, or honors, 4) if the course was a combination course, 5) where the course was taught, and 6) whether the course was taught in a specialized setting for disabled students. In the Pilot SNCC system, flags are embedded as part of the course code.

The convened professionals recognized, however, the limitations of the information received from a course catalog. Although some course synopses provide descriptions of course content, fewer provide specific objectives and very rarely characterize the teaching methodology or pedagogy. Instructors teaching the “same class” within a single school may cover the same content in very different fashions. Additional enrichment opportunities available from connections to other classes, the workplace, or the community at large are not always discernible from simple course descriptions.

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<sup>3</sup>Although separate, these studies were conducted in conjunction with the National Assessment of Educational Progress (NAEP).

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## **Chapter 4**

### **Revised SST (CSSC-filled)**

#### **Explanation of the Classification of Secondary School Courses (CSSC)**

The Classification of Secondary School Courses (CSSC) was designed in 1982 for the High School and Beyond study using course catalogs from 52 secondary schools in 24 states. Over time, changes have been made to it in order to accommodate new courses that have appeared in transcript data collected since then. The structure of the CSSC emanates from the Classification of Instructional Programs (CIP), which outlines and briefly describes instructional programs at all education levels (elementary, secondary, and postsecondary). The CSSC is an organized list of approximately 2,180 secondary school course titles; codes are assigned to courses (as understood by course catalog descriptions) based on the CIP program description, main and alternate course titles, and a few keyword descriptors. Four of the six digits of a CSSC code stem from the CIP description, while the last two digits more closely identify the specific course.

#### **Problems Encountered**

##### *“Duplicate” codes*

Eighteen CSSC codes and corresponding titles could be placed in either of two revised SST categories, mostly due to the addition of the Co-op/Work Experience and AP/IB categories. The vast majority of vocational courses that included cooperative education, work experience, or work study in their titles were specifically co-op or work experience courses. These courses were moved during the revision from the SLMP 2nd (or later) subcategories to the appropriate Co-op/Work Experience subcategories. Ambiguity existed in the case of four course codes. Decisions concerning these courses were based on descriptors when they existed, and on main titles when the descriptors were absent. A Health Care course (17.0521: Health Occupations 2; Health Occupations Training; Medical Careers Work Experience) and a Graphic Arts course (48.0223: Graphic Arts 3; Printing Production, Cooperative) were moved, while two Agriculture and Renewable Resources courses (1.0662: Horticulture Mechanics II; Horticulture Mechanics—Cooperative Education and 2.0272: Small Animal Production II; Small Animal Production—Cooperative Education) were not.

All of the *current* CSSC codes that denote coursework that may include AP-level curriculum have been placed in the Advanced/Honors subcategories because the current codes are not AP-specific. In other words, courses in transcript databases that have already been coded with current codes may be either honors courses or AP courses. Therefore, researchers should remember when using the revised SST with old datasets that AP coursework will be undercounted. Westat is in the process of constructing new CSSC codes and course descriptions that will denote AP and IB coursework exclusively. Only these courses, clearly specified as AP or IB, will be placed in the revised SST AP/IB categories. In the CSSC-filled SST in this chapter, the AP courses that will be given new CSSC codes are marked with a double asterisk.

### *Codes not available*

New CSSC course codes must be developed for the coding of future transcript data that make a clear distinction between AP coursework and other honors coursework (for example, Chemistry 2; Physics, Honors; and Honors Biology 2). Certainly, not all upper level advanced or honors coursework follows the College Board's guidelines for AP curricula or prepares students for the AP examinations. Any student (in theory) can take an AP exam, even without enrolling in an AP class; however, the classification should clearly set apart courses designed to reflect the College Board objectives from those that are not. In addition, more than one AP course exists within many subject areas (for example, Microeconomics and Macroeconomics). Although not a concern of the SST (since both AP courses would belong in the AP subcategory), the CSSC does need to reflect the additional development of these courses. IB courses also need to be reflected in the CSSC; there are 22 IB examinations, each with a suggested course curriculum.

### **SST with CSSC codes**

The version of the SST that follows is complete with codes and titles from the CSSC. As mentioned, AP and IB courses that will be given new CSSC codes and descriptions have a double asterisk where their codes would normally be. Other course titles that need CSSC coding are followed by a 1 enclosed within parentheses. Lastly, several CSSC codes that are no longer used are included in the following SST, but are struck through. Although these codes have been retired, they may appear within old transcript data sets and therefore need a place within the taxonomy.

## **1: ACADEMIC CURRICULUM**

### **1\_1: Mathematics**

#### **1\_11: General Mathematics**

##### **1\_11A: General Mathematics, ESE/Functional**

|  |         |
|--|---------|
| Mathematics EMH                        | 52.0102 |
| Mathematics EH                         | 52.0204 |
| Mathematics DEAF                       | 52.0302 |
| Functional Math Skills, not for credit | 54.1009 |
| Special Education Math                 | 56.2700 |
| Resource General Math                  | 56.2701 |
| Resource General Math, not for credit  | 56.2709 |

##### **1\_11B: General Mathematics, Basic**

|   |         |
|---|---------|
| <del>Competency Mathematics; Mathematics Lab; Mathematics, Basic; Mathematics, Essentials; Mathematics, Remedial; Arithmetic Review</del> | 27.0105 |
| Basic Math 1  | 27.0601 |
| Basic Math 2  | 27.0602 |
| Basic Math 3  | 27.0603 |
| Basic Math 4  | 27.0604 |

##### **1\_11C: General Mathematics, Regular**

|  |         |
|--|---------|
| Mathematics, Other General   | 27.0100 |
| Mathematics 7  | 27.0101 |
| Mathematics 7, Accelerated   | 27.0102 |
| Mathematics 8  | 27.0103 |
| Mathematics 1, General; Mathematics 1, Applied; Computational Skills 1 | 27.0106 |
| Mathematics 2, General; Mathematics 2, Applied; Computational Skills 2 | 27.0107 |
| Mathematics Tutoring   | 27.0113 |
| General Math Skills  | 54.1001 |

##### **1\_11D: General Mathematics, Other**

|   |         |
|---|---------|
| Mathematics in the Arts; Mathematics as a Liberal Art; History of Mathematics | 27.0109 |
| Mathematics, Other  | 27.9900 |

### **1\_12: Consumer Mathematics**

#### **1\_12A: Consumer Mathematics, ESE/Functional**

|  |         |
|--|---------|
| Functional Consumer Math                 | 54.1101 |
| Functional Consumer Math, not for credit | 54.1109 |
| Resource Consumer Math                   | 56.2721 |
| Resource Consumer Math, not for credit   | 56.2729 |

#### **1\_12B: Consumer Mathematics, Regular**

|   |         |
|---|---------|
| Science Mathematics                               | 27.0108 |
| Consumer Mathematics; Mathematics Survival Skills | 27.0114 |

### **1\_13: Pre-Algebra**

|   |         |
|---|---------|
| Mathematics 8, Accelerated  | 27.0104 |
| Pre-Algebra; Algebra Skills; Algebra, Principles; Algebra, Introduction; Algebra, Basic; Algebra, Practical | 27.0401 |
| Algebra 1, Part 1   | 27.0402 |

### **1\_14: Algebra 1**

|                                |         |
|--------------------------------|---------|
| Algebra 1, Part 2              | 27.0403 |
| Algebra 1; Algebra, Elementary | 27.0404 |

|   |         |
|---|---------|
| <b>1_15: Geometry</b>   |         |
| Geometry, Plane   | 27.0406 |
| Geometry, Solid   | 27.0407 |
| Geometry  | 27.0408 |
| Geometry, Informal; Geometry, Physical; Geometry, Intuitive; Geometry, Practical;<br>Geometric Design; Geometry, Occupational                         | 27.0409 |
| Analytic Geometry; Geometry, Advanced   | 27.0412 |
| Geometry, Part 1 (Geom 1 taught over 2 yrs; 1st year full credit)   | 27.0425 |
| Geometry, Part 2 (Geom 1 taught over 2 yrs; 2nd year full credit)   | 27.0426 |
| <b>1_16: Algebra 2 through Pre-Calculus</b>   |         |
| Algebra 2; Algebra, Intermediate  | 27.0405 |
| Algebra 3; Algebra, Advanced; Mathematics, Advanced; Algebra, College;<br>Algebraic Systems   | 27.0410 |
| Trigonometry  | 27.0411 |
| Trigonometry and Solid Geometry   | 27.0413 |
| Algebra and Trigonometry  | 27.0414 |
| Algebra and Analytic Geometry   | 27.0415 |
| Pre-Calculus; Analysis, Introductory; Mathematical Analysis; Elementary<br>Functions; Limits and Functions; Analysis, Elementary                      | 27.0416 |
| <b>1_17: Advanced Mathematics</b>   |         |
| <b>1_17A: Advanced Mathematics, Calculus</b>  |         |
| Calculus and Analytic Geometry  | 27.0418 |
| Calculus  | 27.0419 |
| Calculus, Advanced Placement; Mathematics, Advanced Placement; Mathematics,<br>Honors   | 27.0420 |
| <b>1_17B: Advanced Mathematics, AP/IB</b>   |         |
| AP Calculus AB  | **      |
| AP Calculus BC  | **      |
| AP Statistics   | **      |
| IB Mathematics; IB Mathematical Studies   | **      |
| <b>1_17C: Advanced Mathematics, Other</b>   |         |
| Mathematics Review; SAT Mathematics; Senior Math  | 27.0112 |
| Actuarial Sciences, Other   | 27.0200 |
| Pure Mathematics, Other   | 27.0400 |
| Linear Algebra; Matrix Algebra; Algebra, Honors   | 27.0417 |
| Mathematics, Independent Study; Mathematics Strategies; Mathematics Topics;<br>Mathematics, Competitive; Mathematics, Enrichment; Mathematics Seminar | 27.0424 |
| Statistics, Other   | 27.0500 |
| Statistics  | 27.0511 |
| Probability   | 27.0521 |
| Probability and Statistics  | 27.0531 |
| <b>1_18: Unified Mathematics</b>  |         |
| Mathematics 1, Unified  | 27.0421 |
| Mathematics 2, Unified  | 27.0422 |
| Mathematics 3, Unified  | 27.0423 |
| Unified Math 1, Part 1 (Unif Math taught over 2 yrs; 1st year full credit)  | 27.0427 |
| Unified Math 1, Part 2 (Unif Math taught over 2 yrs; 2nd year full credit)  | 27.0428 |

**1\_19: Occupationally-Related Mathematics****1\_19A: Occupationally-Related Mathematics, ESE/Functional**

|  |         |
|--|---------|
| Functional Vocational Math                 | 54.1201 |
| Functional Vocational Math, not for credit | 54.1209 |
| Resource Vocational Math                   | 56.2711 |
| Resource Vocational Math, not for credit   | 56.2719 |

**1\_19B: Occupationally-Related Mathematics, Regular**

|  |                    |
|--|--------------------|
| Agricultural Mathematics   | 1.0151             |
| Business Mathematics 1; Business Arithmetic; Career Computation 1  | 7.0171             |
| Business Mathematics 2; Business Arithmetic 2; Career Computation 2  | 7.0172             |
| Nurse's Mathematics  | 17.0651            |
| Mathematics, Vocational; Shop Mathematics; Mathematics for Trade and Industry;<br>Mathematics for Employment | 27.0110            |
| Technical Mathematics  | 27.0111            |
| Applied Mathematics, Other   | 27.0300            |
| <del>Mathematics for Employment; Work Experience Mathematics</del>   | <del>32.0108</del> |

**1\_2: Science****1\_21: Survey Science****1\_21A: Survey Science, Basic**

|   |         |
|---|---------|
| Science, Basic; Science, General; Science Ideas; Science Workshop; Science,<br>Applied; Physical and Life Science; Science, Unified | 30.0111 |
| Science EMH   | 52.0104 |
| Science EH  | 52.0205 |
| Science DEAF  | 52.0303 |
| Functional Science  | 54.4001 |
| Functional Science, not for credit  | 54.4009 |
| Special Education General Science   | 56.4000 |
| Resource General Science  | 56.4001 |
| Resource General Science, not for credit  | 56.4009 |

**1\_21B: Survey Science, Specialized Topics**

|   |         |
|---|---------|
| College Pre-Science Skills  | 30.0112 |
| Science Investigations; Science Research Techniques; Science Study, Independent | 30.0121 |
| Oceanography  | 40.0711 |
| Planetary Science, Other  | 40.0900 |

**1\_21C: Survey Science, Integrated/Unified Topics**

|   |         |
|---|---------|
| Biological and Physical Sciences, Other             | 30.0100 |
| Chemistry and Physics Laboratory Techniques         | 40.0131 |
| Applied Biology/Chemistry (CORD)                    | (1)     |
| Unified Science 1 (vert. integ., taught over 3 yrs) | (1)     |
| Unified Science 2 (vert. integ., taught over 3 yrs) | (1)     |
| Unified Science 3 (vert. integ., taught over 3 yrs) | (1)     |

**1\_22: Biological Science****1\_22A: Biological Science, Basic**

|   |         |
|---|---------|
| Life Science 7; Science 7   | 26.0111 |
| Biology, Basic 1; Life Science; Biology, Essentials; Biology, Patterns; Natural<br>Science; Biology, Functional | 26.0121 |
| Biology, Basic 2  | 26.0122 |

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|---|---------|
| <b>1_22B: Biological Science, Regular</b>                                   |         |
| Biology, Other General  | 26.0100 |
| Biology, General 1; Biology; Biology, Regents; Biology, Introductory        | 26.0131 |
| <b>1_22C: Biological Science, Adv. &amp; Honors</b>                         |         |
| Biology, General 2  | 26.0132 |
| Biology, Honors 1 (prev also Biology, College Preparatory)                  | 26.0141 |
| Biology, Advanced; College Biology; Advanced Placement Biology; Honors      | 26.0142 |
| Physiology, Advanced  | 26.0752 |
| <b>1_22D: Biological Science, Specialized Topics</b>                        |         |
| Field Biology; Biology, Regional  | 26.0151 |
| Genetics  | 26.0161 |
| Biopsychology   | 26.0171 |
| Biology Seminar; Biology, Independent Study                                 | 26.0181 |
| Biochemistry and Biophysics, Other  | 26.0200 |
| Biochemistry  | 26.0211 |
| Botany, Other   | 26.0300 |
| Botany; Plants and People; Trees and Shrubs, Local                          | 26.0311 |
| Cell and Molecular Biology, Other   | 26.0400 |
| Cell Biology  | 26.0411 |
| Microbiology, Other   | 26.0500 |
| Microbiology; Bacteriology  | 26.0511 |
| Miscellaneous Specialized Areas, Life Sciences, Other                       | 26.0600 |
| Ecology   | 26.0611 |
| Marine Biology; Marine Studies; Biology, Aquatic                            | 26.0621 |
| Marine Biology 2; Marine Biology, Advanced                                  | 26.0622 |
| Anatomy   | 26.0631 |
| Zoology, Other  | 26.0700 |
| Zoology   | 26.0711 |
| Zoology, Vertebrate   | 26.0721 |
| Zoology, Invertebrate   | 26.0731 |
| Animal Behavior   | 26.0741 |
| Anatomy and Physiology; Physiology, Human; Human Biology                    | 26.0751 |
| Pathology; Health Biology   | 26.0761 |
| Comparative Embryology  | 26.0771 |
| Life Sciences, Other  | 26.9900 |
| <b>1_22E: Biological Science, AP/IB</b>                                     |         |
| AP Biology  | **      |
| IB Biology  | **      |
| <b>1_23: Chemistry</b>  |         |
| <b>1_23A: Chemistry, Basic</b>  |         |
| Chemistry Concepts; Chemistry, Fundamentals; Chemistry, Introductory;       |         |
| Chemistry, General; Chemistry, Interdisciplinary                            | 40.0511 |
| Consumer Chemistry; Chemistry, Applied                                      | 40.0551 |
| <b>1_23B: Chemistry, Regular</b>  |         |
| Chemistry 1; Chemistry, College Preparatory; Chemistry, Regents; Chem Study | 40.0521 |
| <b>1_23C: Chemistry, Adv. &amp; Honors</b>                                  |         |
| Chemistry 2; Chemistry, Advanced; Chemistry, Advanced Placement             | 40.0522 |

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| <b>1_23D: Chemistry, Specialized Topics</b>                                |         |
| Chemistry, Other   | 40.0500 |
| Organic Chemistry; Organic Biochemistry                                    | 40.0531 |
| Physical Chemistry   | 40.0541 |
| Chemistry, Independent Study   | 40.0561 |
| Radioactivity  | 41.0211 |
| <b>1_23E: Chemistry, AP/IB</b>   |         |
| AP Chemistry   | **      |
| IB Chemistry   | **      |
| <b>1_24: Physics</b>   |         |
| <b>1_24A: Physics, Basic</b>   |         |
| Physics Concepts; Physics, Applied; Physics, General                       | 40.0811 |
| <b>1_24B: Physics, Regular</b>   |         |
| Physics 1; Physics, College; Physics, Regents                              | 40.0821 |
| Principals of Technology (I and II)  | (1)     |
| <b>1_24C: Physics, Adv. &amp; Honors</b>                                   |         |
| Physics 2; Physics, Advanced; Physics, Advanced Placement; Physics, Honors | 40.0822 |
| Physics 2 without Calculus   | 40.0831 |
| <b>1_24D: Physics, Specialized Topics</b>                                  |         |
| Astronomy, Other   | 40.0200 |
| Astronomy  | 40.0211 |
| Astrophysics, Other  | 40.0300 |
| Atmospheric Sciences and Meteorology, Other                                | 40.0400 |
| Meteorology  | 40.0411 |
| Physics, Other   | 40.0800 |
| Electricity and Electronics Science; Electronics Science                   | 40.0841 |
| Acoustics; Physics of Sound  | 40.0851 |
| Rocketry and Space Science; Space Science                                  | 40.0911 |
| <b>1_24E: Physics, AP/IB</b>   |         |
| AP Physics B   | **      |
| AP Physics C   | **      |
| IB Physics   | **      |
| <b>1_25: Earth Science</b>   |         |
| <b>1_25A: Earth Science, Basic</b>   |         |
| <b>1_25B: Earth Science, Regular</b>                                       |         |
| Earth Science; Earth Science 9; Earth Science, General                     | 40.0611 |
| Geology  | 40.0631 |
| Mineralogy   | 40.0641 |
| <b>1_25C: Earth Science, Adv. &amp; Honors</b>                             |         |
| Earth Science, College Preparatory   | 40.0621 |
| <b>1_25D: Earth Science, Specialized Topics</b>                            |         |
| Geological Sciences, Other   | 40.0600 |
| Geology—Field Studies  | 40.0632 |
| <b>1_26: Physical Science</b>  |         |
| <b>1_26A: Physical Science, Basic</b>                                      |         |
| Physical Science 8; Science 8  | 40.0111 |
| Physical Science, Applied  | 40.0141 |

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| <b>1_26B: Physical Science, Regular</b>            |         |
| Physical Sciences, Other General                   | 40.0100 |
| Physical Science; Science 9; Chemistry and Physics | 40.0121 |
| Miscellaneous Physical Sciences, Other             | 40.0700 |
| Physical Sciences, Other                           | 40.9900 |
| <b>1_26C: Physical Science, Adv. &amp; Honors</b>  |         |
| <b>1_26D: Physical Science, Specialized Topics</b> |         |
| <b>1_27: Engineering</b>                           |         |
| Engineering, Other General                         | 14.0100 |
| Orientation to Engineering; Pre-Engineering        | 14.0111 |
| Aerospace, Aeronautical, and Astronautical, Other  | 14.0200 |
| Aerospace Materials                                | 14.0211 |
| Aerospace Engineering Design                       | 14.0221 |
| Agricultural Engineering, Other                    | 14.0300 |
| Architectural Engineering, Other                   | 14.0400 |
| Strength of Materials—Architectural                | 14.0411 |
| Bioengineering and Biomedical Engineering, Other   | 14.0500 |
| Ceramic Engineering, Other                         | 14.0600 |
| Chemical Engineering, Other                        | 14.0700 |
| Civil Engineering, Other                           | 14.0800 |
| Computer Engineering, Other                        | 14.0900 |
| Electrical, Electronics, and Communications, Other | 14.1000 |
| Engineering Mechanics, Other                       | 14.1100 |
| Engineering Physics, Other                         | 14.1200 |
| Instrumentation Physics 1                          | 14.1211 |
| Instrumentation Physics 2                          | 14.1212 |
| Instrumentation Physics 3                          | 14.1213 |
| Instrumentation Physics 4/Advanced Placement       | 14.1214 |
| Engineering Science, Other                         | 14.1300 |
| Environmental Health Engineering, Other            | 14.1400 |
| Geological Engineering, Other                      | 14.1500 |
| Geophysical Engineering, Other                     | 14.1600 |
| Industrial Engineering, Other                      | 14.1700 |
| Materials Engineering, Other                       | 14.1800 |
| Mechanical Engineering, Other                      | 14.1900 |
| Strength of Materials—Mechanical Technology        | 14.1911 |
| Metallurgical Engineering, Other                   | 14.2000 |
| Metallurgy/Powder Metal Basics                     | 14.2011 |
| Mining and Mineral Engineering, Other              | 14.2100 |
| Naval Architecture and Marine Engineering, Other   | 14.2200 |
| Nuclear Engineering, Other                         | 14.2300 |
| Ocean Engineering, Other                           | 14.2400 |
| Petroleum Engineering, Other                       | 14.2500 |
| Surveying and Mapping Sciences, Other              | 14.2600 |
| Cartography/Map Making                             | 14.2611 |
| Systems Engineering, Other                         | 14.2700 |
| Textile Engineering, Other                         | 14.2800 |

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| Engineering, Other   | 14.9900            |
| Engineering and Other Disciplines, Other   | 30.0300            |
| Engineering Concepts   | 30.0311            |
| Aerospace Science  | 40.1011            |
| <b>1_3: English</b>  |                    |
| <b>1_31: English Survey</b>  |                    |
| <b>1_31A: English Survey, Language Skills</b>  |                    |
| English, Other General   | 23.0100            |
| Vocational English   | 23.0156            |
| Vocabulary; Fun With Words; College Vocabulary Skill Building; Word Power  | 23.0404            |
| Spelling   | 23.0405            |
| Etymology; Wordsearch; Word Clues  | 23.0412            |
| Word Study—Remedial  | 23.0415            |
| Reading Development 1; Reading Improvement; Remedial Reading; Reading Skills;<br>Chapter I Reading; Reading Fundamentals; Corrective Reading | 23.1211            |
| Reading Development 2  | 23.1212            |
| Reading Development 3  | 23.1213            |
| Reading Development 4  | 23.1214            |
| Letters, Other   | 23.9900            |
| <del>Reading Development 1; Reading Improvement; Reading, Remedial</del>   | <del>32.0109</del> |
| <del>Reading Development 2</del>   | <del>32.0110</del> |
| <del>Speech, Developmental</del>   | <del>32.0112</del> |
| <del>Language, Developmental</del>   | <del>32.0113</del> |
| <del>Voice, Developmental</del>  | <del>32.0114</del> |
| <del>Word Study, Remedial</del>  | <del>32.0115</del> |
| <del>English, Personal; English, Functional; Career Communications; Minimum-<br/>Standards Review</del>                                      | <del>32.0118</del> |
| English/Language Arts EMH  | 52.0103            |
| English/Language Arts EH   | 52.0203            |
| English/Language Arts DEAF   | 52.0301            |
| Functional Vocational English  | 54.2051            |
| Functional Vocational English, not for credit  | 54.2059            |
| Functional Reading   | 54.2101            |
| Functional Reading, not for credit   | 54.2109            |
| Functional Oral Communication  | 54.2201            |
| Functional Oral Communication, not for credit  | 54.2209            |
| Special Education Language Arts  | 56.2300            |
| Resource Language Arts/English, not for credit   | 56.2309            |
| Special Education Reading  | 56.2310            |
| Resource Reading   | 56.2311            |
| Resource Reading, not taken for credit   | 56.2319            |
| Special Education Writing  | 56.2320            |
| Resource Writing   | 56.2321            |
| Resource Writing, not for credit   | 56.2329            |

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| <b>1_31B: English Survey, Grades 7 &amp; 8</b>  |         |
| English 7   | 23.0101 |
| English 7, Above Grade Level; English 7, Honors   | 23.0102 |
| English 8, Below Grade Level  | 23.0103 |
| English 8; English 8, Average   | 23.0104 |
| English 8, Above Grade Level; English 8, Honors   | 23.0105 |
| Grammar 7; Language Structure 7   | 23.0406 |
| Grammar 8; Language Structure 8   | 23.0407 |
| <b>1_31C: English Survey, ESE/Functional</b>  |         |
| <b>1_31C1: English Survey, ESE/Functional, Grade 9</b>  |         |
| Functional English 1; Correlated Language Arts 1  | 23.1311 |
| Functional Language Arts 1  | 54.2011 |
| Functional Language Arts 1, not for credit  | 54.2019 |
| Developmental English 1/Resource ESE AAP English 1  | 56.2301 |
| <b>1_31C2: English Survey, ESE/Functional, Grade 10</b>   |         |
| Functional English 2; Correlated Language Arts 2  | 23.1312 |
| Functional Language Arts 2  | 54.2021 |
| Functional Language Arts 2, not for credit  | 54.2029 |
| Developmental English 2/Resource ESE AAP English 2  | 56.2302 |
| <b>1_31C3: English Survey, ESE/Functional, Grade 11</b>   |         |
| Functional English 3; Correlated Language Arts 3  | 23.1313 |
| Functional Language Arts 3  | 54.2031 |
| Functional Language Arts 3, not for credit  | 54.2039 |
| Developmental English 3/Resource ESE AAP English 3  | 56.2303 |
| <b>1_31C4: English Survey, ESE/Functional, Grade 12</b>   |         |
| Functional English 4; Correlated Language Arts 4; Minimum Standards Review;<br>Personal and Career Communications   | 23.1314 |
| Functional Language Arts 4  | 54.2041 |
| Functional Language Arts 4, not for credit  | 54.2049 |
| Developmental English 4/Resource ESE AAP English 4  | 56.2304 |
| <b>1_31D: English Survey, Basic</b>   |         |
| <b>1_31D1: English Survey, Basic, Grade 9</b>   |         |
| English 1, Below Grade Level; English 9, Basic; Communication Skills, Non<br>English Skills 1 for Visually Impaired | 23.0106 |
|   | 23.0161 |
| <b>1_31D2: English Survey, Basic, Grade 10</b>  |         |
| English 2, Below Grade Level; English 10, Basic   | 23.0109 |
| English Skills 2 for Visually Impaired  | 23.0162 |
| <b>1_31D3: English Survey, Basic, Grade 11</b>  |         |
| English 3, Below Grade Level; English 11, Basic   | 23.0112 |
| English Skills 3 for Visually Impaired  | 23.0163 |
| <b>1_31D4: English Survey, Basic, Grade 12</b>  |         |
| English 4, Below Grade Level; English 12, Basic   | 23.0115 |
| English Skills 4 for Visually Impaired  | 23.0164 |
| <b>1_31E: English Survey, Regular</b>   |         |
| <b>1_31E1: English Survey, Regular, Grade 9</b>   |         |
| English 1; English 9, Average   | 23.0107 |
| Grammar 9; Language Structure 9   | 23.0408 |

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| <b>1_31E2: English Survey, Regular, Grade 10</b>   |         |
| English 2; English 10, Average   | 23.0110 |
| Grammar 10; Language Structure 10; Grammar Review 10, College Preparation                                      | 23.0409 |
| <b>1_31E3: English Survey, Regular, Grade 11</b>   |         |
| English 3; English 11, Average   | 23.0113 |
| Grammar 11; Language Structure 11; Grammar Review 11, College Preparation                                      | 23.0410 |
| <b>1_31E4: English Survey, Regular, Grade 12</b>   |         |
| English 4; English 12, Average   | 23.0116 |
| Grammar 12; Language Structure 12; Grammar Review 12, College Preparation;<br>English SAT Preparation          | 23.0411 |
| <b>1_31F: English Survey, Advanced and Honors</b>  |         |
| <b>1_31F1: English Survey, Adv. &amp; Honors, Grade 9</b>  |         |
| English 1, Honors; English 9, Honors   | 23.0108 |
| <b>1_31F2: English Survey, Adv. &amp; Honors, Grade 10</b>   |         |
| English 2, Honors; English 10, Honors  | 23.0111 |
| <b>1_31F3: English Survey, Adv. &amp; Honors, Grade 11</b>   |         |
| English 3, Honors; English 11, Honors  | 23.0114 |
| <b>1_31F4: English Survey, Adv. &amp; Honors, Grade 12</b>   |         |
| English 4, Honors; English 12, Honors; English, Advanced Placement   | 23.0117 |
| <b>1_31G: English Survey, AP/IB</b>  |         |
| AP English Language and Composition  | **      |
| AP English Literature and Composition  | **      |
| IB Language A (English)  | **      |
| <b>1_32: Literature</b>  |         |
| World Literature; Modern Classical Literature  | 23.0118 |
| Renaissance Literature; Man In a New World   | 23.0119 |
| Romanticism; Man and Nature  | 23.0120 |
| Realism  | 23.0121 |
| Literature, Contemporary; Contemporary Fiction; Twentieth Century Literature; Big<br>Books of the 20th Century | 23.0122 |
| Irish Literature   | 23.0123 |
| Russian Literature   | 23.0124 |
| Bible as Literature; Literature of the Bible   | 23.0125 |
| Mythology and Folklore; Mythology and Fable; Heroes, Gods and Monsters   | 23.0126 |
| Drama, Introduction  | 23.0127 |
| World Drama  | 23.0128 |
| Plays, Modern Survey   | 23.0129 |
| Novels   | 23.0130 |
| Short Story; Short Fiction; Short Narrative  | 23.0131 |
| Mysteries  | 23.0132 |
| Poetry   | 23.0133 |
| Rock Poetry  | 23.0134 |
| Humor; American Humor; Let's Laugh   | 23.0135 |
| Biography; Autobiography; Famous Personalities   | 23.0136 |
| Non Fiction  | 23.0137 |
| Science Fiction; Fiction and Fantasy; Literature of the Mysterious   | 23.0138 |
| Themes in Literature; War and Peace; Modern Journalistic Literature  | 23.0139 |
| Literature of Human Values   | 23.0140 |
| Ethnic Literature; Minority Literature   | 23.0141 |

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|---|---------|
| Woman In Literature   | 23.0142 |
| Sports Through Literature   | 23.0143 |
| Occult Literature; Supernatural Literature  | 23.0144 |
| Protest Literature  | 23.0145 |
| Youth and Literature; Adolescent Fiction; Books and the Teenage Reader  | 23.0146 |
| Heroes  | 23.0147 |
| Utopias   | 23.0148 |
| Death   | 23.0149 |
| Nobel Prize Authors   | 23.0150 |
| Seminar on an Author  | 23.0151 |
| English, Real Life Problem Solving  | 23.0152 |
| Reading, Independent Study (prev incl. titles now under 23.1216)  | 23.0153 |
| Research Technique; Writing and Research; Research Process; College Writing;  |         |
| Research Paper; Research and Writing the Term Paper   | 23.0154 |
| Children's Literature & Fantasy   | 23.0155 |
| Classics, Other   | 23.0200 |
| Mythological Literature, Greek and Roman Classical Mythology  | 23.0211 |
| Comparative Literature, Other   | 23.0300 |
| Comparative Literature; Comparisons In Literature   | 23.0311 |
| Latin American Authors/Literature   | 23.0321 |
| Literature, American, Other   | 23.0700 |
| American Literature; Selected American Authors; American Experience; Portrait of<br>an American; American Writers                             | 23.0711 |
| Black Literature; Literature of Black America; Afro American Literature   | 23.0721 |
| American Dream In Literature; American Heroes; American Philosophy In<br>Literature; American Dilemma; American Cultural Patterns             | 23.0731 |
| Folklore, American  | 23.0741 |
| American Indian Literature; Indian Literature   | 23.0751 |
| Regional Writers; State Writers   | 23.0761 |
| Frontier Literature; Western Literature   | 23.0771 |
| Mexican American Literature   | 23.0781 |
| Literature, English, Other  | 23.0800 |
| British Literature Survey; Major British Writers; British Literature, Conventions and<br>Experiments; Background of Modern British Literature | 23.0811 |
| Shakespeare; Ages of Man; Political Intrigue and Murder   | 23.0821 |
| Modern British Writers  | 23.0831 |
| Victorian Literature  | 23.0841 |
| Satire, Modern British  | 23.0851 |
| Arthurian Legend; Once and Future King  | 23.0861 |
| Medieval Literature   | 23.0871 |
| Advanced Reading and Study Skills; Reading and Conference; Literature,<br>Individualized; Best Sellers; Reading for Pleasure                  | 23.1216 |
| <b>1_33: Composition and Writing</b>  |         |
| Business English 1; Business Communications   | 7.0411  |
| Business English 2  | 7.0412  |
| Business English 3  | 7.0413  |
| Business English 4  | 7.0414  |
| Journalism (Mass Communications), Other   | 9.0400  |

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| Journalism 1; Newswriting 1; Newspaper Production 1; Writing for Publication                              | 9.0411  |
| Journalism 2; Newswriting 2; Newspaper Production 2; Journalism Lab                                       | 9.0412  |
| Journalism 3; Newspaper Production 3  | 9.0413  |
| Journalism Investigations   | 9.0421  |
| Literary Magazine   | 9.0431  |
| Composition, Other  | 23.0400 |
| Composition, Expository; Expository Writing; Contemporary Composition; Writing Practice                   | 23.0401 |
| Writing Laboratory; Composition, Advanced; Writing Skills Workshop; Computer Assisted Writing Instruction | 23.0402 |
| Writing About Literature  | 23.0403 |
| Creative Writing, Other   | 23.0500 |
| Creative Writing 1; Creative Writing 10   | 23.0511 |
| Creative Writing 2, Workshop; Creative Writing 11   | 23.0512 |
| Creative Writing 12   | 23.0513 |
| Creative Writing, Independent Study   | 23.0521 |
| Linguistics (includes Phonetics, Semantics, and Philology), Other   | 23.0600 |
| Linguistics; Language and Thought; Semantics and History of Language                                      | 23.0611 |
| Technical and Business Writing, Other   | 23.1100 |
| Technical English   | 23.1111 |
| Functional Writing  | 54.2301 |
| Functional Writing, not for credit  | 54.2309 |
| <b>1_34: Speech</b>   |         |
| Rhetoric, Other   | 23.0900 |
| Speech, Debate, and Forensics, Other  | 23.1000 |
| Public Speaking; Forensics; Communications, Basic; Oral Composition; Oral Communications; Speech Arts     | 23.1011 |
| Speech 1; Oral Interpretation; Speech, General; They Used to Call It Rhetoric                             | 23.1021 |
| Speech 2; Speech Tournament; Discussion and Debate; Debate and Argumentation                              | 23.1022 |
| Speech 3  | 23.1023 |
| Debate Practicum Contract   | 23.1031 |
| <b>1_35: English as a Second Language</b>   |         |
| English as a Second Language 1; TESOL, Beginning  | 16.0121 |
| English as a Second Language 2; TESOL, Intermediate   | 16.0122 |
| English as a Second Language 3; TESOL, Advanced   | 16.0123 |
| English as a Second Language, Skills Lab  | 16.0124 |
| Transitional English  | 16.0125 |

**1\_4: Social Studies****1\_41: American History****1\_41A: American History, Basic**

|  |         |
|--|---------|
| United States History, Remedial  | 33.0161 |
| History and Geography 7  | 45.0801 |
| Our Cultural Heritage 7  | 45.0802 |
| United States History 8  | 45.0804 |
| Social Studies 8   | 45.0805 |
| American History, Basic; US History, Basic; American History, Remedial; US History, Remedial | 45.0809 |

**1\_41B: American History, Regular**

|   |         |
|---|---------|
| Social Studies 7, Honors  | 45.0803 |
| Social Studies 8, Honors  | 45.0806 |
| United States History, State and Local; State History and Government; State History | 45.0807 |
| American History; American History and World Background                             | 45.0810 |
| United States History 1; Age of Discovery; Founding of America                      | 45.0811 |
| United States History 2; Modern American History                                    | 45.0812 |

**1\_41C: American History, Adv. & Honors**

|  |         |
|--|---------|
| United States History, State, Advanced Placement   | 45.0808 |
| United States History, Honors  | 45.0813 |
| United States History, Advanced Placement; American History, Advanced Placement; American History, College | 45.0814 |

**1\_41D: American History, Specialized Topics**

|  |         |
|--|---------|
| American Labor History   | 45.0609 |
| Westward Movement  | 45.0815 |
| Twentieth Century America; Twentieth Century America, Survey; American History, Contemporary | 45.0816 |
| Twenties and Thirties; Roaring 20's and Depressed 30'  | 45.0817 |
| America Since 1945; America, Post War World; United States History, Recent                   | 45.0818 |
| Nineteen Sixties   | 45.0819 |
| Nineteen Seventies   | 45.0820 |
| Reform In American History   | 45.0821 |
| American Inquiries   | 45.0822 |
| Historic Events, United States   | 45.0823 |
| American Wars, Causes and Effects; World Wars; American Wars and Diplomacy                   | 45.0824 |
| Civil War  | 45.0825 |
| Civil War, Reconstruction and Industrialism  | 45.0826 |
| War and Modern Consciousness   | 45.0827 |
| World War II   | 45.0828 |
| United States Military History 1   | 45.0829 |
| United States Military History 2   | 45.0830 |
| United States History, Field Study   | 45.0831 |
| North American History   | 45.0832 |
| Mexican History  | 45.0833 |
| South American History   | 45.0834 |
| Historical Research  | 45.0869 |

**1\_41E: American History, AP/IB**

|                             |    |
|-----------------------------|----|
| United States History A, AP | ** |
| United States History B, AP | ** |

**1\_42: World History****1\_42A: World History, Basic****1\_42B: World History, Regular**

|  |         |
|--|---------|
| World History; Eye on the World; World History and Culture; History of World Civilization; World Geography and World Cultures; Survey of World Studies | 45.0835 |
| World History, Modern; Modern World Civilization   | 45.0837 |
| World Civilization, Twentieth Century; Current World History   | 45.0838 |
| Western Civilization 9; World Civilization 9   | 45.0840 |
| Western Civilization, History; European History  | 45.0842 |
| Early Western Civilization   | 45.0843 |

**1\_42C: World History, Adv. & Honors**

|  |         |
|--|---------|
| World History, College   | 45.0836 |
| World Civilization, Twentieth Century, Honors                              | 45.0839 |
| Western Civilization 9, Honors; World Civilization 9, Honors               | 45.0841 |
| Western Civilization, Advanced Placement; World History, Advanced          | 45.0844 |
| English History, Honors  | 45.0850 |
| French Revolution, Honors  | 45.0851 |
| European History, Modern, Advanced Placement; Western Civilization, Modern | 45.0856 |

**1\_42D: World History, Specialized Topics**

|  |         |
|--|---------|
| Ancient and Classical World  | 45.0845 |
| Ancient Greek History  | 45.0846 |
| Rome and Her Empire  | 45.0847 |
| Ancient History and Middle Ages; Ancient World History; Development of Civilization; Early World History | 45.0848 |
| English History  | 45.0849 |
| Modern Europe  | 45.0852 |
| European History, Mid-Nineteenth Through Mid-Twentieth Centuries, Advanced Placement                     | 45.0853 |
| European History, Twentieth Century; Twentieth Century Europe  | 45.0854 |
| European History, Advanced Readings  | 45.0855 |
| Third World History  | 45.0857 |
| African History  | 45.0858 |
| Africa, Middle East and Latin America  | 45.0859 |
| Latin American History   | 45.0860 |
| Middle East History  | 45.0861 |
| Israel, History  | 45.0862 |
| Eastern Civilization   | 45.0863 |
| Far East, History  | 45.0864 |
| Asian History, Modern  | 45.0865 |
| Pacific Lands, History   | 45.0866 |
| Russian History  | 45.0867 |
| World Leaders, Past and Present  | 45.0868 |

**1\_42E: World History, AP/IB**

|                      |    |
|----------------------|----|
| European History, AP | ** |
|----------------------|----|

**1\_43: Government and Politics****1\_43A: Government and Politics, Basic**

|  |         |
|--|---------|
| <del>Contemporary Issues, Basic Skills</del>   | 32.0119 |
| Civics; Community Civics   | 45.1001 |
| Government, Basic; Government and Contemporary American Problems   | 45.1003 |
| Contemporary World Affairs; Current Events; Current Affairs; Critical Issues; Media and Politics                                     | 45.1010 |
| Contemporary American Political Issues; Contemporary American Problems; Contemporary American Issues; American Problems; Citizenship | 45.1014 |
| American Government and Economics, Basic   | 45.1016 |
| Comparative Political Systems, Basic   | 45.1019 |
| Contemporary Issues, Basic Skills  | 45.1033 |

**1\_43B: Government and Politics, Regular**

|  |         |
|--|---------|
| State and Local Government   | 45.1002 |
| United States Government; United States History and Government; American Government; Government; Practical Government; Federal Government; Political Studies; Government and Decision Making | 45.1004 |
| American Politics; Government and Politics; American Political Behavior; Political Issues; American Political Systems; National State and Local Elections; Youth and Local Politics          | 45.1008 |
| American Government and Economics; Today's Problems; Problems of Democracy and Economics; American Institutions; Problems of Democracy   | 45.1017 |

**1\_43C: Government and Politics, Adv. & Honors**

|   |         |
|---|---------|
| International Relations, Honors   | 45.0921 |
| Elections, Politics and Morality, Honors                                    | 45.1009 |
| Political Studies, Honors; American Heritage, Honors                        | 45.1013 |
| Contemporary American Political Issues, Honors; American Problems, Research | 45.1015 |
| American Government and Economics, Honors                                   | 45.1018 |
| Americanism vs. Communism, Honors   | 45.1022 |
| Civics, Honors; European Civics   | 45.1024 |

**1\_43D: Government and Politics, Specialized Topics**

|   |         |
|---|---------|
| International Public Service, Other   | 44.0300 |
| International Relations, Other  | 45.0900 |
| International Relations; Foreign Policy Problems; Global Relations                            | 45.0911 |
| International Law   | 45.0931 |
| Model Security Council, Local   | 45.0941 |
| Model United Nations, Local   | 45.0951 |
| Model United Nations, National  | 45.0952 |
| Political Science and Government, Other   | 45.1000 |
| Presidency; Presidential Roles; Constitution and Presidency                                   | 45.1005 |
| Framework of the Constitution; Rights and Responsibilities; Constitutional History            | 45.1006 |
| Individual vs. State; Liberty and the Law   | 45.1007 |
| American Foreign Policy; United States as a World Power; American Government in World Affairs | 45.1011 |
| Decision Making In a Crisis; Ideas In Conflict  | 45.1012 |
| Comparative World Governments; Comparative Political Systems                                  | 45.1020 |
| Americanism vs. Communism   | 45.1021 |
| Communism and Its Growth  | 45.1023 |

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|---|---------|
| Government Internship   | 45.1026 |
| Model Senate  | 45.1027 |
| Political Leadership  | 45.1028 |
| Political Science   | 45.1029 |
| Political Science and Government; Local/Regional Government Field Study   | 45.1031 |
| Political Science, Advanced Placement   | 45.1030 |
| Political Turmoil   | 45.1032 |
| Writings Influencing Government   | 45.1025 |
| <b>1_43E: Government and Politics, AP/IB</b>  |         |
| AP American Government and Politics   | **      |
| AP Comparative Government and Politics  | **      |
| <b>1_44: Economics</b>  |         |
| <b>1_44A: Economics, Basic</b>  |         |
| Consumer Economics; Consumer and the Economy; Economics and the Consumer  | 45.0603 |
| <b>1_44B: Economics, Regular</b>  |         |
| Economics, Other  | 45.0600 |
| Economics 1; Economics, Theory; Economics, Basic  | 45.0601 |
| Economics 2; Comparative Economics; American Economy; Free Enterprise;<br>Economics and Economic Problems; Economics for Today and the Future;<br>Economics Now | 45.0602 |
| <b>1_44C: Economics, Adv. &amp; Honors</b>  |         |
| AP Economics  | 45.0613 |
| Economics, Analysis and Criticism   | 45.0610 |
| Economics, College  | 45.0611 |
| <b>1_44D: Economics, Specialized Topics</b>   |         |
| Insurance Theory  | 45.0605 |
| International Economics   | 45.0612 |
| Investment Economics  | 45.0606 |
| Television and Economics  | 45.0607 |
| <b>1_44E: Economics, AP/IB</b>  |         |
| AP Macroeconomics   | **      |
| AP Microeconomics   | **      |
| <b>1_45: Behavioral Sciences</b>  |         |
| <b>1_45A: Behavioral Sciences, Basic</b>  |         |
| <b>1_45B: Behavioral Sciences, Regular</b>  |         |
| Psychology, Other General   | 42.0100 |
| Psychology; Behavioral Sciences, Introduction; Human Behavior   | 42.0111 |
| Abnormal Psychology   | 42.0113 |
| Psychology of Learning  | 42.0311 |
| Educational Psychology  | 42.0321 |
| Child Psychology  | 42.0711 |
| Adolescent Psychology; Adolescent Development   | 42.0721 |
| Adjustment Psychology   | 42.0731 |
| Social Psychology   | 42.1611 |
| American Social Problems, Introduction; Social Problems; Social Issues;<br>Community and Intergroup Relations   | 45.1111 |
| Sociology, General  | 45.1121 |
| Sociology, Issues   | 45.1131 |

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| <b>1_45C: Behavioral Sciences, Adv. &amp; Honors</b>  |         |
| Psychology, Advanced                                  | 42.0112 |
| AP Psychology   | 42.0114 |
| Sociology, Honors                                     | 45.1171 |
| Sociology, Research                                   | 45.1181 |
| <b>1_45D: Behavioral Sciences, Specialized Topics</b> |         |
| Clinical Psychology, Other                            | 42.0200 |
| Cognitive Psychology, Other                           | 42.0300 |
| Community Psychology, Other                           | 42.0400 |
| Comparative Psychology, Other                         | 42.0500 |
| Counseling Psychology, Other                          | 42.0600 |
| Developmental Psychology, Other                       | 42.0700 |
| Experimental Psychology, Other                        | 42.0800 |
| Industrial and Organizational Psychology, Other       | 42.0900 |
| Personality Psychology, Other                         | 42.1000 |
| Historical Personalities and Ideas                    | 42.1011 |
| Humanistic Psychology                                 | 42.1021 |
| Physiological Psychology, Other                       | 42.1100 |
| Psycholinguistics, Other                              | 42.1200 |
| Psychometrics, Other                                  | 42.1300 |
| Psychopharmacology, Other                             | 42.1400 |
| Psychopharmacology                                    | 42.1411 |
| Quantitative Psychology, Other                        | 42.1500 |
| Social Psychology, Other                              | 42.1600 |
| Psychology, Other                                     | 42.9900 |
| Sociology, Other                                      | 45.1100 |
| The Poor in America                                   | 45.1132 |
| <b>1_45E: Behavioral Sciences, AP/IB</b>              |         |
| AP Psychology   | **      |
| <b>1_46: Geography</b>                                |         |
| <b>1_46A: Geography, Basic</b>                        |         |
| Geography 8   | 45.0701 |
| <b>1_46B: Geography, Regular</b>                      |         |
| Geography, United States                              | 45.0702 |
| Geography, North American                             | 45.0703 |
| World Geography; Cultural and Physical Geography      | 45.0704 |
| Geography, Western Hemisphere and Africa              | 45.0705 |
| Geography, Eastern Hemisphere                         | 45.0706 |
| Physical Geography                                    | 45.0707 |
| Economic and Political Geography; Economic Geography  | 45.0708 |
| Human and Cultural Geography; Man and His Environment | 45.0709 |
| <b>1_46C: Geography, Adv. &amp; Honors</b>            |         |
| Field Geography, Honors                               | 45.0710 |
| <b>1_46D: Geography, Specialized Topics</b>           |         |
| Geography, Other                                      | 45.0700 |
| <b>1_46E: Geography, AP/IB</b>                        |         |

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| <b>1_47: Social Science, Humanities, and Other</b>   |         |
| <b>1_47A: Social Science, Humanities, and Other, Basic</b>   |         |
| American Studies, Basic  | 5.0102  |
| Social Studies EMH   | 52.0105 |
| Social Studies EH  | 52.0206 |
| Social Studies DEAF  | 52.0304 |
| Special Education Social Studies   | 56.4500 |
| Resource Social Studies  | 56.4501 |
| Resource Social Studies, not for credit  | 56.4509 |
| <b>1_47B: Social Science, Humanities, and Other, Regular</b>   |         |
| Area Studies   | 5.0101  |
| American Studies, General; American Studies, Regents; American Studies, Academic; American History and American Character                                | 5.0103  |
| World Studies 1; World Cultures 1  | 5.0114  |
| World Studies 2; World Cultures 2  | 5.0115  |
| Liberal/General Studies, Other   | 24.0100 |
| Liberal Studies  | 24.0111 |
| Humanities; People and Their Culture   | 30.0411 |
| Humanities of Western Civilization; Humanities, European   | 30.0421 |
| Humanities, American   | 30.0431 |
| Social Science, Introduction; Social Studies, Introduction; Social Studies Skills  | 45.0111 |
| History, Other   | 45.0800 |
| <b>1_47C: Social Science, Humanities, and Other, Adv. &amp; Honors</b>   |         |
| American Studies, Honors   | 5.0105  |
| World Studies, Honors; World Cultures, Honors  | 5.0116  |
| European Culture Studies, Honors; Western European Culture Studies, Honors   | 5.0120  |
| Asian and African Cultural Studies, Honors   | 5.0126  |
| <b>1_47D: Social Science, Humanities, and Other, Specialized Topics</b>  |         |
| Area Studies, Other  | 5.0100  |
| America's People and Problems; Factors that Made America Great; American Social Change; Contemporary America   | 5.0104  |
| New England Studies  | 5.0106  |
| Old South  | 5.0107  |
| American West; American Frontiers; Wild West; How the West Was Won   | 5.0108  |
| Southwest United States  | 5.0109  |
| Anglo America  | 5.0110  |
| North America and Current Events   | 5.0111  |
| North and South America  | 5.0112  |
| Latin America; Latin American Studies; Latin America and the Caribbean; Mesoamerica; South America   | 5.0113  |
| Comparative World Cultures   | 5.0117  |
| European Culture Studies, Basic; Western Europe on the Move  | 5.0118  |
| European Culture Studies, General; Western European Culture Studies, Academic; Europe and Current Events; Western Man; European Culture Studies, Regents | 5.0119  |
| Developing Nations; Developing World; Emerging Nations   | 5.0121  |
| African Area Studies; African Cultural Area  | 5.0122  |
| Africa and South America   | 5.0123  |
| Asian and African Cultural Studies, Basic  | 5.0124  |

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| Asian and African Cultural Studies, General; Asian and African Cultural Studies, Regents  | 5.0125  |
| Asian Studies; East Asian Studies; Oriental Cultures; Chinese and Japanese Cultures; Orient, Land of Mystery  | 5.0127  |
| History of China  | 5.0128  |
| Asia, Africa and Mideast  | 5.0129  |
| Africa and Middle East  | 5.0130  |
| Middle Eastern Studies  | 5.0131  |
| Middle East, War for Survival   | 5.0132  |
| U S S R; Russian and Slavic Studies; Soviet Union; Making of Modern Russia; Soviet Area Studies   | 5.0133  |
| Soviet Union and China  | 5.0134  |
| Soviet Union and Afro American Developing Nations   | 5.0135  |
| History of Russia   | 5.0136  |
| Neglected World   | 5.0137  |
| Global Education; Global Perspectives; Global Studies; Global Issues; World Pacific Rim Nations   | 5.0138  |
| Canadian Area Studies   | 5.0139  |
| Ethnic Studies, Other   | 5.0140  |
| Minorities in America; Minority Groups in the United States; Minorities; Minorities in United States History; Multi Ethnic Cultures; United States Cultures; American Intercultural Heritage; Minority People | 5.0211  |
| Ethnic and Family Heritage  | 5.0221  |
| Afro American Studies; Black Experience; Afro American Culture and History; Black Studies; Black History; American Black History  | 5.0231  |
| Economics of Afro Americans   | 5.0241  |
| Indians of North America; American Indians  | 5.0251  |
| Jewish Historical Significance  | 5.0261  |
| Mexican American Heritage; Mexican American Studies   | 5.0271  |
| Hawaiiana   | 5.0281  |
| Hawaiian Culture Studies, Modern  | 5.0291  |
| Area and Ethnic Studies, Other  | 5.9900  |
| Intercultural Communications  | 9.0121  |
| Public Relations, Other   | 9.0500  |
| Law, Other  | 22.0100 |
| Criminal Law; Law Fundamentals; Legal Rights; Parliament and Court Procedures   | 22.0111 |
| Everyday Law; Practical Law; Criminology and Justice; Civil Liberties and the Law; Law Enforcement and the Courts; Law and You; On Trial; Youth and the Law; Law and Juvenile Justice                         | 22.0121 |
| Street Law  | 22.0131 |
| Humanities and Social Sciences, Other   | 30.0400 |
| Humanities, African   | 30.0441 |
| Humanities, Near East and Far East  | 30.0451 |
| Peace Studies, Other  | 30.0500 |
| Systems Science, Other  | 30.0600 |
| Futuristics; Future Worlds; History of the Future; Science Technology and the Environmental Issues; Human Communities; People Technology and the Environment; Environmental Science                           | 30.0611 |
|   | 30.0621 |

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| Energy and Environment  | 30.0631 |
| Women's Studies, Other  | 30.0700 |
| Women's Studies; Women in American Society  | 30.0711 |
| Women's Studies In Literature   | 30.0721 |
| Multi/Interdisciplinary Studies, Other  | 30.9900 |
| Philosophy, Other   | 38.0100 |
| Philosophy; Systems of Philosophy; Philosophy Seminar   | 38.0111 |
| Ethics  | 38.0121 |
| Logic; English Language, Logic and Reason; Clear Thinking   | 38.0131 |
| Epistemics  | 38.0141 |
| Social Justice Issues; Peace and Social Justice   | 38.0151 |
| Social Sciences, Other General  | 45.0100 |
| Social Science, Advanced Theory and Research  | 45.0121 |
| Social Science Seminar  | 45.0131 |
| Social Studies, Independent Research; Social Studies, Independent Study; Social Studies, Independent Reading                        | 45.0141 |
| Anthropology, Other   | 45.0200 |
| Anthropology  | 45.0211 |
| Comparative Cultural Patterns; Cultural Pluralism; Multicultural Education  | 45.0221 |
| Anthropology, Myth and Magic  | 45.0231 |
| Cultural Anthropology, Research; Oral History Collection  | 45.0241 |
| Archaeology, Other  | 45.0300 |
| Archaeology   | 45.0311 |
| Demography, Other   | 45.0500 |
| Population Education; United States Census  | 45.0511 |
| Energy Education  | 45.0608 |
| Mobility in Society   | 45.1141 |
| Violence In America   | 45.1151 |
| Death and Dying   | 45.1161 |
| Urban Studies, Other  | 45.1200 |
| Urban Problems; Urban Social Problems; City In United States History; Urban Environment and Problems; Urban Survival; Urban Studies | 45.1211 |
| Urban Ecology   | 45.1221 |
| Technology and Urbanization   | 45.1231 |
| Social Sciences, Other  | 45.9900 |
| <b>1_47E: Social Science, Humanities, and Other, AP/IB</b>  |         |
| IB Theory of Knowledge  | **      |

**1\_5: Fine Arts****1\_51: Visual Arts****1\_51A: Visual Arts, Basic**

|                    |         |
|--------------------|---------|
| Crafts 7           | 50.0211 |
| Crafts 8           | 50.0212 |
| Ceramics 7         | 50.0261 |
| Ceramics 8         | 50.0262 |
| Fine Arts 7; Art 7 | 50.0701 |
| Fine Arts 8; Art 8 | 50.0702 |

**1\_51B: Visual Arts, Regular and Advanced**

|   |         |
|---|---------|
| Visual and Performing Arts, Other General   | 50.0100 |
| Aesthetics; Art/Music/Drama/Dance Survey  | 50.0111 |
| Crafts, Other   | 50.0200 |
| Crafts 9; Creative Crafts 9   | 50.0213 |
| Crafts 10; Creative Crafts 10; Applied Art 10; Home Decorative Crafts 1                                       | 50.0214 |
| Crafts 11; Creative Crafts 11; Applied Art 11; Home Decorative Crafts 2                                       | 50.0215 |
| Crafts 12; Creative Crafts 12; Applied Art 12   | 50.0216 |
| Crafts 11, Advanced; Creative Crafts 11, Advanced; Design Crafts 11, Advanced                                 | 50.0221 |
| Crafts 12, Advanced   | 50.0222 |
| Decorator Crafts  | 50.0231 |
| Enameling   | 50.0241 |
| Jewelry 1; Art Metals   | 50.0251 |
| Jewelry 2; Art Metals 2   | 50.0252 |
| Jewelry 3; Art Metals 3   | 50.0253 |
| Jewelry 4; Art Metals 4   | 50.0254 |
| Ceramics 9  | 50.0263 |
| Ceramics 10; Pottery 10   | 50.0264 |
| Ceramics 11; Pottery 11   | 50.0265 |
| Ceramics 12; Pottery 12   | 50.0266 |
| Textile Design; Art Textiles, Fiber Design; Weaving and Dyeing  | 50.0271 |
| Model Building  | 50.0281 |
| Printmaking; Printer's Ink  | 50.0291 |
| Printmaking 2   | 50.0292 |
| Film Arts, Other  | 50.0600 |
| Film Study; Film Criticism; Film Appreciation   | 50.0611 |
| Language of the Cinema  | 50.0612 |
| Photography 10  | 50.0621 |
| Photography 11, Elementary; Visual Composition  | 50.0622 |
| Photography 12, Elementary  | 50.0623 |
| Photography 11, Advanced  | 50.0631 |
| Photography 12, Advanced  | 50.0632 |
| Fine Arts, Other  | 50.0700 |
| Art, General; Studio In Art; Fine Arts Studio; Studio Art Laboratory; Arts and<br>Crafts Studio; Survey Media | 50.0703 |
| Art 1; Art 9  | 50.0704 |
| Art 2; Art 10   | 50.0705 |
| Art 3; Art 11   | 50.0706 |
| Art 4; Art 12   | 50.0707 |
| Art 1, Independent Study  | 50.0708 |

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| Art 2, Independent Study; Senior Studio; Art, Advanced Placement                                    | 50.0709 |
| Art Services 10; School Beautification 10   | 50.0711 |
| Art Services 11; School Beautification 11   | 50.0712 |
| Art Services 12; School Beautification 12   | 50.0713 |
| Drawing; Drawing and Painting; Two Dimensional Design; Drawing and Color;<br>Drawing Techniques     | 50.0714 |
| Painting 1  | 50.0715 |
| Painting 2  | 50.0716 |
| Watercolor 1; Watercolor Painting; Watercolors and Airbrush   | 50.0717 |
| Cartooning  | 50.0718 |
| Mural Painting  | 50.0719 |
| Sculpture; Three Dimensional Art; Three Dimensional Design; Wood and Stone<br>Carving; Plastic Arts | 50.0720 |
| Silk Screen   | 50.0721 |
| Assemblage  | 50.0722 |
| Product Design; Design; Color and Design  | 50.0723 |
| Life Drawing; Figure Drawing; Portraiture   | 50.0724 |
| Calligraphy   | 50.0725 |
| Art History and Appreciation; Arts and the Masters  | 50.0726 |
| Black Fine Arts   | 50.0727 |
| Mexico, Fine Arts   | 50.0728 |
| Bicultural Art  | 50.0729 |
| Artist In Residence Program   | 50.0730 |
| Ethnic Art History  | 50.0731 |
| Art As A Multicultural Study  | 50.0732 |
| Visual and Performing Arts, Other   | 50.9900 |
| <b>1_51C: Visual Arts, AP/IB</b>  |         |
| AP History of Art   | **      |
| AP Studio Art   | **      |
| <b>1_52: Music</b>  |         |
| <b>1_52A: Music, Basic</b>  |         |
| Music 7; Music, Introduction  | 50.0901 |
| Music 8   | 50.0902 |
| Band 7  | 50.0903 |
| Band 8  | 50.0905 |
| Orchestra 7   | 50.0912 |
| Orchestra 8   | 50.0914 |
| Chorus 7  | 50.0935 |
| Chorus 8  | 50.0937 |
| Music History 7   | 50.0953 |
| Music History 8; Music Through the Ages   | 50.0954 |
| Music Appreciation; Adventures in Listening   | 50.0963 |
| <b>1_52B: Music, Regular and Advanced</b>   |         |
| Music, Other  | 50.0900 |
| Band 7, Advanced  | 50.0904 |
| Band 8, Advanced  | 50.0906 |
| Band 9  | 50.0907 |
| Band 9, Advanced  | 50.0908 |
| Band, Concert   | 50.0909 |
| Band, Marching  | 50.0910 |

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| Band, Symphonic; Senior Band Front                                      | 50.0911 |
| Orchestra 7, Advanced   | 50.0913 |
| Orchestra 8, Advanced   | 50.0915 |
| Orchestra 9   | 50.0916 |
| Orchestra 9, Advanced   | 50.0917 |
| Orchestra 10  | 50.0918 |
| Orchestra 11; Concert Orchestra   | 50.0919 |
| Orchestra 12; Symphonic Orchestra                                       | 50.0920 |
| Instrumental String Class   | 50.0921 |
| Brass and Percussion Class  | 50.0922 |
| Wind Ensemble; Brasswind  | 50.0923 |
| Woodwind Class  | 50.0924 |
| Electronic Music, Introduction  | 50.0925 |
| Ensemble, Instrumental; Stage Band; Music on Stage; Jazz Ensemble       | 50.0926 |
| Guitar, Beginning   | 50.0927 |
| Guitar, Intermediate  | 50.0928 |
| Guitar, Advanced  | 50.0929 |
| Handbells   | 50.0930 |
| Piano 1; Keyboard   | 50.0931 |
| Piano 2   | 50.0932 |
| Organ   | 50.0933 |
| Music Lessons, Applied  | 50.0934 |
| Chorus 7, Advanced  | 50.0936 |
| Chorus 8, Advanced  | 50.0938 |
| Chorus 9  | 50.0939 |
| Chorus 9, Advanced  | 50.0940 |
| Chorus 10   | 50.0941 |
| Chorus 10, Advanced   | 50.0942 |
| Chorus 11   | 50.0943 |
| Chorus 11, Advanced   | 50.0944 |
| Chorus 12   | 50.0945 |
| Chorus 12, Advanced   | 50.0946 |
| Vocal Ensemble; Madrigal Singers; Concert Chorale; Glee Club; Pop Rock  |         |
| Ensemble; Barbershop Octet; Chamber Singers; A Capella Choir            | 50.0947 |
| Voice Class; Ear Training and Sight Singing                             | 50.0948 |
| Harmony and Composition; Composition, Musical                           | 50.0949 |
| Arranging; Orchestration  | 50.0950 |
| Conducting  | 50.0951 |
| Music Theory; Musicianship  | 50.0952 |
| Music History 9; Contemporary Music 9; Pop Music History 9              | 50.0955 |
| Music History 10; Contemporary Music 10; Pop Music History 10           | 50.0956 |
| Music History 11; Contemporary Music 11; Pop Music History 11           | 50.0957 |
| Music History 12; Contemporary Music 12; Pop Music History 12           | 50.0958 |
| Music Literature 9; Traditional Music 9, Survey                         | 50.0959 |
| Music Literature 10; Traditional Music 10, Survey                       | 50.0960 |
| Music Literature 11; Traditional Music 11, Survey                       | 50.0961 |
| Music Literature 12; Traditional Music 12, Survey                       | 50.0962 |
| Folk Music, Ethnic  | 50.0964 |
| Music Theater; American Musical Theater; Jazz and Stage Ensemble; Mixed |         |
| Ensembles (Instrumental/Vocal); Theater Music Workshop                  | 50.0965 |

|  |         |
|--|---------|
| Music, Independent Study; Symphony and Lecture Series; Music Reading and Conference  | 50.0966 |
| Music Laboratory, General Survey   | 50.0967 |
| <b>1_52C: Music, AP/IB</b>   |         |
| AP Music Theory  | **      |
| <b>1_53: Dance</b>   |         |
| Dance, Other   | 50.0300 |
| Modern Dance for Beginners 9; Rhythm and Dance 9   | 50.0311 |
| Modern Dance for Beginners 10; Creative Dance 10; Rhythm and Dance 10  | 50.0312 |
| Modern Dance for Beginners 11; Creative Dance 11; Rhythm and Dance 11  | 50.0313 |
| Modern Dance for Beginners 12; Creative Dance 12; Rhythm and Dance 12  | 50.0314 |
| Modern Dance 9, Intermediate   | 50.0321 |
| Modern Dance 10, Intermediate  | 50.0322 |
| Modern Dance 11, Intermediate  | 50.0323 |
| Modern Dance 12, Intermediate  | 50.0324 |
| Dance 9, Advanced  | 50.0331 |
| Dance 10, Advanced   | 50.0332 |
| Dance 11, Advanced   | 50.0333 |
| Dance 12, Advanced   | 50.0334 |
| Performing Dance Group 9   | 50.0341 |
| Performing Dance Group 10  | 50.0342 |
| Performing Dance Group 11  | 50.0343 |
| Performing Dance Group 12  | 50.0344 |
| Ballet and Jazz for Beginners 9  | 50.0351 |
| Ballet and Jazz for Beginners 10   | 50.0352 |
| Ballet and Jazz for Beginners 11   | 50.0353 |
| Ballet and Jazz for Beginners 12   | 50.0354 |
| Ethnic Dance; Folk Dance   | 50.0361 |
| Square Dance   | 50.0371 |
| Aerobic Dance  | 50.0381 |
| <b>1_54: Theater Arts</b>  |         |
| Theater Makeup   | 50.0421 |
| Lighting Fundamentals, Theater   | 50.0431 |
| Dramatic Arts, Other   | 50.0500 |
| Stagecraft 9; Theater Arts 1; Acting Fundamentals 9  | 50.0511 |
| Stagecraft 10; Acting Fundamentals 10; Stage Design and Stage Craft 10; Play Production 10; Dramatics 10                             | 50.0512 |
| Stagecraft 11; Acting Fundamentals 11; Dramatics 11; Theater Production 11; Play Production 11; Theatre Projects 11; Acting Workshop | 50.0513 |
| Stagecraft 12; Acting Fundamentals 12; Dramatics 12; Play Production 12; Theater Projects 12; Theater Workshop 12                    | 50.0514 |
| Improvisation and Mime   | 50.0521 |
| Playwriting  | 50.0531 |
| Theater Practicum Contract   | 50.0541 |
| Drama, History   | 50.0551 |
| Drama, Independent Study   | 50.0561 |

**1\_6: Non-English Languages****1\_61: Non-English Language—Spanish****1\_61A: Non-English Language—Spanish, Yr 1**

|  |                    |
|--|--------------------|
| Spanish 7; Spanish for Survival                                      | 16.0931            |
| Spanish 8  | 16.0932            |
| Spanish 1; Spanish 9; Spanish, Beginning                             | 16.0933            |
| <del>Spanish for Spanish Speakers; Spanish for Native Speakers</del> | <del>16.0940</del> |
| Spanish for Travelers  | 16.0941            |
| Spanish, Commercial; Spanish, Job Related                            | 16.0942            |
| Spanish for Native Speakers 1  | 16.1311            |

**1\_61B: Non-English Language—Spanish, Yr 2**

|                               |         |
|-------------------------------|---------|
| Spanish 2; Spanish 10         | 16.0934 |
| Spanish for Native Speakers 2 | 16.1312 |

**1\_61C: Non-English Language—Spanish, Yr 3**

|  |         |
|--|---------|
| Spanish 3; Spanish 11; Spanish, Intermediate | 16.0935 |
| Spanish for Native Speakers 3                | 16.1313 |

**1\_61D: Non-English Language—Spanish, Yr 4+**

|  |         |
|--|---------|
| Spanish 4; Spanish 12  | 16.0936 |
| Spanish, Advanced Placement; Spanish 5                         | 16.0937 |
| Spanish Field-based Experience; Spanish Seminar                | 16.0938 |
| Foreign Language Contract, Spanish; Spanish, Independent Study | 16.0939 |
| Spanish for Native Speakers 5/Advanced Placement               | 16.1310 |
| Spanish for Native Speakers 4                                  | 16.1314 |
| Spanish for Native Speakers 5/Adv Placement                    | 16.1315 |

**1\_61E: Non-English Language—Spanish, AP/IB**

|                       |    |
|-----------------------|----|
| AP Spanish Language   | ** |
| AP Spanish Literature | ** |

**1\_62: Non-English Language—French****1\_62A: Non-English Language—French, Yr 1**

|                              |         |
|------------------------------|---------|
| French 7                     | 16.0901 |
| French 8                     | 16.0902 |
| French 1; French 9           | 16.0903 |
| French for Native Speakers 1 | 16.1361 |

**1\_62B: Non-English Language—French, Yr 2**

|                              |         |
|------------------------------|---------|
| French 2; French 10          | 16.0904 |
| French for Native Speakers 2 | 16.1362 |

**1\_62C: Non-English Language—French, Yr 3**

|                              |         |
|------------------------------|---------|
| French 3; French 11          | 16.0905 |
| French for Native Speakers 3 | 16.1363 |

**1\_62D: Non-English Language—French, Yr 4+**

|   |         |
|---|---------|
| French 4; French 12   | 16.0906 |
| French, Advanced Placement; French 5  | 16.0907 |
| French Field-Based Experience; French Reading and Conference; French Seminar; |         |
| French for Travelers  | 16.0908 |
| Foreign Language Contract, French   | 16.0909 |
| French, Conversational  | 16.0910 |
| French for Native Speakers 4  | 16.1364 |

**1\_62E: Non-English Language—French, AP/IB**

|                      |    |
|----------------------|----|
| AP French Language   | ** |
| AP French Literature | ** |

|   |         |
|---|---------|
| <b>1_63: Non-English Language—German</b>                      |         |
| <b>1_63A: Non-English Language—German, Yr 1</b>               |         |
| German 7; German for Survival                                 | 16.0511 |
| German 8  | 16.0512 |
| German 1; German 9  | 16.0513 |
| <b>1_63B: Non-English Language—German, Yr 2</b>               |         |
| German 2; German 10   | 16.0514 |
| <b>1_63C: Non-English Language—German, Yr 3</b>               |         |
| German 3; German 11   | 16.0515 |
| <b>1_63D: Non-English Language—German, Yr 4+</b>              |         |
| German 4; German 12   | 16.0516 |
| German, Advanced Placement                                    | 16.0517 |
| German Field-Based Experience; German, Reading and Conference | 16.0518 |
| Foreign Language Contract, German; German, Independent Study  | 16.0519 |
| <b>1_63E: Non-English Language—German, AP/IB</b>              |         |
| AP German Language  | **      |
| <b>1_64: Non-English Language—Latin</b>                       |         |
| <b>1_64A: Non-English Language—Latin, Yr 1</b>                |         |
| Latin 1; Latin 9; Latin Graffiti for Anybody                  | 16.0920 |
| <b>1_64B: Non-English Language—Latin, Yr 2</b>                |         |
| Latin 2; Latin 10   | 16.0921 |
| <b>1_64C: Non-English Language—Latin, Yr 3</b>                |         |
| Latin 3; Latin 11   | 16.0922 |
| <b>1_64D: Non-English Language—Latin, Yr 4+</b>               |         |
| Latin 4; Latin 12   | 16.0923 |
| Latin, Advanced Placement; Latin 5                            | 16.0924 |
| Foreign Language Contract, Latin                              | 16.0925 |
| <b>1_64E: Non-English Language—Latin, AP/IB</b>               |         |
| AP Latin  | **      |
| <b>1_65: Non-English Language—Italian</b>                     |         |
| <b>1_65A: Non-English Language—Italian, Yr 1</b>              |         |
| Italian 7   | 16.0911 |
| Italian 8   | 16.0912 |
| Italian 1; Italian 9  | 16.0913 |
| Italian for Native Speakers 1                                 | 16.1331 |
| <b>1_65B: Non-English Language—Italian, Yr 2</b>              |         |
| Italian 2; Italian 10   | 16.0914 |
| Italian for Native Speakers 2                                 | 16.1332 |
| <b>1_65C: Non-English Language—Italian, Yr 3</b>              |         |
| Italian 3; Italian 11   | 16.0915 |
| Italian for Native Speakers 3                                 | 16.1333 |
| <b>1_65D: Non-English Language—Italian, Yr 4+</b>             |         |
| Italian 4; Italian 12   | 16.0916 |
| Italian, Advanced Placement; Italian 5                        | 16.0917 |
| Italian Field-Based Experience                                | 16.0918 |
| Foreign Language Contract, Italian                            | 16.0919 |
| <b>1_65E: Non-English Language—Italian, AP/IB</b>             |         |

**1\_66: Non-English Language—Other****1\_66A: Non-English Language—Other, Yr 1**

|  |         |
|--|---------|
| Sign Language 1; Signing 1                       | 9.0811  |
| Braille Communications                           | 9.0821  |
| African, Non-Semitic Languages, Other            | 16.0200 |
| Swahili 1  | 16.0211 |
| Amharic 1 (Ethiopian)                            | 16.0221 |
| Asiatic Languages, Other                         | 16.0300 |
| Cantonese 1                                      | 16.0311 |
| Mandarin 1                                       | 16.0321 |
| Japanese 1                                       | 16.0331 |
| Hawaiian 1                                       | 16.0341 |
| Hawaiian Language and Culture                    | 16.0345 |
| Korean 1   | 16.0351 |
| Balto-Slavic Languages, Other                    | 16.0400 |
| Ukrainian 1                                      | 16.0411 |
| Russian 1  | 16.0421 |
| Czech 1  | 16.0431 |
| Polish 1   | 16.0441 |
| Finnish 1  | 16.0451 |
| Germanic Languages, Other                        | 16.0500 |
| Dutch 1  | 16.0501 |
| Norse 1; Norwegian 1                             | 16.0521 |
| Swedish 1  | 16.0531 |
| Yiddish 1  | 16.0541 |
| Greek, Other                                     | 16.0600 |
| Modern Greek for Survival                        | 16.0611 |
| Modern Greek 1                                   | 16.0621 |
| Classical Greek 1                                | 16.0631 |
| Indic Languages, Other                           | 16.0700 |
| Iranian Languages, Other                         | 16.0800 |
| Italic Languages, Other                          | 16.0900 |
| Portuguese 1                                     | 16.0926 |
| Native American Languages, Other                 | 16.1000 |
| Semitic Languages, Other                         | 16.1100 |
| Hebrew 1   | 16.1111 |
| Arabic 1   | 16.1115 |
| Indo-European Languages, Other                   | 16.1200 |
| Turkish 1  | 16.1211 |
| Non-English Languages for Native Speakers, Other | 16.1300 |
| Portuguese for Native Speakers 1                 | 16.1321 |
| Japanese for Native Speakers 1                   | 16.1341 |
| Chinese for Native Speakers 1                    | 16.1351 |
| Foreign Languages, Other                         | 16.9900 |

**1\_66B: Non-English Language—Other, Yr 2**

|                            |         |
|----------------------------|---------|
| Sign Language 2; Signing 2 | 9.0812  |
| Swahili 2                  | 16.0212 |
| Amharic 2 (Ethiopian)      | 16.0222 |
| Cantonese 2                | 16.0312 |

|  |         |
|--|---------|
| Mandarin 2   | 16.0322 |
| Japanese 2   | 16.0332 |
| Hawaiian 2   | 16.0342 |
| Korean 2   | 16.0352 |
| Russian 2  | 16.0422 |
| Czech 2  | 16.0432 |
| Polish 2   | 16.0442 |
| Finnish 2  | 16.0452 |
| Dutch 2  | 16.0502 |
| Norse 2; Norwegian 2   | 16.0522 |
| Swedish 2  | 16.0532 |
| Yiddish 2  | 16.0542 |
| Modern Greek 2   | 16.0622 |
| Classical Greek 2  | 16.0632 |
| Portuguese 2   | 16.0927 |
| Hebrew 2   | 16.1112 |
| Arabic 2   | 16.1116 |
| Turkish 2  | 16.1212 |
| Portuguese for Native Speakers 2                                 | 16.1322 |
| Japanese for Native Speakers 2                                   | 16.1342 |
| Chinese for Native Speakers 2                                    | 16.1352 |
| <b>1_66C: Non-English Language—Other, Yr 3</b>                   |         |
| Cantonese 3  | 16.0313 |
| Mandarin 3   | 16.0323 |
| Japanese 3   | 16.0333 |
| Hawaiian 3   | 16.0343 |
| Korean 3   | 16.0353 |
| Russian 3  | 16.0423 |
| Czech 3  | 16.0433 |
| Polish 3   | 16.0443 |
| Finnish 3  | 16.0453 |
| Dutch 3  | 16.0503 |
| Swedish 3  | 16.0533 |
| Yiddish 3  | 16.0543 |
| Modern Greek 3   | 16.0623 |
| Classical Greek 3  | 16.0633 |
| Portuguese 3   | 16.0928 |
| Hebrew 3   | 16.1113 |
| Arabic 3   | 16.1117 |
| Portuguese for Native Speakers 3                                 | 16.1323 |
| Japanese for Native Speakers 3                                   | 16.1343 |
| Chinese for Native Speakers 3                                    | 16.1353 |
| <b>1_66D: Non-English Language—Other, Yr 4+</b>                  |         |
| Cantonese 4  | 16.0314 |
| Mandarin 4   | 16.0324 |
| Mandarin 5   | 16.0325 |
| Japanese 4   | 16.0334 |
| Japanese 5   | 16.0335 |
| Foreign Language Contract, Japanese; Japanese, Independent Study | 16.0336 |

|   |         |
|---|---------|
| Hawaiian 4  | 16.0344 |
| Korean 4  | 16.0354 |
| Korean 5  | 16.0355 |
| Russian 4   | 16.0424 |
| Russian 5   | 16.0425 |
| Russian 6   | 16.0426 |
| Foreign Language Contract, Russian; Russian Independent Study                 | 16.0427 |
| Polish 4  | 16.0444 |
| Finnish 4   | 16.0454 |
| Modern Greek 4  | 16.0624 |
| Classical Greek 4   | 16.0634 |
| Portuguese 4  | 16.0929 |
| Portuguese 5  | 16.0930 |
| Hebrew 4  | 16.1114 |
| Arabic 4  | 16.1118 |
| Foreign Language Contract—Arabic Independent Study                            | 16.1119 |
| Portuguese for Native Speakers 4  | 16.1324 |
| <b>1_66E: Non-English Language—Other, AP/IB</b>                               |         |
| <b>1_67: Non-English Language, General/Survey</b>                             |         |
| Foreign Languages, Multiple Emphasis, Other                                   | 16.0100 |
| Foreign Language, Exploratory   | 16.0111 |
| <b>2: VOCATIONAL EDUCATION CURRICULUM</b>                                     |         |
| <b>2_A: Family and Consumer Sciences Education</b>                            |         |
| <b>2_AA: Family and Consumer Sciences Education, 1st Crse</b>                 |         |
| Home Economics 7; Comprehensive Consumer and Homemaking 7; Homemaking 7       | 20.0111 |
| Home Economics 8; Comprehensive Consumer and Homemaking 8; Homemaking 8       | 20.0112 |
| Home Economics 1; Comprehensive Consumer and Homemaking 1; Homemaking         |         |
| 1; Homemaking, General; Home Arts   | 20.0113 |
| Child Development 8   | 20.0121 |
| Child Development 1   | 20.0122 |
| Clothing 7  | 20.0131 |
| Clothing 8  | 20.0132 |
| Clothing 1; Sewing, Introduction; Sewing 1; Textiles and Clothing 1; Clothing |         |
| Construction  | 20.0133 |
| Consumer Education 1; Economic Survival; Economics, Personal; Comparison      |         |
| Buying and Budgeting; Money Management, Personal; You and Your Money          | 20.0141 |
| Family Health 1; Family Nursing   | 20.0161 |
| Foods and Nutrition 7   | 20.0181 |
| Foods and Nutrition 8   | 20.0182 |
| Foods 1; Nutrition and Food Management 1; Kitchen Survival; Meal Management;  |         |
| Family Meals; Foods Preparation, Basic  | 20.0183 |
| Home Management 1   | 20.0191 |
| General Home Economics 1  | 55.4011 |
| General Home Economics 1, not for credit                                      | 55.4019 |
| Food and Nutrition 1  | 55.4311 |
| Food and Nutrition 1, not for credit  | 55.4319 |

**2\_AB: Family and Consumer Sciences Education, >=2nd Crse**

|  |         |
|--|---------|
| Home Economics 2; Comprehensive Consumer and Homemaking Home Economics 2; Homemaking 2                   | 20.0114 |
| Home Economics 3; Comprehensive Consumer and Homemaking Home Economics 3; Homemaking 3                   | 20.0115 |
| Home Economics 4; Comprehensive Consumer and Homemaking Home Economics 4; Homemaking 4                   | 20.0116 |
| Child Development 2  | 20.0123 |
| Child Development 3  | 20.0124 |
| Child Development 4  | 20.0125 |
| Clothing 2; Sewing, Intermediate; Sewing 2; Textiles and Clothing 2; Clothing Construction, Intermediate | 20.0134 |
| Clothing 3; Sewing 3; Textiles and Clothing 3  | 20.0135 |
| Clothing 4; Sports Wear; Alterations   | 20.0136 |
| Tailoring  | 20.0137 |
| Consumer Education 2   | 20.0142 |
| Family Health 2; Family Nursing, Advanced  | 20.0162 |
| Foods 2; Nutrition and Food Management 2; Cooking for Compliments; Foods Preparation, Intermediate       | 20.0184 |
| Foods 3; Gourmet Foods; Foods, Experimental; Foods Preparation, Advanced                                 | 20.0185 |
| Foods 4  | 20.0186 |
| International Foods; Foreign Foods   | 20.0187 |
| Home Management 2  | 20.0192 |
| General Home Economics 2   | 55.4021 |
| General Home Economics 2, not for credit   | 55.4029 |
| General Home Economics 3   | 55.4031 |
| General Home Economics 3, not for credit   | 55.4039 |
| Food and Nutrition 2   | 55.4321 |
| Food and Nutrition 2, not for credit   | 55.4329 |

**2\_AC: Family and Consumer Sciences Education, Spec. Crse**

|  |         |
|--|---------|
| Home Economics, Other General  | 19.0100 |
| Business Home Economics, Other   | 19.0200 |
| Family and Community Services, Other   | 19.0300 |
| Family/Consumer Resource Management, Other                                       | 19.0400 |
| Food Sciences and Human Nutrition, Other   | 19.0500 |
| Human Environment and Housing, Other   | 19.0600 |
| Individual and Family Development, Other   | 19.0700 |
| International/Comparative Home Economics, Other                                  | 19.0800 |
| Textiles and Clothing, Other   | 19.0900 |
| Home Economics, Other  | 19.9900 |
| Consumer and Homemaking Home Economics, Other                                    | 20.0100 |
| Adult Roles and Functions; Independent Living; Survival Skills; Singles Survival | 20.0117 |
| Comprehensive Consumer and Homemaking Home Economics, Independent Study          | 20.0118 |
| Home Economics Laboratory Assistant  | 20.0153 |
| Home Economics Leadership  | 20.0154 |
| Family Relations; Family Sociology; Family Living                                | 20.0171 |
| Marriage Society and Change; Lifestyles  | 20.0172 |
| Parenthood; Parent Education; Parenting  | 20.0173 |
| Nutrition; Fitness Foods   | 20.0188 |

|   |         |
|---|---------|
| <b>2_B: General Labor Market Preparation (GLMP)</b>                                 |         |
| <b>2_B1: GLMP, Basic Keyboarding/Typewriting</b>                                    |         |
| Typewriting 1; Typewriting, Beginning; Typewriting, Business                        | 7.0711  |
| Typewriting, Personal; Word Processing, Personal                                    | 7.0721  |
| <b>2_B2: GLMP, Industrial Arts</b>  |         |
| Industrial Arts, Other  | 21.0100 |
| Industrial Arts 7   | 21.0101 |
| Industrial Arts 8   | 21.0102 |
| Industrial Arts 1; Shop 1, Exploratory; Shop, General; Industrial Materials 1;      |         |
| Industrial Arts Orientation; Industrial Crafts 1                                    | 21.0103 |
| Industrial Arts 2; Shop 2, Exploratory; Industrial Materials 2; Industrial Crafts 2 | 21.0104 |
| Industrial Arts 3   | 21.0105 |
| Industrial Arts 4   | 21.0106 |
| Industrial Production; Manufacturing and Production                                 | 21.0108 |
| Industrial Occupations 1; Industrial Cooperative Training; World of Construction    | 21.0109 |
| Electricity and Electronics, Introduction   | 21.0119 |
| General Industrial Arts 1   | 55.5011 |
| General Industrial Arts 1, not for credit   | 55.5019 |
| General Industrial Arts 2   | 55.5021 |
| General Industrial Arts 2, not for credit   | 55.5029 |
| General Industrial Arts 3   | 55.5031 |
| General Industrial Arts 3, not for credit   | 55.5039 |
| <b>2_B3: GLMP, Career Preparation/General Work Experience</b>                       |         |
| Junior Achievement; Student-Operated Company  | 8.0321  |
| Career Preparation; So You Want A Job; Business Opportunities; Job Entry            |         |
| Training; College and Career Planning; Guidance                                     | 32.0102 |
| Career Exploration; Vocations, Introduction; Career Development; Work               |         |
| Observational Experience; Career Education; Occupational Exploratory Program        | 32.0103 |
| Work Experience; Job Entry  | 32.0104 |
| Work Experience, Advanced; Job Training   | 32.0105 |
| Executive High School Internship 1  | 51.0101 |
| Executive High School Internship Program 2  | 51.0102 |
| International Careers Internship  | 51.0103 |
| Work Program (OJT off campus) EMH   | 52.0110 |
| Physically Handicapped Work Program   | 52.0902 |
| General Prevocational Preparation   | 55.0001 |
| General Prevocational Preparation, not for credit                                   | 55.0009 |
| Career Exploration  | 55.0101 |
| Career Exploration, not for credit  | 55.0109 |
| General Work-Study/Experience   | 55.0201 |
| General Work-Study/Experience, not for credit                                       | 55.0209 |
| General Work Experience   | 55.0301 |
| General Work Experience, not for credit   | 55.0309 |
| Resource Career Exploration/Prevocational Skills                                    | 56.3201 |
| Resource Career Exploration/Prevocational Skills, not for credit                    | 56.3209 |
| <b>2_B4: GLMP, Technology Education</b>   |         |
| Industry and Technology   | 21.0107 |
| Technology Education; Intro to Technology   | 21.0127 |

|  |         |
|--|---------|
| <b>2_B5: GLMP, Other</b>   |         |
| Combined Vocational/Academic Preparation   | 55.0401 |
| Combined Vocational/Academic Preparation, not for credit   | 55.0409 |
| <b>2_C: Specific Labor Market Preparation (SLMP)</b>   |         |
| <b>2_C01: SLMP - Agriculture and Renewable Resources</b>   |         |
| <b>2_C01A: Agriculture and Renewable Resources, 1st Crse</b>   |         |
| Agribusiness, Introduction; Agricultural Business  | 1.0111  |
| Agricultural Mechanics, General; Agricultural Construction and Maintenance                                   | 1.0211  |
| Agricultural Production, General; Production Agriculture   | 1.0311  |
| Agriculture Technology 1   | 1.0312  |
| Agricultural Products and Processing I   | 1.0411  |
| Horticulture; Plant Propagation  | 1.0611  |
| Landscaping; Landscaping and Home Fruit Production; Landscape Maintenance and Construction; Landscape Design | 1.0631  |
| Horticulture Mechanics I; Horticulture Power Equipment Operation and   | 1.0661  |
| Agricultural Sciences, General; Agriculture Fundamentals   | 2.0111  |
| Agricultural Occupations 1   | 2.0121  |
| Animal Sciences 1  | 2.0211  |
| Livestock 9  | 2.0221  |
| Small Animal Production  | 2.0271  |
| Ornamental Horticulture 1  | 2.0421  |
| Environmental Management 1   | 3.0212  |
| Forestry Science 1; Forestry, Introduction   | 3.0511  |
| Marine Management/Oceanography 1; Marine Technology 1  | 3.0711  |
| General Agriculture 1  | 55.1011 |
| General Agriculture 1, not for credit  | 55.1019 |
| Animal Care 1  | 55.1111 |
| Animal Care 1, not for credit  | 55.1119 |
| Plant Care 1   | 55.1211 |
| Plant Care 1, not for credit   | 55.1219 |
| Agricultural Mechanics 1   | 55.1311 |
| Agricultural Mechanics 1, not for credit   | 55.1319 |
| <b>2_C01B: Agriculture and Renewable Resources, &gt;=2nd Crse</b>  |         |
| Agricultural Mechanics 2   | 1.0212  |
| Agricultural Mechanics 3   | 1.0213  |
| Agricultural Mechanics 4   | 1.0214  |
| Agriculture Technology 2   | 1.0313  |
| Agricultural Products and Processing II  | 1.0412  |
| Landscaping, Advanced  | 1.0632  |
| Horticulture Mechanics II; Horticulture Mechanics—Cooperative Education                                      | 1.0662  |
| Agricultural Occupations 2   | 2.0122  |
| Agricultural Occupations 3   | 2.0123  |
| Agricultural Occupations 4   | 2.0124  |
| Animal Sciences 2  | 2.0212  |
| Livestock 10   | 2.0222  |
| Small Animal Production 2; Small Animal Production—Cooperative Education                                     | 2.0272  |
| Ornamental Horticulture 2  | 2.0422  |
| Ornamental Horticulture 3  | 2.0423  |
| Environmental Management 2   | 3.0213  |

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| Forestry Science 2   | 3.0512  |
| Marine Management/Oceanography 2; Marine Technology 2                    | 3.0712  |
| General Agriculture 2  | 55.1021 |
| General Agriculture 2, not for credit                                    | 55.1029 |
| General Agriculture 3  | 55.1031 |
| General Agriculture 3, not for credit                                    | 55.1039 |
| Animal Care 2  | 55.1121 |
| Animal Care 2, not for credit  | 55.1129 |
| Plant Care 2   | 55.1221 |
| Plant Care 2, not for credit   | 55.1229 |
| Agricultural Mechanics 2   | 55.1321 |
| Agricultural Mechanics 2, not for credit                                 | 55.1329 |
| <b>2_C01C: Agriculture and Renewable Resources, Specialty Crse</b>       |         |
| Agricultural Business and Management, Other                              | 1.0100  |
| Agricultural Business Operation; Agricultural Business Leadership        | 1.0121  |
| Farm and Ranch Management  | 1.0131  |
| State and Community Agriculture  | 1.0141  |
| Agricultural Microprocessing   | 1.0161  |
| Agriculture, Independent Study   | 1.0181  |
| Agricultural Mechanics, Other  | 1.0200  |
| Welding, Agricultural  | 1.0221  |
| Power and Machinery, Agricultural; Small Engines, Agricultural           | 1.0231  |
| Farm Construction  | 1.0241  |
| Electricity and Electronics, Agricultural                                | 1.0251  |
| Soil and Water Mechanical Practices                                      | 1.0261  |
| Surveying, Agricultural  | 1.0271  |
| Agricultural Production, Other   | 1.0300  |
| Animal and Veterinary Science; Animal Husbandry; Animal Production       | 1.0321  |
| Crop Production  | 1.0331  |
| Agricultural Products and Processing, Other                              | 1.0400  |
| Agricultural Services and Supplies, Other                                | 1.0500  |
| Agricultural Supplies Marketing  | 1.0511  |
| Animal Grooming; Pet Grooming  | 1.0521  |
| Horticulture, Other  | 1.0600  |
| Floriculture; Floriculture and Gardening                                 | 1.0621  |
| Greenhouse Management  | 1.0641  |
| Nursery Operations and Management; Nursery Practices; Nursery Management | 1.0651  |
| Turf Management  | 1.0671  |
| Fruit and Vegetable Production   | 1.0681  |
| International Agriculture, Other   | 1.0700  |
| Agribusiness and Agricultural Production, Other                          | 1.9900  |
| Agricultural Sciences, Other General                                     | 2.0100  |
| Animal Sciences, Other   | 2.0200  |
| Poultry  | 2.0231  |
| Dairy Production   | 2.0241  |
| Nutrition and Feeds  | 2.0251  |
| Horse Production   | 2.0261  |
| Horseshoeing/Farrier Training  | 2.0262  |
| Fish Production  | 2.0281  |

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| Food Sciences, Other  | 2.0300  |
| Plant Sciences, Other   | 2.0400  |
| Agronomy; Plant Science   | 2.0411  |
| Soil Sciences, Other  | 2.0500  |
| Soil Sciences, General  | 2.0511  |
| Agricultural Chemistry; Fertilizers and Chemicals                           | 2.0521  |
| Agricultural Sciences, Other  | 2.9900  |
| Renewable Natural Resources, Other General                                  | 3.0100  |
| Conservation and Regulation, Other  | 3.0200  |
| Conservation and Regulation; Soils, Forestry and Wildlife                   | 3.0211  |
| Fishing and Fisheries, Other  | 3.0300  |
| Waterman Occupations  | 3.0311  |
| Forestry Production and Processing, Other                                   | 3.0400  |
| Forestry and Related Sciences, Other  | 3.0500  |
| Wildlife Management, Other  | 3.0600  |
| Wildlife Management   | 3.0611  |
| Rural Recreation  | 3.0621  |
| Renewable Natural Resources, Other  | 3.9900  |
| Veterinary Science; Veterinary Aide   | 17.0571 |
| Veterinary Medicine, Other  | 18.2400 |
| Parks and Recreation, Other General   | 31.0100 |
| Parks and Recreation Management, Other                                      | 31.0300 |
| Water Resources, Other  | 31.0400 |
| Parks and Recreation, Other   | 31.9900 |
| <b>2_C01D: Agriculture and Renewable Resources, Coop/Work Experience</b>    |         |
| Agriculture Cooperatives; Agricultural Cooperative Education I              | 1.0171  |
| Agricultural Cooperative Education II                                       | 1.0172  |
| SOEP—Supervised Occupational Experience Program                             | 1.0182  |
| Agricultural Products and Processing—Cooperative Education                  | 1.0421  |
| Environmental Management—Cooperative Education                              | 3.0221  |
| Forestry Occupations—Work Experience; Forestry—Cooperative Education        | 3.0521  |
| Agricultural Work Study   | 55.1411 |
| Agricultural Work Study, not for credit                                     | 55.1419 |
| Agricultural Work Experience  | 55.1511 |
| Agricultural Work Experience, not for credit                                | 55.1519 |
| <b>2_C02: SLMP - Business</b>   |         |
| <b>2_C021: Business Management</b>  |         |
| <b>2_C021A: Business Management, 1st Crse</b>                               |         |
| Business Introduction; Business, General; Business Survey; Business, Basic; |         |
| Business Dynamics; Business Careers Overview                                | 6.0111  |
| Accounting/Business Management Careers—Integrated Curriculum                | 6.0211  |
| Financial Careers   | 6.0311  |
| Banking and Financial Careers   | 7.0201  |
| <b>2_C021B: Business Management, &gt;=2nd Crse</b>                          |         |
| <b>2_C021C: Business Management, Specialty Crse</b>                         |         |
| Business and Management, Other General                                      | 6.0100  |
| Business Law  | 6.0121  |
| Business, Independent Study   | 6.0131  |

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| Accounting, Other  | 6.0200  |
| Banking and Finance, Other   | 6.0300  |
| Real Estate Finance  | 6.0321  |
| Consumer Lending   | 6.0331  |
| Business Administration and Management, Other  | 6.0400  |
| Business Organization and Management; Business Management; Business Leadership; Junior Executive Training  | 6.0411  |
| Business Economics, Other  | 6.0500  |
| Business Economics   | 6.0511  |
| Human Resources Development, Other   | 6.0600  |
| International Business Management, Other   | 6.0900  |
| Investments and Securities, Other  | 6.1000  |
| Investments and Taxation   | 6.1011  |
| Labor Industrial Relations, Other  | 6.1100  |
| Management Information Systems, Other  | 6.1200  |
| Management Science, Other  | 6.1300  |
| Organizational Behavior, Other   | 6.1500  |
| Personnel Management, Other  | 6.1600  |
| Small Business Management and Ownership, Other   | 6.1800  |
| Small Business Management  | 6.1811  |
| Taxation, Other  | 6.1900  |
| Trade and Industrial Supervision and Management, Other   | 6.2000  |
| Business and Management, Other   | 6.9900  |
| Office Supervision and Management, Other   | 7.0400  |
| Personnel and Training Programs, Other   | 7.0500  |
| Winter/Ski Resort Operation  | 31.0211 |
| Accounting/Business Management Careers—Integrated Curriculum   |         |
| <b>2_C021D: Business Management, Coop/Work Experience</b>  |         |
| Business Education, Cooperative  | 6.0141  |
| Banking and Financial Careers—Cooperative Education  | 7.0251  |
| <b>2_C022: Business Services</b>   |         |
| <b>2_C022A: Business Services, 1st Crse</b>  |         |
| Bookkeeping 1; Bookkeeping, Beginning  | 7.0111  |
| Accounting 1; Clerical Accounting 1  | 7.0121  |
| Bookkeeping and Accounting 1   | 7.0141  |
| Recordkeeping 1; Recordkeeping, Clerical   | 7.0151  |
| Office Machines; Business Machines; Adding and Calculating Machines  | 7.0161  |
| Office Machines, Vocational  | 7.0162  |
| Bank Data Entry Occupations  | 7.0241  |
| Computers In Business; Business Computer Concepts  | 7.0311  |
| Business Data Processing 1   | 7.0321  |
| Business Computer Programming 1; Business Computer Applications  | 7.0331  |
| Data Entry Operator 1; Computer Operator   | 7.0351  |
| Peripheral Computer Operator   | 7.0371  |
| Shorthand 1; Stenography 1; Shorthand, Beginning   | 7.0611  |
| Secretarial Administration 1; Secretarial Practice; Secretarial Procedures; Secretarial Office Practice; Secretarial Typewriting, Integrated; Secretarial Skills, Integrated | 7.0631  |
| Word Processing 1  | 7.0641  |

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| Office Procedures 1; Office Practice 1; Office Specialist 1; Automated Office 1; Office Skills, Integrated; Clerk Typist; Office Technology 1; Business Careers 1; Office Services 1; Clerk Typist 1 | 7.0731  |
| Desktop Publishing   | 48.0271 |
| General Office Practice 1  | 55.2011 |
| General Office Practice 1, not for credit  | 55.2019 |
| Office Machines 1  | 55.2111 |
| <b>2_C022B: Business Services, &gt;=2nd Crse</b>   |         |
| Bookkeeping 2; Bookkeeping, Advanced   | 7.0112  |
| Accounting 2; Accounting, Advanced; Accounting Careers; Clerical Accounting 2  | 7.0122  |
| Accounting, College  | 7.0131  |
| Bookkeeping and Accounting 2   | 7.0142  |
| Recordkeeping 2; Recordkeeping Techniques, Specialized   | 7.0152  |
| Business Data Processing 2   | 7.0322  |
| Business Computer Programming 2  | 7.0332  |
| Data Entry Operator 2  | 7.0352  |
| Shorthand 2; Stenography 2; Shorthand, Advanced; Stenography, Advanced   | 7.0612  |
| Secretarial Administration 2   | 7.0632  |
| Word Processing 2  | 7.0642  |
| Word Processing 3; Advanced Word Processing Applications   | 7.0643  |
| Typewriting 2; Typewriting, Advanced   | 7.0712  |
| Typewriting 3; Typewriting, Executive; Typewriting, Career   | 7.0713  |
| Office Procedures 2; Office Practice 2; Office Career Occupations; Automated Office 2; Office Careers 2; Office Technology 2; Office Specialist 2; Clerk Typist 2; Business Careers 2                | 7.0732  |
| Simulated Office; Model Office; Office Practice, Advanced; Business Experience, Simulated; Business Careers 3; Office Pool; Office Services, Advanced  | 7.0733  |
| General Office Practice 2  | 55.2021 |
| General Office Practice 3  | 55.2031 |
| Office Machines 2  | 55.2121 |
| <b>2_C022C: Business Services, Specialty Crse</b>  |         |
| Accounting, Bookkeeping, and Related Programs, Other   | 7.0100  |
| Banking and Related Financial Programs, Other  | 7.0200  |
| Bank Teller  | 7.0211  |
| Financial Mathematics  | 7.0221  |
| Bank Proof Operator  | 7.0231  |
| Business Data Processing and Related Programs, Other   | 7.0300  |
| Keypunch Operator  | 7.0341  |
| Keyboarding  | 7.0361  |
| Secretarial and Related Programs, Other  | 7.0600  |
| Transcription; Dictation and Transcription; Transcription, Machine; Touch Shorthand; Machine Shorthand   | 7.0621  |
| Reprographics  | 7.0651  |
| Legal Office Procedures; Legal Secretary   | 7.0661  |
| Court Reporter   | 7.0662  |
| Medical Office Procedures; Medical Office Assisting; Medical Secretary   | 7.0671  |
| Legal/Medical Office Procedures  | 7.0681  |
| Typing, General Office, and Related Programs, Other  | 7.0700  |

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| Business and Office, Other  | 7.9900  |
| Telephone Directory Assistant   | 8.0782  |
| Medical Records Secretary   | 17.0541 |
| <b>2_C022D: Business Services, Coop/Work Experience</b>   |         |
| Office Education 1, Cooperative; Clerical On The Job Training; Office Training, Vocational; Office Occupations Work Experience                        | 7.0741  |
| Office Education 2, Cooperative   | 7.0742  |
| Business Work Study 1   | 55.2211 |
| Business Work Study 2   | 55.2221 |
| Business Work Experience 1  | 55.2311 |
| Business Work Experience 2  | 55.2321 |
| <b>2_C03: SLMP - Marketing and Distribution</b>   |         |
| <b>2_C03A: Marketing and Distribution, 1st Crse</b>   |         |
| Insurance Careers   | 6.0811  |
| Distributive Education 1; Sales and Marketing; Retailing and Merchandising; Distribution and Marketing; Distribution 1; Marketing and Distribution 1; | 8.0711  |
| <b>2_C03B: Marketing and Distribution, &gt;=2nd Crse</b>  |         |
| Distributive Education 2; Distribution 2; Marketing and Distribution 2  | 8.0712  |
| Distributive Education 3  | 8.0713  |
| <b>2_C03C: Marketing and Distribution, Specialty Crse</b>   |         |
| Institutional Management, Other   | 6.0700  |
| Insurance and Risk Management, Other  | 6.0800  |
| Marketing Management and Research, Other  | 6.1400  |
| Marketing Management and Decision Making; Marketing Studies; Merchandising and Sales Management   | 6.1411  |
| Real Estate, Other  | 6.1700  |
| Real Estate Marketing   | 6.1711  |
| Apparel and Accessories Marketing, Other  | 8.0100  |
| Fashion Merchandising   | 8.0111  |
| Fashion Design and Illustration   | 8.0121  |
| Business and Personal Services Marketing, Other   | 8.0200  |
| Entrepreneurship, Other   | 8.0300  |
| Starting Your Own Business  | 8.0311  |
| Financial Services Marketing, Other   | 8.0400  |
| Floristry, Farm and Garden Supplies Marketing, Other  | 8.0500  |
| Floral Sales  | 8.0511  |
| Food Marketing, Other   | 8.0600  |
| Grocery Management; Wholesale/Retail Grocery Operation  | 8.0612  |
| General Marketing, Other  | 8.0700  |
| Salesmanship  | 8.0731  |
| Retail Learning Laboratory  | 8.0741  |
| Cashier Checker Training  | 8.0751  |
| Warehousing Industrial and Wholesale Material Handling  | 8.0761  |
| Distributive Education, Independent Study   | 8.0771  |
| Telephone Service Representative  | 8.0781  |
| Home and Office Products Marketing, Other   | 8.0800  |
| Computer Sales Representative   | 8.0811  |
| Hospitality and Recreation Marketing, Other   | 8.0900  |
| Insurance Marketing, Other  | 8.1000  |

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| Transportation and Travel Marketing, Other   | 8.1100  |
| Tourism Services   | 8.1111  |
| Vehicles and Petroleum Marketing, Other  | 8.1200  |
| Auto Parts Merchandising   | 8.1211  |
| Automotive Service Station Operation; Automotive Professional Training                     | 8.1221  |
| Marketing and Distribution, Other  | 8.9900  |
| Advertising, Other   | 9.0200  |
| Advertising  | 9.0211  |
| <b>2_C03D: Marketing and Distribution, Coop/Work Experience</b>                            |         |
| Fashion Merchandising—Cooperative Education 1  | 8.0131  |
| Fashion Merchandising—Cooperative Education 2  | 8.0132  |
| Food Marketing—Cooperative Education 1   | 8.0621  |
| Food Marketing—Cooperative Education 2   | 8.0622  |
| Distributive Education 1, Cooperative; Store Experience; Marketing Occupational Experience | 8.0721  |
| Distributive Education 2, Cooperative  | 8.0722  |
| Entertainment Park/Tourism—Cooperative Education   | 8.1121  |
| <b>2_C04: SLMP - Health Care</b>   |         |
| <b>2_C04A: Health Care, 1st Crse</b>   |         |
| Dental Assistant 1; Dental Office Assisting  | 17.0111 |
| Dental Technology 1  | 17.0131 |
| Laboratory Program 1; Health Technology  | 17.0311 |
| Health Occupations 1; Health Careers; Medical Career Opportunities                         | 17.0511 |
| Medical Assisting  | 17.0551 |
| Health Office; Student Assessment of Child Health  | 17.0611 |
| Nursing, Introduction; Nursing, Practical  | 17.0621 |
| Nurse Aide and Orderly; Nurse's Assistant; Patient Care Technician                         | 17.0631 |
| General Health Occupations 1   | 55.3011 |
| General Health Occupations 1, not for credit   | 55.3019 |
| <b>2_C04B: Health Care, &gt;=2nd Crse</b>  |         |
| Dental Assistant 2   | 17.0112 |
| Dental Technology 2  | 17.0132 |
| Laboratory Program 2   | 17.0312 |
| General Health Occupations 2   | 55.3021 |
| General Health Occupations 2, not for credit   | 55.3029 |
| General Health Occupations 3   | 55.3031 |
| General Health Occupations 3, not for credit   | 55.3039 |
| <b>2_C04C: Health Care, Specialty Crse</b>   |         |
| Dental Services, Other   | 17.0100 |
| Diagnostic and Treatment Services, Other   | 17.0200 |
| First Aid; CPR and First Aid; Medical Emergencies; Emergency Medical EKG Technician        | 17.0211 |
| EKG Technician   | 17.0221 |
| Medical Laboratory Technologies Other  | 17.0300 |
| Mental Health/Human Services, Other  | 17.0400 |
| Home Health Aide   | 17.0411 |
| Community Health   | 17.0421 |
| Mental Health Worker; Psychiatric Aide   | 17.0431 |
| Miscellaneous Allied Health Services, Other  | 17.0500 |
| Central Service Technician   | 17.0522 |

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| Medical Terminology  | 17.0531 |
| Chemistry for Health Science; Medicinal Chemistry; Nursing Chemistry | 17.0581 |
| Health Occupations, Independent Study                                | 17.0591 |
| Nursing-Related Services, Other                                      | 17.0600 |
| Ophthalmic Services, Other   | 17.0700 |
| Optical Services Assistant   | 17.0711 |
| Rehabilitation Services, Other                                       | 17.0800 |
| Allied Health, Other   | 17.9900 |
| Audiology and Speech Pathology, Other                                | 18.0100 |
| Basic Clinical Health Sciences, Other                                | 18.0200 |
| Chiropractic, Other  | 18.0300 |
| Dentistry, Other   | 18.0400 |
| Emergency/Disaster Science, Other                                    | 18.0500 |
| Epidemiology, Other  | 18.0600 |
| Health Sciences Administration, Other                                | 18.0700 |
| Hematology, Other  | 18.0800 |
| Medical Laboratory, Other  | 18.0900 |
| Medicine, Other  | 18.1000 |
| Nursing, Other   | 18.1100 |
| Optometry, Other   | 18.1200 |
| Osteopathic Medicine, Other  | 18.1300 |
| Pharmacy, Other  | 18.1400 |
| Pharmacy Technician  | 18.1411 |
| Podiatry, Other  | 18.1500 |
| Population and Family Planning, Other                                | 18.1600 |
| Pre-Dentistry, Other   | 18.1700 |
| Pre-Medicine, Other  | 18.1800 |
| Medical Ethics   | 18.1801 |
| Pre-Pharmacy, Other  | 18.1900 |
| Pre-Veterinary, Other  | 18.2000 |
| Prosecutorial Science, Other   | 18.2100 |
| Public Health Laboratory Science, Other                              | 18.2200 |
| Toxicology (Clinical), Other   | 18.2300 |
| Health Sciences, Other   | 18.9900 |
| Dietetic Aide  | 20.0461 |

## **2\_C04D: Health Care, Coop/Work Experience**

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| Dental Assistant, Cooperative  | 17.0121 |
| Health Occupations 2; Health Occupations Training Medical Careers Work | 17.0521 |
| Health Occupations—Cooperative Education 1                             | 17.0592 |
| Health Occupations—Cooperative Education 2                             | 17.0593 |
| Nurse Aide, Cooperative  | 17.0641 |
| Health Occupations Work Study 1  | 55.3111 |
| Health Occupations Work Study 1, not for credit                        | 55.3119 |
| Health Occupations Work Study 2  | 55.3121 |
| Health Occupations Work Study 2, not for credit                        | 55.3129 |
| Health Occupations Work Experience 1                                   | 55.3211 |
| Health Occupations Work Experience 1, not for credit                   | 55.3219 |
| Health Occupations Work Experience 2                                   | 55.3221 |
| Health Occupations Work Experience 2, not for credit                   | 55.3229 |

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| <b>2_C05: SLMP - Public and Protective Services</b>                             |         |
| <b>2_C05A: Public and Protective Services, 1st Crse</b>                         |         |
| Police Science; Law Enforcement; Criminal Justice                               | 43.0111 |
| Fire Fighting Practices; Fire Science   | 43.0211 |
| Human Services  | 44.0711 |
| <b>2_C05B: Public and Protective Services, &gt;=2nd Crse</b>                    |         |
| <b>2_C05C: Public and Protective Services, Specialty Crse</b>                   |         |
| Criminal Justice, Other   | 43.0100 |
| Forensic Studies; Law Science   | 43.0121 |
| Fire Protection, Other  | 43.0200 |
| Security Guard  | 43.0311 |
| Protective Services, Other  | 43.9900 |
| Public Affairs, Other General   | 44.0100 |
| Community Services, Other   | 44.0200 |
| Public Administration, Other  | 44.0400 |
| Public Policy Studies, Other  | 44.0500 |
| Public Works, Other   | 44.0600 |
| Social Work, Other  | 44.0700 |
| Public Affairs, Other   | 44.9900 |
| Criminology, Other  | 45.0400 |
| <b>2_C05D: Public and Protective Services, Coop/Work Experience</b>             |         |
| <b>2_C06: SLMP - Trade and Industry</b>   |         |
| <b>2_C061: (T&amp;I) Construction Trades</b>                                    |         |
| <b>2_C061A: (T&amp;I) Construction Trades, 1st Crse</b>                         |         |
| Electricity 1; Electrical Trades; Electricity, Basic                            | 21.0113 |
| Bricklaying and Masonry 1; Masonry 1  | 46.0111 |
| Carpentry 1   | 46.0211 |
| Housewiring 1; Residential Wiring   | 46.0311 |
| Building Construction 1; House Construction; Building Trades 1; Home Mechanics; |         |
| Manufactured Housing Assembly 1   | 46.0411 |
| Building Maintenance  | 46.0431 |
| Home Maintenance and Repair   | 46.0441 |
| Plumbing 1  | 46.0511 |
| General Construction Trades 1   | 55.8011 |
| General Construction Trades 1, not for credit                                   | 55.8019 |
| Brickmasonry, Stonemasonry, and Tile Setting 1                                  | 55.8111 |
| Brickmasonry, Stonemasonry, and Tile Setting 1, not for credit                  | 55.8119 |
| Carpentry 1   | 55.8211 |
| Carpentry 1, not for credit   | 55.8219 |
| Plumbing 1  | 55.8311 |
| Plumbing 1, not for credit  | 55.8319 |
| <b>2_C061B: (T&amp;I) Construction Trades, &gt;=2nd Crse</b>                    |         |
| Electricity 2; Electrical Trades, Advanced; Electrical Wiring Practices         | 21.0114 |
| Bricklaying and Masonry 2; Masonry 2; Masonry, Advanced                         | 46.0112 |
| Masonry 3   | 46.0113 |
| Carpentry 2; Structural Woods; Carpentry, Advanced                              | 46.0212 |
| Carpentry 3   | 46.0213 |

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| Housewiring 2  | 46.0312 |
| Building Construction 2; Building Trades 2; Manufactured Housing Assembly 2                | 46.0412 |
| Building Construction 3; Building Trades 3; Manufactured Housing Assembly 3                | 46.0413 |
| Plumbing 2   | 46.0512 |
| General Construction Trades 2  | 55.8021 |
| General Construction Trades 2, not for credit  | 55.8029 |
| General Construction Trades 3  | 55.8031 |
| General Construction Trades 3, not for credit  | 55.8039 |
| Brickmasonry, Stonemasonry, and Tile Setting 2   | 55.8121 |
| Brickmasonry, Stonemasonry, and Tile Setting 2, not for credit                             | 55.8129 |
| Carpentry 2  | 55.8221 |
| Carpentry 2, not for credit  | 55.8229 |
| Plumbing 2   | 55.8321 |
| Plumbing 2, not for credit   | 55.8329 |
| <b>2_C061C: (T&amp;I) Construction Trades, Specialty Crse</b>                              |         |
| Brickmasonry, Stonemasonry, and Tile Setting, Other  | 46.0100 |
| Tile Setting and Plastering  | 46.0121 |
| Concrete Technician  | 46.0131 |
| Carpentry, Other   | 46.0200 |
| Electrical and Power Transmission Installation, Other                                      | 46.0300 |
| Electric Power and Communications Lineworker   | 46.0321 |
| Miscellaneous Construction Trades, Other   | 46.0400 |
| Painting and Decorating  | 46.0421 |
| Flooring Installation  | 46.0422 |
| Plumbing, Pipefitting, and Steamfitting, Other   | 46.0500 |
| Construction Trades, Other   | 46.9900 |
| <b>2_C061D: (T&amp;I) Construction Trades, Coop/Work Experience</b>                        |         |
| Electricity—Cooperative Education 1  | 21.0130 |
| Electricity—Cooperative Education 2  | 21.0131 |
| Electricity/Electronics—Cooperative Education 1  | 21.0150 |
| Electricity/Electronics—Cooperative Education 2  | 21.0151 |
| Building Construction—Cooperative Education 1; Construction Trades—Cooperative Education 1 | 46.0451 |
| Building Construction—Cooperative Education 2; Construction Trades—Cooperative Education 2 | 46.0452 |
| Construction Trades Work Study 1   | 55.8411 |
| Construction Trades Work Study 1, not for credit   | 55.8419 |
| Construction Trades Work Study 2   | 55.8421 |
| Construction Trades Work Study 2, not for credit   | 55.8429 |
| Construction Trades Work Experience 1  | 55.8511 |
| Construction Trades Work Experience 1, not for credit                                      | 55.8519 |
| Construction Trades Work Experience 2  | 55.8521 |
| Construction Trades Work Experience 2, not for credit                                      | 55.8529 |
| <b>2_C062: (T&amp;I) Mechanics and Repair</b>  |         |
| <b>2_C062A: (T&amp;I) Mechanics and Repair, 1st Crse</b>                                   |         |
| Industrial Maintenance/Mechanics 1   | 12.0531 |
| Radio and TV Repair 1; Television Repair; Electronic Servicing                             | 47.0121 |
| Appliance Repair 1; Major Appliance Repair   | 47.0131 |

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| Air Conditioning, Refrigeration, and Heating; Refrigeration and Air Conditioning 1; |         |
| Commercial Heating and Air Conditioning   | 47.0211 |
| Industrial Mechanics 1; Heavy Equipment Mechanics; Industrial Equipment             | 47.0311 |
| Industrial Maintenance Mechanics 1  | 47.0331 |
| Petroleum Drilling Equipment Operation and Maintenance 1                            | 47.0341 |
| Shoe Repair and Orthopedics 1   | 47.0431 |
| Power Mechanics 1; Power Conversion 1; Power Technology 1; Energy and               |         |
| Transportation 1  | 47.0511 |
| Small Engine Repair 1; Small Engine Maintenance; Mechanics Trades; Small Gas        |         |
| Maintenance; Motorcycle and Recreational Vehicle Repair                             | 47.0611 |
| Auto Mechanics 1; Auto Repair; Auto Engines; Vehicle Power                          | 47.0621 |
| Auto Body 1; Auto Body and Fender; Auto Body Repair; Body and Fender                | 47.0631 |
| Auto Service 1; Auto Maintenance  | 47.0641 |
| Auto Owner Maintenance; Consumer Auto   | 47.0651 |
| Airframes 1   | 47.0661 |
| Aviation Powerplant 1   | 47.0671 |
| Aviation Quality Control 1  | 47.0681 |
| Aircraft Sheetmetal 1   | 47.0691 |
| Auto Service 1  | 55.9011 |
| Auto Service 1, not for credit  | 55.9019 |
| <b>2_C062B: (T&amp;I) Mechanics and Repair, &gt;=2nd Crse</b>                       |         |
| Industrial Maintenance/Mechanics 2  | 12.0532 |
| Radio and TV Repair 2   | 47.0122 |
| Radio and TV Repair 3   | 47.0123 |
| Appliance Repair 2; Appliance Repair, Advanced                                      | 47.0132 |
| Air Conditioning, Refrigeration, and Heating, Advanced; Refrigeration and Air       |         |
| Conditioning 2  | 47.0212 |
| Air Conditioning, Refrigeration, and Heating 3                                      | 47.0213 |
| Industrial Mechanics 2  | 47.0312 |
| Industrial Maintenance Mechanics 2  | 47.0332 |
| Petroleum Drilling Equipment Operation and Maintenance 2                            | 47.0342 |
| Petroleum Drilling Equipment Operation and Maintenance 3                            | 47.0343 |
| Shoe Repair and Orthopedics 2   | 47.0432 |
| Power Mechanics 2; Power Technology 2; Energy and Transportation 2                  | 47.0512 |
| Power Mechanics 3   | 47.0513 |
| Power Mechanics 4   | 47.0514 |
| Small Engine Repair 2; Mechanics Trades, Advanced                                   | 47.0612 |
| Auto Mechanics 2; Automotive Technology; Auto Tuneup                                | 47.0622 |
| Auto Mechanics 3; Auto Mechanics, Advanced  | 47.0623 |
| Auto Body 2; Auto Body Repair, Advanced   | 47.0632 |
| Auto Body 3   | 47.0633 |
| Auto Service 2  | 47.0642 |
| Airframes 2   | 47.0662 |
| Aviation Powerplant 2   | 47.0672 |
| Aviation Powerplant 3   | 47.0673 |
| Aviation Powerplant 4   | 47.0674 |
| Aviation Quality Control 2  | 47.0682 |
| Aircraft Sheetmetal 2   | 47.0692 |
| Auto Service 2  | 55.9021 |

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| Auto Service 2, not for credit   | 55.9029 |
| <b>2_C062C: (T&amp;I) Mechanics and Repair, Specialty Crse</b>                     |         |
| Electrical and Electronic Equipment Repair, Other                                  | 47.0100 |
| Small Appliance Repair   | 47.0111 |
| Vending Machine Repair   | 47.0141 |
| Business Machine Repair; Office Machine Repair                                     | 47.0151 |
| Industrial Electricity   | 47.0161 |
| Industrial Electronics   | 47.0171 |
| Food Processing Machine Maintenance Technician/Repair                              | 47.0181 |
| Heating, Air Conditioning, and Refrigeration Mechanics, Other                      | 47.0200 |
| Industrial Equipment Maintenance and Repair, Other                                 | 47.0300 |
| Diesel Mechanics   | 47.0321 |
| Miscellaneous Mechanics and Repairers, Other                                       | 47.0400 |
| Musical Instrument Repair  | 47.0411 |
| Instrument Maintenance and Repair  | 47.0421 |
| Watch and Clock Repair   | 47.0433 |
| Bicycle Repair   | 47.0434 |
| Stationary Energy Sources, Other   | 47.0500 |
| Hydraulics and Pneumatics  | 47.0521 |
| Vehicle and Mobile Equipment Mechanics and Repairers, Other                        | 47.0600 |
| Mechanics and Repairers, Other   | 47.9900 |
| <b>2_C062D: (T&amp;I) Mechanics and Repair, Coop/Work Experience</b>               |         |
| Auto Mechanics—Cooperative Education 1   | 47.0624 |
| Auto Mechanics—Cooperative Education 2   | 47.0625 |
| Auto Service Work Experience 1   | 55.9111 |
| Auto Service Work Experience 2, not for credit                                     | 55.9119 |
| Auto Service Work Experience 2   | 55.9121 |
| Auto Service Work Experience 2, not for credit                                     | 55.9129 |
| <b>2_C063: (T&amp;I) Precision Production</b>                                      |         |
| <b>2_C0631: (T&amp;I) Precision Production (Drafting/Graphics/Printing)</b>        |         |
| <b>2_C0631A: (T&amp;I) Prec. Prod. (Drafting/Graphics/Printing), 1st Crse</b>      |         |
| Computer-Assisted Design/Drafting (CAD)  | 15.0431 |
| Drafting 1; Mechanical Drawing 1; Projection Theory; Drafting Fundamentals         | 48.0111 |
| Architectural Drawing 1; Architectural Drafting                                    | 48.0121 |
| Engineering Drawing 1; Engineering Drafting; Engineering Graphics 1                | 48.0131 |
| Commercial Art 1; Advertising Design   | 48.0211 |
| Graphic Arts 1; Printing, Introduction; Production Printing; Graphic               | 48.0221 |
| Sign Painting 1; Lettering   | 48.0231 |
| Graphic Design   | 50.0411 |
| Graphic and Printing Communications 1  | 55.7111 |
| Graphic and Printing Communications 1, not for credit                              | 55.7119 |
| <b>2_C0631B: (T&amp;I) Prec. Prod. (Drafting/Graphics/Printing), &gt;=2nd Crse</b> |         |
| Architecture, Advanced   | 4.0212  |
| Drafting 2; Mechanical Drawing 2; Projection, Applied; Drafting, Technical         | 48.0112 |
| Drafting 3; Mechanical Drawing 3; Machine Drawing; Illustration, Technical         | 48.0113 |
| Drafting 4; Mechanical Drawing 4   | 48.0114 |
| Architectural Drawing 2  | 48.0122 |
| Architectural Drawing 3  | 48.0123 |
| Architectural Drawing 4; Architectural Model Building                              | 48.0124 |

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| Engineering Drawing 2; Engineering Graphics 2                                       | 48.0132 |
| Commercial Art 2; Advertising and Illustration, Advanced                            | 48.0212 |
| Commercial Art 3; Advanced Commercial Art   | 48.0214 |
| Graphic Arts 2; Printing, Advanced; Graphic Communications 2                        | 48.0222 |
| Graphic Arts 4  | 48.0224 |
| Sign Painting 2   | 48.0232 |
| Sign Painting 3   | 48.0233 |
| Graphic and Printing Communications 2   | 55.7121 |
| Graphic and Printing Communications 2, not for credit                               | 55.7129 |
| <b>2_C0631C: (T&amp;I) Prec. Prod. (Drafting/Graphics/Printing), Specialty Crse</b> |         |
| Architecture and Environmental Design, Other General                                | 4.0100  |
| Architecture, Other   | 4.0200  |
| Architectural Theory  | 4.0221  |
| City, Community, and Regional Planning, Other                                       | 4.0300  |
| Environmental Design, Other   | 4.0400  |
| Landscape Architecture, Other   | 4.0600  |
| Urban Design, Other   | 4.0700  |
| Architecture and Environmental Design, Other  | 4.9900  |
| Drafting, Other   | 48.0100 |
| Blueprint Reading; Sketching and Blueprint Reading                                  | 48.0141 |
| Graphic and Printing Communications, Other  | 48.0200 |
| Bindery   | 48.0241 |
| Electronic Composition  | 48.0251 |
| Copy Editing  | 48.0261 |
| Design, Other   | 50.0400 |
| Graphic Arts Technology, Other  | 50.0800 |
| Computer Graphics Design; Computer Art  | 50.0811 |
| <b>2_C0632: (T&amp;I) Precision Production (Metals/Woods/Plastics)</b>              |         |
| <b>2_C0632A: (T&amp;I) Prec. Prod. (Metals/Woods/Plastics), 1st Crse</b>            |         |
| Machine Shop 1; Machine Lab; Industrial Machine                                     | 21.0121 |
| Metal 1; Metal Class; Metal Lab; Metalwork; Metal Trades; Machine Metals            | 48.0511 |
| Welding 1   | 48.0521 |
| Sheet Metal 1   | 48.0531 |
| Foundry 1   | 48.0551 |
| Plastics 1  | 48.0611 |
| Woodworking 1; Wood 1; Woodworking, Basic   | 48.0711 |
| Cabinetmaking 1; Millwork   | 48.0731 |
| <b>2_C0632B: (T&amp;I) Prec. Prod. (Metals/Woods/Plastics), &gt;=2nd Crse</b>       |         |
| Machine Shop 2  | 21.0122 |
| Machine Shop 3  | 21.0123 |
| Machine Shop 4  | 21.0124 |
| Metal 2; Metalwork, Advanced  | 48.0512 |
| Metal 3   | 48.0513 |
| Metal 4   | 48.0514 |
| Welding 2   | 48.0522 |
| Welding 3   | 48.0523 |
| Sheet Metal 2   | 48.0532 |
| Foundry 2   | 48.0552 |
| Plastics 2  | 48.0612 |

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| Woodworking 2; Wood 2; Machine Woodworking; Wood Products                      | 48.0712 |
| Woodworking 3; Wood 3; Woodworking, Advanced                                   | 48.0713 |
| Woodworking 4; Wood 4  | 48.0714 |
| Cabinetmaking 2  | 48.0732 |
| <b>2_C0632C: (T&amp;I) Prec. Prod. (Metals/Woods/Plastics), Specialty Crse</b> |         |
| Precision Metal Work, Other  | 48.0500 |
| Metal Restoration  | 48.0541 |
| Precision Work, Assorted Materials, Other                                      | 48.0600 |
| Spaceage Plastics  | 48.0621 |
| Woodworking, Other   | 48.0700 |
| Furniture Refinishing  | 48.0721 |
| Adaptive Foundry EMH   | 52.0107 |
| <b>2_C0633: (T&amp;I) Precision Production (Other)</b>                         |         |
| <b>2_C0633A: (T&amp;I) Precision Production (Other), 1st Crse</b>              |         |
| Architecture, Introduction   | 4.0211  |
| Photography, Commercial; Photojournalism                                       | 10.0131 |
| Electronics 1; Electronics, Basic; Circuits, Fundamental                       | 21.0115 |
| Leatherwork 1  | 48.0311 |
| Upholstery   | 48.0321 |
| Meatcutting 1  | 48.0411 |
| Leatherwork and Upholstery 1   | 55.7211 |
| Leatherwork and Upholstery 1, not for credit                                   | 55.7219 |
| Meatcutting 1  | 55.7311 |
| Meatcutting 1, not for credit  | 55.7319 |
| <b>2_C0633B: (T&amp;I) Precision Production (Other), &gt;=2nd Crse</b>         |         |
| Advanced Commercial Photography  | 10.0132 |
| Industrial Occupations 2; Industrial Cooperative Training, Advanced            | 21.0110 |
| Electronics 2; Electronics, Digital  | 21.0116 |
| Electronics 3  | 21.0117 |
| Electronics 4  | 21.0118 |
| Electricity and Electronics, Advanced  | 21.0120 |
| Leatherwork 2  | 48.0312 |
| Upholstery, Advanced   | 48.0322 |
| Meatcutting 2  | 48.0412 |
| Leatherwork and Upholstery 2   | 55.7221 |
| Leatherwork and Upholstery 2, not for credit                                   | 55.7229 |
| Meatcutting 2  | 55.7321 |
| Meatcutting 2, not for credit  | 55.7329 |
| <b>2_C0633C: (T&amp;I) Precision Production (Other), Specialty Crse</b>        |         |
| Industrial Education Management Trainee  | 21.0125 |
| Industrial Arts Research; Industrial Arts, Independent Study                   | 21.0126 |
| Leatherworking and Upholstering, Other   | 48.0300 |
| Auto Upholstery  | 48.0331 |
| Precision Food Production, Other   | 48.0400 |
| Precision Production, Other  | 48.9900 |
| <b>2_C0634: (T&amp;I) Precision Production, Coop/Work Experience</b>           |         |
| Industrial Cooperative Work Experience   | 21.0111 |
| Industrial Cooperative Work Experience, Advanced                               | 21.0112 |
| Electronics—Cooperative Education 1  | 21.0140 |

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| Electronics—Cooperative Education 2  | 21.0141 |
| Drafting 1, Cooperative  | 48.0151 |
| Drafting 2, Cooperative  | 48.0152 |
| Commercial Art, Cooperative  | 48.0213 |
| Graphic Arts 3; Printing Production—Cooperative                                    | 48.0223 |
| Welding—Cooperative Education  | 48.0524 |
| Precision Production Work Study 1  | 55.7411 |
| Precision Production Work Study 1, not for credit                                  | 55.7419 |
| Precision Production Work Study 2  | 55.7421 |
| Precision Production Work Study 2, not for credit                                  | 55.7429 |
| Precision Production Work Experience 1   | 55.7511 |
| Precision Production Work Experience 1, not for credit                             | 55.7519 |
| Precision Production Work Experience 2   | 55.7521 |
| Precision Production Work Experience 2, not for credit                             | 55.7529 |
| <b>2_C064: (T&amp;I) Transportation and Material Moving</b>                        |         |
| <b>2_C064A: (T&amp;I) Transportation and Material Moving, 1st Crse</b>             |         |
| Aeronautics 1; Aerospace for Today   | 49.0111 |
| Aviation Technology 1; Aviation, General; Avionics Technology                      | 49.0121 |
| Aircraft Parts Management 1  | 49.0141 |
| Marine Engine and Boat Repair 1; Marine Mechanics, Basic                           | 49.0311 |
| Transportation Technology 1; Introduction to Transportation Industry               | 49.0411 |
| <b>2_C064B: (T&amp;I) Transportation and Material Moving, &gt;=2nd Crse</b>        |         |
| Aeronautics 2  | 49.0112 |
| Aviation Technology 2  | 49.0122 |
| Aviation Technology 3  | 49.0123 |
| Aviation Technology 4  | 49.0124 |
| Aircraft Parts Management 2  | 49.0142 |
| Marine Engine and Boat Repair 2; Marine Mechanics, Advanced                        | 49.0312 |
| Transportation Technology 2  | 49.0412 |
| <b>2_C064C: (T&amp;I) Transportation and Material Moving, Specialty Crse</b>       |         |
| Air Transportation, Other  | 49.0100 |
| Air Travel Service Occupations   | 49.0131 |
| Vehicle and Equipment Operation, Other   | 49.0200 |
| Forklift Operator  | 49.0211 |
| Tractor-Trailer Truck Driving  | 49.0212 |
| Heavy Vehicle Operation/Earth Moving Equipment                                     | 49.0213 |
| Bus Driver/Chauffeur   | 49.0214 |
| Water Transportation, Other  | 49.0300 |
| Boat Building  | 49.0321 |
| Navigation   | 49.0331 |
| Aquatic Occupations; Marine Diving   | 49.0341 |
| Transportation/Traffic Technician  | 49.0421 |
| Transportation and Material Moving, Other  | 49.9900 |
| <b>2_C064D: (T&amp;I) Transportation and Material Moving, Coop/Work Experience</b> |         |

**2\_C07: Technology and Communications****2\_C071: Computer Technology****2\_C071A: Computer Technology, 1st Crse**

|   |         |
|---|---------|
| Computer Appreciation; Computer Literacy; Computers, Introduction   | 11.0111 |
| Computer Mathematics 1; Computer Problem Solving; Mathematics and Computing   | 11.0121 |
| Computer Applications; Computer Sciences 1  | 11.0131 |
| Computer Programming 1  | 11.0211 |
| FORTRAN, Introduction   | 11.0221 |
| PASCAL, Introduction; PASCAL 1  | 11.0231 |
| BASIC, Introduction; BASIC 1  | 11.0241 |
| COBOL, Introduction; COBOL 1  | 11.0251 |
| LOGO, Introduction  | 11.0261 |
| RPG Programming, Introduction   | 11.0271 |
| Data Processing, Introduction; Data Processing Systems and Procedures; Computer Concepts; Data Processing; Electronic Data Processing; Data Systems 1 | 11.0311 |

**2\_C071B: Computer Technology, >=2nd Crse****2\_C071BA: Computer Technology, >=2nd Crse, non-AP/IB**

|   |         |
|---|---------|
| Computer and Information Sciences, Other General              | 11.0100 |
| Computer Mathematics 2  | 11.0122 |
| Computer Applications, Independent Study; Computer Sciences 2 | 11.0132 |
| Computer Science, Advanced Placement; Computer Sciences 3     | 11.0141 |
| Computer Programming 2  | 11.0212 |
| Computer Programming 3  | 11.0213 |
| Advanced PASCAL; PASCAL 2                                     | 11.0232 |
| Advanced BASIC; BASIC 2                                       | 11.0242 |
| Advanced COBOL; COBOL 2                                       | 11.0252 |
| Data Processing, Intermediate; Data Processing 2              | 11.0312 |
| Data Processing, Advanced; Data Processing, Internship        | 11.0313 |

**2\_C071BB: Computer Technology, >=2nd Crse, AP/IB**

|                        |    |
|------------------------|----|
| AP Computer Science A  | ** |
| AP Computer Science AB | ** |

**2\_C071C: Computer Technology, Specialty Crse**

|   |         |
|---|---------|
| Artificial Intelligence                       | 11.0151 |
| Computer Programming, Other                   | 11.0200 |
| Data Processing, Other                        | 11.0300 |
| Information Sciences and Systems, Other       | 11.0400 |
| Systems Analysis, Other                       | 11.0500 |
| Computer and Information Sciences, Other      | 11.9900 |
| Electrical and Electronic Technologies, Other | 15.0300 |
| Audio Electronics                             | 15.0311 |
| Electronics Fabrication                       | 15.0333 |
| Electrical/Electronics Engineering Technician | 15.0341 |

**2\_C071D: Computer Technology, Coop/Work Experience**

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| Computer Programming—Cooperative Education | 11.0321 |
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**2\_C072: Communication Technology****2\_C072A: Communication Technology, 1st Crse**

|  |        |
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| Yearbook Production 1; Publications 1    | 9.0441 |
| Careers in Radio/Television Broadcasting | 9.0612 |
| Broadcasting, Introduction               | 9.0711 |

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| World of Communications  | 10.0111 |
| Broadcast Management 1   | 10.0141 |
| Film Making and Production 1; Cinematography; Filming and Staging; Film Telecommunications 1; Television Occupations; Television Production 1; | 10.0151 |
| Videotape Production   | 10.0171 |
| Radio/Television Production 1  | 10.0191 |
| <b>2_C072B: Communication Technology, &gt;=2nd Crse</b>  |         |
| Yearbook Production 2; Publications 2  | 9.0442  |
| Broadcast Management 2   | 10.0142 |
| Broadcasting Practicum   | 10.0143 |
| Film Making and Production 2   | 10.0152 |
| Television Production 2  | 10.0172 |
| Television Production 3  | 10.0173 |
| Television Production 4  | 10.0174 |
| Radio/Television Production 2  | 10.0192 |
| <b>2_C072C: Communication Technology, Specialty Crse</b>   |         |
| Communications, Other General  | 9.0100  |
| Mass Media; Channels of Communications; Media Communications; Media and Persuasion; Media in Society; Media and Critical Thinking              | 9.0111  |
| Communications Research, Other   | 9.0300  |
| Radio/Television News Broadcast, Other   | 9.0600  |
| Broadcast Journalism; Television News  | 9.0611  |
| Radio/Television, Other General  | 9.0700  |
| Radio and Television Appreciation; Television and Taste  | 9.0721  |
| Cryptography   | 9.0831  |
| Communications, Other  | 9.9900  |
| Communication Technologies, Other  | 10.0100 |
| Audio Visuals; Media Production Aide; Communications Media Production  | 10.0121 |
| Radio Production   | 10.0161 |
| Cable Television   | 10.0181 |
| Telecommunications Technician  | 47.0124 |
| <b>2_C072D: Communication Technology, Coop/Work Experience</b>   |         |
| <b>2_C073: Other Technologies</b>  |         |
| <b>2_C073A: Other Technologies, 1st Crse</b>   |         |
| Electronic Technology 1  | 15.0331 |
| Electromechanical Technology 1; Robotics Technology  | 15.0411 |
| Industrial Production Technology 1; Manufacturing Process Technology 1   | 15.0611 |
| Chemical Technology 1; Chemistry Lab; Chemistry, Qualitative   | 17.0321 |
| <b>2_C073B: Other Technologies, &gt;=2nd Crse</b>  |         |
| Electronic Technology 2  | 15.0332 |
| Electromechanical Technology 2   | 15.0412 |
| Industrial Production Technology 2; Manufacturing Process Technology 2   | 15.0612 |
| Chemical Technology 2  | 17.0322 |
| <b>2_C073C: Other Technologies, Specialty Crse</b>   |         |
| Architectural Technologies, Other  | 15.0100 |
| Structural Engineering Technician  | 15.0111 |
| Civil Technologies, Other  | 15.0200 |
| Surveying  | 15.0211 |

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| Civil Engineering Technician  | 15.0221 |
| Electrical Technology   | 15.0321 |
| Electromechanical Instrumentation and Maintenance Technologies, Other | 15.0400 |
| Instrumentation Technology  | 15.0421 |
| Environmental Control Technologies, Other                             | 15.0500 |
| Environmental Control Technologies                                    | 15.0511 |
| Industrial Production Technologies, Other                             | 15.0600 |
| Industrial Research & Development; Product Creation/Improvement       | 15.0601 |
| Chemical Manufacturing Technology                                     | 15.0621 |
| Optics Technology   | 15.0631 |
| Quality Control and Safety Technologies, Other                        | 15.0700 |
| Quality Control Technology  | 15.0711 |
| Mechanical and Related Technologies, Other                            | 15.0800 |
| Automotive Design & Technology  | 15.0811 |
| Mechanical Engineering Technology                                     | 15.0821 |
| Mining and Petroleum Technologies, Other                              | 15.0900 |
| Mining Technology   | 15.0911 |
| Petroleum Technology  | 15.0921 |
| Engineering and Engineering-Related Technologies, Other               | 15.9900 |
| Biological Technologies, Other  | 41.0100 |
| Nuclear Technologies, Other   | 41.0200 |
| Physical Science Technologies, Other                                  | 41.0300 |
| Science Technologies, Other   | 41.9900 |

## **2\_C073D: Other Technologies, Coop/Work Experience**

### **2\_C08: SLMP - Personal and Other Services**

#### **2\_C08A: Personal and Other Services, 1st Crse**

|   |         |
|---|---------|
| Interior Design   | 4.0511  |
| Dry Cleaning 1  | 12.0111 |
| Cosmetology; Care of the Nails and Skin; Esthetician; Creative Coiffure and Shaping and Conditioning Hair   | 12.0411 |
| Barbering 1   | 12.0421 |
| Personal Services Occupations   | 12.0431 |
| General Services Occupations 1  | 12.0511 |
| Building & Grounds Maintenance Occ 1  | 12.0521 |
| Home Economics Occupations 1, Exploratory; Home Economics Job Training Exploration  | 20.0151 |
| Clothing Occupations 1; Fashion Design and Clothing Occupations; Profitable Housing and Interior Design 1; Homes and Interiors; Home Furnishings; Living Environments | 20.0311 |
| Interior Design Occupations; Home Environment Occupations   | 20.0511 |
| Home-Service Assisting 1  | 20.0513 |
| Custodial Services  | 20.0571 |
| Geriatrics 1; Companion to the Aged   | 20.0611 |
| Clothing and Textiles 1   | 20.0641 |
| Clothing and Textiles 1, not for credit   | 55.4211 |
| Cosmetology/Barber 1  | 55.4219 |
| Cosmetology/Barber 1, not for credit  | 55.6111 |
| Custodial and Housekeeping Services 1   | 55.6119 |
|   | 55.6211 |

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| Custodial and Housekeeping Services 1, not for credit                                       | 55.6219 |
| Miscellaneous Services 1  | 55.6411 |
| Miscellaneous Services 1, not for credit  | 55.6419 |
| <b>2_C08B: Personal and Other Services, &gt;=2nd Crse</b>                                   |         |
| Dry Cleaning 2  | 12.0112 |
| Cosmetology 2; Cosmetology, Advanced; Wigology and the Professional Business of Cosmetology | 12.0412 |
| Cosmetology 3   | 12.0413 |
| Barbering 2   | 12.0422 |
| Barbering 3   | 12.0423 |
| General Services Occupations 2  | 12.0512 |
| General Services Occupations 3  | 12.0513 |
| General Services Occupations 4  | 12.0514 |
| Building & Grounds Maintenance Occ 2  | 12.0522 |
| Building & Grounds Maintenance Occ 3  | 12.0523 |
| Home Economics Occupations 2, Exploratory   | 20.0152 |
| Clothing Occupations 2; Profitable Sewing 2   | 20.0312 |
| Clothing Occupations 3  | 20.0313 |
| Housing and Interior Design 2   | 20.0512 |
| Home-Service Assisting 2  | 20.0572 |
| Geriatrics 2  | 20.0642 |
| Clothing and Textiles 2   | 55.4221 |
| Clothing and Textiles 2, not for credit   | 55.4229 |
| Cosmetology/Barber 2  | 55.6121 |
| Cosmetology/Barber 2, not for credit  | 55.6129 |
| Custodial and Housekeeping Services 2   | 55.6221 |
| Custodial and Housekeeping Services 2, not for credit                                       | 55.6229 |
| Miscellaneous Services 2  | 55.6421 |
| Miscellaneous Services 2, not for credit  | 55.6429 |
| <b>2_C08C: Personal and Other Services, Specialty Crse</b>                                  |         |
| Interior Design, Other  | 4.0500  |
| Drycleaning and Laundering Services, Other  | 12.0100 |
| Funeral Services, Other   | 12.0300 |
| Personal Services, Other  | 12.0400 |
| Consumer, Personal, and Miscellaneous Services, Other                                       | 12.9900 |
| Clothing, Apparel, and Textiles Management, Production, and Services, Other                 | 20.0300 |
| Clothing Maintenance Aide   | 20.0321 |
| Commercial Garment and Apparel Construction   | 20.0331 |
| Custom Apparel Construction   | 20.0341 |
| Custom Tailoring and Alteration   | 20.0351 |
| Wedding and Specialty Consulting  | 20.0361 |
| Fashion and Fabric Coordination   | 20.0371 |
| Textiles Testing  | 20.0381 |
| Clothing Production Management  | 20.0391 |
| Home Furnishings and Equipment Management, Production, and Services, Other                  | 20.0500 |
| Floral Design   | 20.0521 |
| Home Decorating   | 20.0531 |
| Home Furnishings Aide   | 20.0541 |
| Custom Drapery and Window Treatment Design  | 20.0551 |

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| Custom Slipcovering and Upholstering  | 20.0561 |
| Institutional, Home Management, and Supporting Services, Other                | 20.0600 |
| Executive Housekeeping  | 20.0621 |
| Homemaker's Aide; Homemaker's Assistant, Home Managemen                       | 20.0631 |
| Consumer Aide   | 20.0651 |
| Therapeutic Recreation Aide   | 20.0661 |
| Vocational Home Economics, Other  | 20.9900 |
| <b>2_C08D: Personal and Other Services, Coop/Work Experience</b>              |         |
| Cosmetology - Cooperative Educ. 2 (I?)  | 12.0414 |
| Cosmetology - Cooperative Educ. 2   | 12.0415 |
| Home Economics—Cooperative Education 1  | 20.0193 |
| Home Economics—Cooperative Education 2  | 20.0194 |
| Clothing Occupations—Cooperative Education 1                                  | 20.0314 |
| Clothing Occupations—Cooperative Education 2                                  | 20.0315 |
| Home-Service Asst—Cooperative Education 1                                     | 20.0573 |
| Home-Service Asst—Cooperative Education 2                                     | 20.0574 |
| Geriatrics—Cooperative Education 1  | 20.0643 |
| Geriatrics—Cooperative Education 2  | 20.0644 |
| Institutional, Home Management Support Services—Cooperative Education         | 20.0671 |
| Home Economics Work Study 1   | 55.4411 |
| Home Economics Work Study 1, not for credit                                   | 55.4419 |
| Home Economics Work Study 2   | 55.4421 |
| Home Economics Work Study 2, not for credit                                   | 55.4429 |
| Home Economics Work Experience 1  | 55.4511 |
| Home Economics Work Experience 1, not for credit                              | 55.4519 |
| Home Economics Work Experience 2  | 55.4521 |
| Home Economics Work Experience 2, not for credit                              | 55.4529 |
| Service Occupations Work Study 1  | 55.6511 |
| Service Occupations Work Study 1, not for credit                              | 55.6519 |
| Service Occupations Work Study 2  | 55.6521 |
| Service Occupations Work Study 2, not for credit                              | 55.6529 |
| Service Occupations Work Experience 1   | 55.6611 |
| Service Occupations Work Experience 1, not for credit                         | 55.6619 |
| Service Occupations Work Experience 2   | 55.6621 |
| Service Occupations Work Experience 2, not for credit                         | 55.6629 |
| <b>2_C09: SLMP - Food Service and Hospitality</b>                             |         |
| <b>2_C09A: Food Service and Hospitality, 1st Crse</b>                         |         |
| Food Marketing/Distribution—Overview  | 8.0611  |
| Orientation to Hospitality Careers  | 8.0911  |
| Hospitality Sales 1   | 8.0921  |
| Food Service Training 1; Culinary Arts 1; Commercial Foods, Basic; Restaurant |         |
| Occupations 1; Chef Class   | 20.0411 |
| Food Services 1   | 55.6311 |
| Food Services 1, not for credit   | 55.6319 |
| <b>2_C09B: Food Service and Hospitality, &gt;=2nd Crse</b>                    |         |
| Hospitality Sales 2   | 8.0922  |
| Food Service Training 2; Culinary Arts 2; Commercial Foods, Advanced;         |         |
| Restaurant Occupations 2  | 20.0412 |
| Food Services 2   | 55.6321 |

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|---|---------|
| Food Services 2, not for credit   | 55.6329 |
| <b>2_C09C: Food Service and Hospitality, Specialty Crse</b>   |         |
| Hotel and Motel Management  | 6.0711  |
| Hotel and Motel Training  | 6.0712  |
| Entertainment Services, Other   | 12.0200 |
| Food Production, Management, and Services, Other  | 20.0400 |
| Food Services/Restaurant Management   | 20.0413 |
| Baking  | 20.0431 |
| Chef  | 20.0441 |
| Catering  | 20.0451 |
| Food Testing  | 20.0471 |
| Adaptive Foods EMH  | 52.0106 |
| <b>2_C09D: Food Service and Hospitality, Coop/Work Experience</b>                                       |         |
| Food Service Cooperative Training; Food Service, Vocational<br>Cafeteria Assistant; School Food Service | 20.0421 |
|   | 20.0481 |
| <b>2_C10: SLMP - Child Care and Education</b>   |         |
| <b>2_C10A: Child Care and Education, 1st Crse</b>   |         |
| Child Care Services; Early Childhood Workshop; Child Development Services;<br>Nursery School Training   | 20.0211 |
| Child Development 1   | 55.4111 |
| Child Development 1, not for credit   | 55.4119 |
| <b>2_C10B: Child Care and Education, &gt;=2nd Crse</b>  |         |
| Child Development 2   | 55.4121 |
| Child Development 2, not for credit   | 55.4129 |
| <b>2_C10C: Child Care and Education, Specialty Crse</b>   |         |
| Education, Other General  | 13.0100 |
| Bilingual/Bicultural Education, Other   | 13.0200 |
| Curriculum and Instruction, Other   | 13.0300 |
| Education Administration, Other   | 13.0400 |
| Educational Media, Other  | 13.0500 |
| Evaluation and Research, Other  | 13.0600 |
| International and Comparative Education, Other  | 13.0700 |
| School Psychology, Other  | 13.0800 |
| Social Foundations, Other   | 13.0900 |
| Special Education, Other  | 13.1000 |
| Student Counseling and Personnel Services, Other  | 13.1100 |
| Teacher Education, General Programs, Other  | 13.1200 |
| Teacher Education, Specific Subject Areas, Other  | 13.1300 |
| Teaching English as a Second Language/Foreign Language, Other   | 13.1400 |
| Education, Other  | 13.9900 |
| Current Issues in Child Development   | 20.0126 |
| Child Care and Guidance Management and Services, Other  | 20.0200 |
| Child Care Aide   | 20.0221 |
| Child Care Management   | 20.0231 |
| Family Care Services; Foster Care and Family Care   | 20.0241 |
| Teacher Aide/Elementary   | 20.0251 |
| Teacher Aide/Secondary  | 20.0252 |
| Library and Archival Sciences, Other General  | 25.0100 |
| Library Science; Library Skills   | 25.0111 |

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| Archival Science, Other  | 25.0200            |
| Library Assisting, Other   | 25.0300            |
| Library Assistant; Library Aide  | 25.0311            |
| Library Science, Other   | 25.0400            |
| Museology, Other   | 25.0500            |
| Library and Archival Sciences, Other   | 25.9900            |
| <b>2_C10D: Child Care and Education, Coop/Work Experience</b>                              |                    |
| Child Care—Cooperative Education 1   | 20.0261            |
| Child Care—Cooperative Education 2   | 20.0262            |
| <b>2_C11: SLMP, Unidentified Subject</b>   |                    |
| Cooperative Education 1; Vocational Cooperative Program; Cooperative Training, Diversified | 32.0106            |
| Cooperative Education 2  | 32.0107            |
| Off-Campus Vo Tech Training—Unspecified  | 32.0121            |
| <b>3: ENRICHMENT/OTHER CURRICULUM</b>  |                    |
| <b>3_1: General Skills</b>   |                    |
| <b>3_1A: General Skills, Enrichment</b>  |                    |
| Personal Recordkeeping; Home Finance   | 7.0153             |
| Speedwriting; Shorthand for College; Notetaking; College Notehand                          | 7.0613             |
| Interpersonal Communication  | 23.0414            |
| Speed Reading  | 23.1215            |
| Summer Abroad  | 24.0121            |
| Independent Study; Beyond Regular Study; Mentorship  | 24.0131            |
| Gifted and Talented Program  | 24.0141            |
| <del>Home Finance; Recordkeeping; Personal</del>   | <del>32.0101</del> |
| <del>Speed Reading</del>   | <del>32.0111</del> |
| <del>Shorthand for College; Speedwriting; Notetaking; College; Notehand</del>              | <del>32.0116</del> |
| <del>Study Dynamics</del>  | <del>32.0117</del> |
| Study Dynamics   | 32.0211            |
| Test Taking  | 32.0221            |
| Fire Safety Education  | 43.0221            |
| Filing Your Income Taxes; Income Taxes   | 45.0604            |
| <b>3_1B: General Skills, Assistance</b>  |                    |
| Handwriting; Penmanship  | 23.0413            |
| Basic Skills, Career and Employment, Other   | 32.0100            |
| not in cssc listing, but 32.02=Basic Skills, General                                       | 32.0200            |
| Resource Room (NON Special Ed)   | 32.0201            |
| Individ. Acad Program dropout prevention, college prep, tutorial assistance                | 32.0231            |
| Functional Academics   | 54.2401            |
| Functional Academics, not for credit   | 54.2409            |
| Activities of Daily and Family Living  | 54.3001            |
| Activities of Daily and Family Living, not for credit                                      | 54.3009            |
| Social/Behavioral Skills   | 54.3101            |
| Social/Behavioral Skills, not for credit   | 54.3109            |
| Functional Transition Skills   | 54.3401            |
| Functional Transition Skills, not for credit   | 54.3409            |
| Functional Social Skills   | 54.4501            |
| Functional Social Skills, not for credit   | 54.4509            |
| Handicapped Developmental Support Services   | 54.9401            |

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| Handicapped Developmental Support Services, not for credit   | 54.9409 |
| Resource Transitional Skills   | 56.3211 |
| Resource Transitional Skills, not for credit   | 56.3219 |
| General Tutorial Services  | 56.9001 |
| General Tutorial Services, not for credit  | 56.9009 |
| Resource Study Skills  | 56.9101 |
| Resource Study Skills, not for credit  | 56.9109 |
| School and Social Survival Skills  | 56.9201 |
| School and Social Survival Skills, not for credit  | 56.9209 |
| Resource Survival Skills   | 56.9301 |
| Resource Survival Skills, not for credit   | 56.9309 |
| Handicap Specific Support Services   | 56.9401 |
| Handicap Specific Support Services, not for credit   | 56.9409 |
| <b>3_1C: General Skills, Service</b>   |         |
| Citizenship/Civic Activities, Other  | 33.0100 |
| Teacher Assistant; Instructional Assistant; Teacher Cadet; Student Assistant; School Service; Laboratory Assistant; Clerical Aide; Office Aide | 33.0111 |
| Student Government; Assembly   | 33.0131 |
| Peer Tutoring; Tutoring (providing, not receiving)   | 33.0141 |
| Community Service; Community Involvement   | 33.0151 |
| Peer Counseling  | 35.0131 |
| <b>3_2: Health, Physical, and Recreational Education</b>   |         |
| Sports Officiating   | 12.0211 |
| Sports Medicine  | 17.0561 |
| Outdoor Education  | 30.0131 |
| Recreation Aide  | 31.0111 |
| Search and Rescue  | 31.0121 |
| Outdoor Recreation, Other  | 31.0200 |
| Cheerleading; Pep Squad  | 33.0121 |
| Health-Related Activities, Other   | 34.0100 |
| Physical and Health Education 7; Physical Education 7  | 34.0111 |
| Physical and Health Education 8; Physical Education 8  | 34.0112 |
| Physical Education 9; Health Safety and Physical Education 9; Physical and Health Education 9  | 34.0113 |
| Physical Education 10; Health Safety and Physical Education 10   | 34.0114 |
| Physical Education 11; Health Safety and Physical Education 11   | 34.0115 |
| Physical Education 12; Health Safety and Physical Education 12   | 34.0116 |
| Physical Education, Adaptive   | 34.0121 |
| Physical Education—Medically Excused   | 34.0122 |
| Adaptive Physical Education (Multihandicapped); Adaptive Physical Education (Nonregular program)   | 34.0129 |
| Health 7; Health Science 7   | 34.0131 |
| Health 8; Health Science 8   | 34.0132 |
| Health 9; Health Science 9   | 34.0133 |
| Health 10; Health Science 10   | 34.0134 |
| Health 11; Health Science 11   | 34.0135 |
| Health 12; Health Science 12   | 34.0136 |
| State Requirements (drivers, sex, drug educ)   | 34.0137 |
| Modern Medical Issues  | 34.0138 |

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|--|-----------|
| Drugs Alcohol and Tobacco  | 34.0141   |
| Driver Education, Classroom; Traffic Safety  | 34.0151   |
| Driver Education, Practice   | 34.0152   |
| Gym Aide; Physical Education Leadership Training   | 34.0161   |
| Life Saving  | 34.0171   |
| Safety   | 34.0181   |
| Sex Education; Human Sexuality and Reproduction  | 34.0191   |
| Interpersonal Skills, Other  | 35.0100   |
| Interpersonal Relationships  | 35.0111   |
| Building Human Relationships   | 35.0121   |
| Dropout Prevention Communities/Cities in Schools   | 35.0141   |
| Leisure and Recreational Activities, Other   | 36.0100   |
| Sports, Individual   | 36.0111   |
| Sports, Team   | 36.0121   |
| Gymnastics   | 36.0131   |
| Drill Team; Band Physical Education; Color Guard   | 36.0141   |
| Track and Field  | 36.0151   |
| Aquatics   | 36.0161   |
| Conditioning and Athletics; Fitness; Weight Training and Body Development;<br>Physical Training; Figure Control; Self Defense  | 36.0171   |
| Motorcycle Operation   | 36.0181   |
| Recreational Activities; Avocational Experience  | 36.0191   |
| Experiential Outdoor Education   | 36.0192   |
| Personal Awareness, Other  | 37.0100   |
| Personal Development Techniques; Personal Grooming and Fashion; Personal<br>Management; Personal Culture; Youth and Decisions; Teens Today; Human<br>Studies; Self Development | 37.0111   |
| Personal Adjustment; Coping with Personal Problems   | 37.0121   |
| Self Image; Self Perception  | 37.0131   |
| Adaptive Drivers Education EMH   | 52.0108   |
| Adaptive Health Education  | 52.0109   |
| Functional Leisure and Recreational Skills   | 54.3201   |
| Functional Leisure and Recreational Skills, not for credit   | 54.3209   |
| Functional Health  | 54.3301   |
| Functional Health, not for credit  | 54.3309   |
| Adaptive Physical Education (Multihandicapped); Adaptive Physical Education<br>(Nonregular program)  | 34.0121.2 |

### **3\_3: Religion and Theology**

|  |         |
|--|---------|
| Clinical Pastoral Care, Other  | 30.0200 |
| Religion, Other  | 38.0200 |
| Catholicism, Foundations; Ritual and Symbol                                    | 38.0201 |
| Person of Jesus; Who Is Jesus  | 38.0202 |
| Bible Studies; Scripture; Christian and Hebrew Scriptures; Testaments, Old and | 38.0203 |
| Moral Thought and Decision Making; Moral Issues, Social and Individual         | 38.0204 |
| Christian Sexuality and Marriage; Marriage, Life Choices in Christian Living;  |         |
| Alternative Christian Lifestyles   | 38.0205 |
| Comparative Religion and Philosophical Systems; Comparative Religion           | 38.0206 |
| Sacraments   | 38.0207 |
| Eastern Religious Thought; Religions of the East from Hinduism to Zen          | 38.0208 |
| Religion and Psychology  | 38.0209 |
| Western Religions; Religious Development in the West                           | 38.0210 |
| Religion and Literature  | 38.0211 |
| Religion, Introduction; Philosophy of Religion                                 | 38.0212 |
| Prayer and Liturgy   | 38.0213 |
| Judaism, Foundations   | 38.0214 |
| Protestantism, Foundations   | 38.0215 |
| Religious Movements in America   | 38.0216 |
| Islam and the Koran  | 38.0217 |
| Philosophy and Religion, Other   | 38.9900 |
| Biblical Languages, Other  | 39.0100 |
| Bible Studies, Other   | 39.0200 |
| Missionary Studies, Other  | 39.0300 |
| Religious Education, Other   | 39.0400 |
| Religious Music, Other   | 39.0500 |
| Theological Studies, Other   | 39.0600 |
| Theological Studies  | 39.0611 |
| Theology, Other  | 39.9900 |

### **3\_4: Military Science**

|  |         |
|--|---------|
| Aerospace Science (Air Force), Other                   | 28.0100 |
| Aerospace Education 1; Air Science 1                   | 28.0111 |
| Aerospace Education 2; Air Science 2                   | 28.0112 |
| Aerospace Education 3; Air Science 3                   | 28.0113 |
| Aerospace Education 4; Air Science 4                   | 28.0114 |
| Civil Air Patrol                                       | 28.0121 |
| Coast Guard Science, Other                             | 28.0200 |
| Military Science (Army), Other                         | 28.0300 |
| Army Leadership Development, Introduction; Army ROTC 1 | 28.0311 |
| Army Intermediate Leadership Development; Army ROTC 2  | 28.0312 |
| Army Applied Leadership Development; Army ROTC 3       | 28.0313 |
| Army Advanced Leadership Development; Army ROTC 4      | 28.0314 |
| Naval Science (Navy, Marines), Other                   | 28.0400 |
| Naval Science 1  | 28.0411 |
| Naval Science 2  | 28.0412 |
| Naval Science 3  | 28.0413 |
| Naval Science 4  | 28.0414 |
| Marine Corps Leadership Education 1                    | 28.0421 |
| Marine Corps Leadership Education 2                    | 28.0422 |
| Marine Corps Leadership Education 3                    | 28.0423 |
| Marine Corps Leadership Education 4                    | 28.0424 |
| Military Sciences, Other                               | 28.9900 |
| Military Technologies, Other                           | 29.0100 |

### **4: SPECIAL EDUCATION CURRICULUM**

|  |         |
|--|---------|
| General (including pre-vocational programs) EMH    | 52.0101 |
| Resource (General) EH                              | 52.0201 |
| Self Contained EH                                  | 52.0202 |
| General DEAF                                       | 52.0305 |
| General BLIND                                      | 52.0401 |
| Homebound (Home or Hospital for more than 10 days) | 52.0501 |
| Learning Disabilities, Other                       | 52.0601 |
| Help for Underachievers and Disadvantaged Students | 52.0701 |
| Speech Impairment General                          | 52.0801 |
| Physically Handicapped (General)                   | 52.0901 |
| Multi-Handicapped (General)                        | 52.1001 |
| Severely Mentally Retarded (General)               | 52.1101 |

## **Chapter 5**

### **Revised SST (SNCC-filled)**

#### **Explanation of the Standard National Course Classification System (SNCC)**

In 1994, NCES completed a portion of a multi-year project to develop a standard course classification system for elementary and secondary education. The purpose of this project was to create a system that would more fully capture course content in order to 1) facilitate communication among education agencies—an effort that complemented another NCES project enabling student data to be electronically transmitted between school districts and to postsecondary institutions;<sup>4</sup> and 2) allow states and school districts to answer research questions regarding their students. *A Pilot Standard National Course Classification (SNCC) System for Secondary Education*, which provides basic course descriptions for 632 secondary courses in 29 subject areas, represents the culmination of the first phase of this project.<sup>5</sup> Currently, districts within Delaware, Iowa, Nevada, Washington, Oregon, Louisiana, and Mississippi are using or considering using the Pilot SNCC in their data systems. NCES, however, has not used this classification system in its transcript collections.

In the SNCC, every course has a title, a description, and a basic course title code. In addition, the system provides a procedure for including more detail through the use of seven additional fields. A course fully coded using the SNCC receives a 13-digit code in 9 fields: the first two fields (4 digits) specify the subject area and main content of the course; four fields (6 digits) provide an indication of the level, available credit, and sequencing of the course; and the last three fields (3 digits) provide for the additional coding of main emphasis, experiences available, or additional detail about course content.

In general, course descriptions within the Pilot SNCC are more full than the descriptive phrases used to describe courses in the CSSC. However, the Pilot SNCC course descriptions are also often more general than those in the CSSC, making no particular distinction between, for example, studying Pacific Rim nations versus Canada within an Area Studies course. Some

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<sup>4</sup>This project is known as SPEEDE/ExPRESS: Standardization of Postsecondary Education Electronic Data Exchange/Exchange of Permanent Records Electronically for Students and Schools.

distinctions are reasserted if the subject fields are used; many are not. However, the subject fields often provide types of information that are not captured by the CSSC, such as frequency of writing within history/social science coursework, laboratory experience within science coursework, level of prose mastery within English coursework, and application of knowledge to real-world experiences within vocational coursework.

### **Problems Encountered**

This classification system, like the CSSC, will need updating periodically. Although created more recently than the CSSC, there are already new AP courses being offered to secondary students throughout the nation that are not reflected in the SNCC. The “problems” encountered here in filling the SST with SNCC codes are actually opportunities missed. The subject area codes, especially those of the vocational courses, provide additional detail that cannot be exploited. The subject fields for vocational coursework have provide information on:

- the programmatic nature of the course (whether or not, by itself or in conjunction with others, the course is part of an approved vocational program or an articulated tech-prep program);
- the nature of any applied experience (in an independent business, a school-based enterprise, or on-campus/classroom laboratories); and
- integration of academic concepts and skills (mathematics, science, or language arts, individually or in combination with one another).

In placing SNCC courses within the revised SST, the three subject area fields were not used to guide the placement decision. In several subject areas, “Type of Credit” is one of the three subject fields. Because the SNCC is organized according to the subject matter that the coursework covers, students may receive credit in a secondary school “department” that is different from the area in which the course is described. For example, History and Literature of the Theater is described within the Fine and Performing Arts subject area. However, in some schools, the credit a student receives for passing that class may be counted toward his or her English requirements. In the crosswalk, the courses were, with few exceptions, placed in the subject area in which they were originally described (typically, the norm for the award of credit

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<sup>5</sup>See Denise Bradby, Karen A. Levesque, Robin R. Henke, and Gerald Malitz’s *A Pilot Standard National Course Classification System for Secondary Education*, U.S. Department of Education (1995), Office of Educational

as well); however, there is the possibility that the school would have placed it in another SST category. Continuing with the example, History and Literature of the Theater has been placed in the SST category of Theater Arts. However, if the SNCC course code included at least the first of the three subject fields, there would be more information on which to base placement. If the first digit equaled 1, the course should be placed with the other Arts (Theater) courses; if it equaled 3 or 4, the course would properly belong with other English courses. This situation occurs for the majority of the academic subject areas: English Language and Literature, Fine and Performing Arts, Foreign Language and Literature, Life and Physical Sciences, Mass Communication, Mathematics, Military Science, Physical Education, Religious Education and Theology, and Social Science and History.

The SNCC paid particular attention to courses that integrate content from two or more different subject areas. Several of these courses (American Literature/History, Team-Taught Block, Thematic Integration, and Multi/Interdisciplinary Studies—Other) cannot be accurately placed in only one category of the SST. When working with actual transcripts, the credit received for these courses would have to be split among the appropriate subcategories. The latter three courses cannot be categorized without the detail provided by the additional subject area codes available within the SNCC.

### **SST with SNCC codes**

The version of the SST that follows is complete with codes and titles from the SNCC. The SNCC code used for each course in the crosswalk always includes the first four digits, followed by a decimal point. When necessary for placement within the SST, the *level* field is included; otherwise, an x holds the place of the level field (the possible codes are presented below). The *credit* field is denoted by the # sign. *Term* is denoted with an x, while *year* is included when necessary for placement within the SST (within vocational subject areas, English language and literature, and Non-English languages). After Agriculture and Business, years above year 2 are not used, with the understanding that any course with a 2, 3, or 4 in the year field will be included within the “Second or Later Course in Sequence” SST classification.

The level field has the following numerical possibilities:

- “0 Information not collected, unavailable, or missing.
- “1 Remedial  
A course offered for the improvement of any particular deficiency, including a deficiency in content previously taught but not learned.
- “2 Special Education  
A course that adapts the curriculum, materials, or instruction for students identified as needing special education. This may include instruction for students with any of the following: autism, deaf-blindness, hearing impairment, mental retardation, multiple disabilities, orthopedic impairment, serious emotional disturbance, specific learning disability, speech or language impairment, traumatic brain injury, visual impairment, and other health impairments.
- “3 Basic  
A course focusing primarily on skills development, including literacy in language, mathematics, life and physical science, and social sciences and history.
- “4 General  
A course providing instruction (in a given subject matter area) that focuses primarily on general concepts for the appropriate grade level.
- “5 Honors  
An advanced level course designed for students who have earned honors status according to educational requirements.
- “6 Gifted and talented  
An advanced level course designed primarily for elementary students who have qualified for and enrolled in a school, education institution, or district gifted and talented program
- “7 Untracked  
A course that is not limited to one level of instruction so as to meet the needs of student groups at a variety of educational levels.
- “8 Limited English/bilingual  
A course designed for students with a language background other than English, and whose proficiency in English is such that the probability of the individual’s success in an English-only environment is below that of a successful peer with an English language background.
- “9 Accepted as high school equivalent  
A course offered at an education institution other than a secondary school (such as a junior high school or community college) or through correspondence or satellite media.”<sup>6</sup>

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<sup>6</sup>Ibid.

## **1: ACADEMIC CURRICULUM**

### **1\_1: Mathematics**

#### **1\_11: General Mathematics**

##### **1\_11A: General Mathematics, ESE/Functional**

Resource Center Math 2011.x#xx

Mathematics—Other 2099.2#xx

##### **1\_11B: General Mathematics, Basic**

Basic Math 2012.x#xx

Mathematics—Other 2099.3#xx

##### **1\_11C: General Mathematics, Regular**

Informal Math—Integrated Approach 2004.x#xx

General Math 2013.x#xx

Applied Math—General focus 2015.x#xx

##### **1\_11D: General Mathematics, Other**

Probability and Statistics—General Math level 2061.x#xx

Mathematics—Other 2099.4#xx

### **1\_12: Consumer Mathematics**

#### **1\_12A: Consumer Mathematics, ESE/Functional**

##### **1\_12B: Consumer Mathematics, Regular**

Consumer Math—General Math level 2014.x#xx

### **1\_13: Pre-Algebra**

Pre-Algebra 2021.x#xx

Algebra I—Part 1 2032.x#x1

### **1\_14: Algebra 1**

Applied Math—CORD 2024.x#x1

Applied Math—CORD 2024.x#x2

Algebra I 2031.x#xx

Algebra I—Part 2 2033.x#x2

### **1\_15: Geometry**

Informal Geometry 2023.x#xx

Geometry 2034.x#xx

Analytic Geometry 2046.x#xx

### **1\_16: Algebra 2 through Pre-Calculus**

Pre-Algebra II 2035.x#xx

Algebra II 2041.x#xx

Algebra III 2042.x#xx

Trigonometry 2043.x#xx

Algebra II/Trigonometry 2044.x#xx

Elementary Functions 2045.x#xx

Math Analysis 2047.x#xx

Trigonometry/Analytic Geometry 2048.x#xx

Trigonometry/Math Analysis 2049.x#xx

Analytic Geometry/Math Analysis 2050.x#xx

Pre-Calculus 2053.x#xx

Discrete Mathematics 2054.x#xx

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| <b>1_17: Advanced Mathematics</b>                                |           |
| <b>1_17A: Advanced Mathematics, Calculus</b>                     |           |
| Calculus   | 2055.x#xx |
| Multivariate Calculus  | 2056.x#xx |
| Differential Calculus  | 2057.x#xx |
| <b>1_17B: Advanced Mathematics, AP/IB</b>                        |           |
| IB Mathematical Studies  | 2051.x#xx |
| IB Mathematics   | 2052.x#xx |
| AP Calculus AB   | 2058.x#xx |
| AP Calculus BC   | 2059.x#xx |
| IB Mathematics and Computing—SL                                  | 2071.x#xx |
| <b>1_17C: Advanced Mathematics, Other</b>                        |           |
| Probability and Statistics—Algebra I level                       | 2062.x#xx |
| Probability and Statistics—Algebra II level                      | 2063.x#xx |
| History of Math—Algebra II level                                 | 2072.x#xx |
| Number Theory—Algebra II level                                   | 2073.x#xx |
| Abstract Algebra—Pre-Calculus level                              | 2074.x#xx |
| Linear Algebra—Pre-Calculus level                                | 2075.x#xx |
| Linear Programming—Pre-Calculus level                            | 2076.x#xx |
| Mathematics—Independent Study                                    | 2096.x#xx |
| Mathematics—Other  | 2099.5#xx |
| <b>1_18: Unified Mathematics</b>                                 |           |
| NCTM Core Math   | 2001.x#xx |
| Interactive Math Project   | 2002.x#xx |
| Integrated Math  | 2003.x#xx |
| Principles of Algebra and Geometry                               | 2022.x#xx |
| <b>1_19: Occupationally-Related Mathematics</b>                  |           |
| <b>1_19A: Occupationally-Related Mathematics, ESE/Functional</b> |           |
| <b>1_19B: Occupationally-Related Mathematics, Regular</b>        |           |
| Applied Math—Occupational focus                                  | 2016.x#xx |
| Business Math—General Math level                                 | 2064.x#xx |
| Business Math—Algebra I level                                    | 2065.x#xx |
| Business Math—Algebra II level                                   | 2066.x#xx |
| Business Math—Pre-Calculus level                                 | 2067.x#xx |
| <b>1_2: Science</b>  |           |
| <b>1_21: Survey Science</b>                                      |           |
| <b>1_21A: Survey Science, Basic</b>                              |           |
| <b>1_21B: Survey Science, Specialized Topics</b>                 |           |
| Origins of Science   | 1782.x#xx |
| Life and Physical Sciences Lab Assistant                         | 1793.x#xx |
| Life and Physical Sciences—Independent Study                     | 1796.x#xx |
| Life and Physical Sciences—Other                                 | 1799.x#xx |
| <b>1_21C: Survey Science, Integrated/Unified Topics</b>          |           |
| Integrated Science   | 1741.x#xx |
| Unified Science  | 1742.x#xx |
| Applied Biology/Chemistry—CORD                                   | 1743.x#xx |

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| <b>1_22: Biological Science</b>                      |           |
| <b>1_22A: Biological Science, Basic</b>              |           |
| Biology—First Year                                   | 1711.1#xx |
| Biology—First Year                                   | 1711.2#xx |
| Biology—First Year                                   | 1711.3#xx |
| <b>1_22B: Biological Science, Regular</b>            |           |
| Biology—First Year                                   | 1711.4#xx |
| Biology—First Year                                   | 1711.7#xx |
| Biology—Advanced Studies                             | 1712.4#x2 |
| <b>1_22C: Biological Science, Adv. &amp; Honors</b>  |           |
| Biology—First Year                                   | 1711.5#xx |
| Biology—Advanced Studies                             | 1712.5#x2 |
| <b>1_22D: Biological Science, Specialized Topics</b> |           |
| Anatomy and Physiology                               | 1713.x#xx |
| Biology—Specific Topics                              | 1714.x#xx |
| Environmental Science                                | 1751.x#xx |
| Marine Science                                       | 1771.x#xx |
| <b>1_22E: Biological Science, AP/IB</b>              |           |
| AP Biology   | 1715.x#xx |
| IB Biology   | 1716.x#xx |
| <b>1_23: Chemistry</b>                               |           |
| <b>1_23A: Chemistry, Basic</b>                       |           |
| Chemistry—First Year                                 | 1721.1#xx |
| Chemistry—First Year                                 | 1721.2#xx |
| Chemistry—First Year                                 | 1721.3#xx |
| Chemistry in the Community                           | 1722.3#xx |
| <b>1_23B: Chemistry, Regular</b>                     |           |
| Chemistry—First Year                                 | 1721.4#xx |
| Chemistry—First Year                                 | 1721.7#xx |
| Chemistry in the Community                           | 1722.4#xx |
| Chemistry—Advanced Studies                           | 1723.4#x2 |
| <b>1_23C: Chemistry, Adv. &amp; Honors</b>           |           |
| Chemistry—First Year                                 | 1721.5#xx |
| Chemistry—Advanced Studies                           | 1723.5#x2 |
| <b>1_23D: Chemistry, Specialized Topics</b>          |           |
| Chemistry—Specific Topics                            | 1724.x#xx |
| <b>1_23E: Chemistry, AP/IB</b>                       |           |
| AP Chemistry   | 1725.x#xx |
| IB Chemistry   | 1726.x#xx |
| <b>1_24: Physics</b>                                 |           |
| <b>1_24A: Physics, Basic</b>                         |           |
| Physics—First Year                                   | 1731.3#xx |
| <b>1_24B: Physics, Regular</b>                       |           |
| Physics—First Year                                   | 1731.4#xx |
| Physics—First Year                                   | 1731.7#xx |
| Principles of Technology                             | 1732.x#xx |
| Physics—Advanced Studies                             | 1733.4#x2 |

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| <b>1_24C: Physics, Adv. &amp; Honors</b>               |           |
| Physics—First Year                                     | 1731.5#xx |
| Physics—Advanced Studies                               | 1733.5#xx |
| <b>1_24D: Physics, Specialized Topics</b>              |           |
| Physics—Specific Topics                                | 1734.x#xx |
| Astronomy  | 1761.x#xx |
| <b>1_24E: Physics, AP/IB</b>                           |           |
| AP Physics B   | 1735.x#xx |
| AP Physics C   | 1736.x#xx |
| IB Physics   | 1737.x#xx |
| <b>1_25: Earth Science</b>                             |           |
| <b>1_25A: Earth Science, Basic</b>                     |           |
| Earth Science  | 1701.1#xx |
| Earth Science  | 1701.2#xx |
| Earth Science  | 1701.3#xx |
| <b>1_25B: Earth Science, Regular</b>                   |           |
| Earth Science  | 1701.4#xx |
| Earth Science  | 1701.7#xx |
| <b>1_25C: Earth Science, Adv. &amp; Honors</b>         |           |
| Earth Science  | 1701.5#xx |
| <b>1_25D: Earth Science, Specialized Topics</b>        |           |
| Geology  | 1702.x#xx |
| <b>1_26: Physical Science</b>                          |           |
| <b>1_26A: Physical Science, Basic</b>                  |           |
| Physical Science                                       | 1703.1#xx |
| Physical Science                                       | 1703.2#xx |
| Physical Science                                       | 1703.3#xx |
| <b>1_26B: Physical Science, Regular</b>                |           |
| Physical Science                                       | 1703.4#xx |
| Physical Science                                       | 1703.7#xx |
| <b>1_26C: Physical Science, Adv. &amp; Honors</b>      |           |
| Physical Science                                       | 1703.5#xx |
| <b>1_26D: Physical Science, Specialized Topics</b>     |           |
| IB Physical Science                                    | 1704.x#xx |
| <b>1_27: Engineering</b>                               |           |
| Science Technology/Engineering                         | 1781.x#xx |
| <b>1_3: English</b>                                    |           |
| <b>1_31: English Survey</b>                            |           |
| <b>1_31A: English Survey, Language Skills</b>          |           |
| Language Arts Laboratory                               | 1009.x#xx |
| Assisted Reading                                       | 1031.x#xx |
| <b>1_31B: English Survey, Grades 7 &amp; 8</b>         |           |
| <b>1_31C: English Survey, ESE/Functional</b>           |           |
| <b>1_31C1: English Survey, ESE/Functional, Grade 9</b> |           |
| English/Language Arts I (9th grade)                    | 1001.2#x1 |
| English/Literature (lower level)                       | 1005.2#x1 |
| English/Composition (lower level)                      | 1007.2#x1 |

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| <b>1_31C2: English Survey, ESE/Functional, Grade 10</b> |           |
| English/Language Arts II (10th grade)                   | 1002.2#x2 |
| English/Literature (lower level)                        | 1005.2#x2 |
| English/Composition (lower level)                       | 1007.2#x2 |
| <b>1_31C3: English Survey, ESE/Functional, Grade 11</b> |           |
| English/Language Arts III (11th grade)                  | 1003.2#x3 |
| English/Literature (upper level)                        | 1006.2#x3 |
| English/Composition (upper level)                       | 1008.2#x3 |
| <b>1_31C4: English Survey, ESE/Functional, Grade 12</b> |           |
| English/Language Arts IV (12th grade)                   | 1004.2#x4 |
| English/Literature (upper level)                        | 1006.2#x4 |
| English/Composition (upper level)                       | 1008.2#x4 |
| <b>1_31D: English Survey, Basic</b>                     |           |
| <b>1_31D1: English Survey, Basic, Grade 9</b>           |           |
| English/Language Arts I (9th grade)                     | 1001.1#x1 |
| English/Language Arts I (9th grade)                     | 1001.3#x1 |
| English/Literature (lower level)                        | 1005.1#x1 |
| English/Literature (lower level)                        | 1005.3#x1 |
| English/Composition (lower level)                       | 1007.1#x1 |
| English/Composition (lower level)                       | 1007.3#x1 |
| <b>1_31D2: English Survey, Basic, Grade 10</b>          |           |
| English/Language Arts II (10th grade)                   | 1002.1#x2 |
| English/Language Arts II (10th grade)                   | 1002.3#x2 |
| English/Literature (lower level)                        | 1005.1#x2 |
| English/Literature (lower level)                        | 1005.3#x2 |
| English/Composition (lower level)                       | 1007.1#x2 |
| English/Composition (lower level)                       | 1007.3#x2 |
| <b>1_31D3: English Survey, Basic, Grade 11</b>          |           |
| English/Language Arts III (11th grade)                  | 1003.1#x3 |
| English/Language Arts III (11th grade)                  | 1003.3#x3 |
| English/Literature (upper level)                        | 1006.1#x3 |
| English/Literature (upper level)                        | 1006.3#x3 |
| English/Composition (upper level)                       | 1008.1#x3 |
| English/Composition (upper level)                       | 1008.3#x3 |
| Applied Communications—AIT                              | 1072.x#x3 |
| <b>1_31D4: English Survey, Basic, Grade 12</b>          |           |
| English/Language Arts IV (12th grade)                   | 1004.1#x4 |
| English/Language Arts IV (12th grade)                   | 1004.3#x4 |
| English/Literature (upper level)                        | 1006.1#x4 |
| English/Literature (upper level)                        | 1006.3#x4 |
| English/Composition (upper level)                       | 1008.1#x4 |
| English/Composition (upper level)                       | 1008.3#x4 |
| Applied Communications—AIT                              | 1072.x#x4 |
| <b>1_31E: English Survey, Regular</b>                   |           |
| <b>1_31E1: English Survey, Regular, Grade 9</b>         |           |
| English/Language Arts I (9th grade)                     | 1001.4#x1 |
| English/Language Arts I (9th grade)                     | 1001.7#x1 |
| English/Literature (lower level)                        | 1005.4#x1 |

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| English/Literature (lower level)                           | 1005.7#x1 |
| English/Composition (lower level)                          | 1007.4#x1 |
| English/Composition (lower level)                          | 1007.7#x1 |
| <b>1_31E2: English Survey, Regular, Grade 10</b>           |           |
| English/Language Arts II (10th grade)                      | 1002.4#x2 |
| English/Language Arts II (10th grade)                      | 1002.7#x2 |
| English/Literature (lower level)                           | 1005.4#x2 |
| English/Literature (lower level)                           | 1005.7#x2 |
| English/Composition (lower level)                          | 1007.4#x2 |
| English/Composition (lower level)                          | 1007.7#x2 |
| <b>1_31E3: English Survey, Regular, Grade 11</b>           |           |
| English/Language Arts III (11th grade)                     | 1003.4#x3 |
| English/Language Arts III (11th grade)                     | 1003.7#x3 |
| English/Literature (upper level)                           | 1006.4#x3 |
| English/Literature (upper level)                           | 1006.7#x3 |
| English/Composition (upper level)                          | 1008.4#x3 |
| English/Composition (upper level)                          | 1008.7#x3 |
| Business/Applied English                                   | 1071.x#x3 |
| <b>1_31E4: English Survey, Regular, Grade 12</b>           |           |
| English/Language Arts IV (12th grade)                      | 1004.4#x4 |
| English/Language Arts IV (12th grade)                      | 1004.7#x4 |
| English/Literature (upper level)                           | 1006.4#x4 |
| English/Literature (upper level)                           | 1006.7#x4 |
| English/Composition (upper level)                          | 1008.4#x4 |
| English/Composition (upper level)                          | 1008.7#x4 |
| Business/Applied English                                   | 1071.x#x4 |
| <b>1_31F: English Survey, Advanced and Honors</b>          |           |
| <b>1_31F1: English Survey, Adv. &amp; Honors, Grade 9</b>  |           |
| English/Language Arts I (9th grade)                        | 1001.5#x1 |
| English/Language Arts I (9th grade)                        | 1001.6#x1 |
| English/Literature (lower level)                           | 1005.5#x1 |
| English/Literature (lower level)                           | 1005.6#x1 |
| English/Composition (lower level)                          | 1007.5#x1 |
| English/Composition (lower level)                          | 1007.6#x1 |
| <b>1_31F2: English Survey, Adv. &amp; Honors, Grade 10</b> |           |
| English/Language Arts II (10th grade)                      | 1002.5#x2 |
| English/Language Arts II (10th grade)                      | 1002.6#x2 |
| English/Literature (lower level)                           | 1005.5#x2 |
| English/Literature (lower level)                           | 1005.6#x2 |
| English/Composition (lower level)                          | 1007.5#x2 |
| English/Composition (lower level)                          | 1007.6#x2 |
| <b>1_31F3: English Survey, Adv. &amp; Honors, Grade 11</b> |           |
| English/Language Arts III (11th grade)                     | 1003.5#x3 |
| English/Language Arts III (11th grade)                     | 1003.6#x3 |
| English/Literature (upper level)                           | 1006.5#x3 |
| English/Literature (upper level)                           | 1006.6#x3 |
| English/Composition (upper level)                          | 1008.5#x3 |
| English/Composition (upper level)                          | 1008.6#x3 |

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| <b>1_31F4: English Survey, Adv. &amp; Honors, Grade 12</b> |           |
| English/Language Arts IV (12th grade)                      | 1004.5#x4 |
| English/Language Arts IV (12th grade)                      | 1004.6#x4 |
| English/Literature (upper level)                           | 1006.5#x4 |
| English/Literature (upper level)                           | 1006.6#x4 |
| English/Composition (upper level)                          | 1008.5#x4 |
| English/Composition (upper level)                          | 1008.6#x4 |
| <b>1_31G: English Survey, AP/IB</b>                        |           |
| AP English Language and Composition                        | 1012.5#xx |
| AP English Literature and Composition                      | 1013.5#xx |
| IB Language A (English)                                    | 1014.5#xx |
| <b>1_32: Literature</b>                                    |           |
| Literature   | 1010.x#xx |
| Advanced Reading   | 1032.x#xx |
| Literature/Fine Arts                                       | 1042.x#xx |
| English Aide   | 1093.x#xx |
| English Language and Literature—Independent Study          | 1096.x#xx |
| English Language and Literature—Other                      | 1099.x#xx |
| <b>1_33: Composition and Writing</b>                       |           |
| Composition  | 1011.x#xx |
| Creative Writing   | 1021.x#xx |
| Technical Writing  | 1022.x#xx |
| English Morphology and Grammar                             | 1051.x#xx |
| <b>1_34: Speech</b>  |           |
| Public Speaking  | 1081.x#xx |
| Forensics—Inclusive  | 1082.x#xx |
| Forensics—Debate   | 1083.x#xx |
| Forensics—Individual Event                                 | 1084.x#xx |
| <b>1_35: English as a Second Language</b>                  |           |
| English as a Second Language                               | 1061.8#x1 |
| English as a Second Language                               | 1061.8#x2 |
| English as a Second Language                               | 1061.8#x3 |
| English as a Second Language                               | 1061.8#x4 |
| <b>1_4: Social Studies</b>                                 |           |
| <b>1_41: American History</b>                              |           |
| <b>1_41A: American History, Basic</b>                      |           |
| U.S. History—Comprehensive                                 | 2721.1#xx |
| U.S. History—Comprehensive                                 | 2721.3#xx |
| Early U.S. History   | 2723.1#xx |
| U.S. History—Laboratory                                    | 2723.2#xx |
| Early U.S. History   | 2723.3#xx |
| Modern U.S. History  | 2724.1#xx |
| Modern U.S. History  | 2724.3#xx |
| <b>1_41B: American History, Regular</b>                    |           |
| U.S. History—Comprehensive                                 | 2721.4#xx |
| U.S. History—Comprehensive                                 | 2721.7#xx |
| Early U.S. History   | 2723.4#xx |
| Early U.S. History   | 2723.7#xx |

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| Modern U.S. History                                | 2724.4#xx |
| Modern U.S. History                                | 2724.7#xx |
| <b>1_41C: American History, Adv. &amp; Honors</b>  |           |
| U.S. History—Comprehensive                         | 2721.5#xx |
| Early U.S. History                                 | 2723.5#xx |
| Modern U.S. History                                | 2724.5#xx |
| <b>1_41D: American History, Specialized Topics</b> |           |
| Issues of American Culture                         | 2223.x#xx |
| State-Specific Studies                             | 2726.x#xx |
| U.S. Ethnic/Gender Studies                         | 2727.x#xx |
| U.S. History—Other                                 | 2729.x#xx |
| <b>1_41E: American History, AP/IB</b>              |           |
| AP U.S. History                                    | 2725.x#xx |
| <b>1_42: World History</b>                         |           |
| <b>1_42A: World History, Basic</b>                 |           |
| World History—Overview                             | 2704.1#xx |
| World History—Overview                             | 2704.3#xx |
| World History—Laboratory                           | 2705.2#xx |
| World History and Geography                        | 2706.1#xx |
| World History and Geography                        | 2706.3#xx |
| Modern World History                               | 2707.1#xx |
| Modern World History                               | 2707.3#xx |
| Western Civilization                               | 2753.1#xx |
| Western Civilization                               | 2753.3#xx |
| <b>1_42B: World History, Regular</b>               |           |
| World History—Overview                             | 2704.4#xx |
| World History—Overview                             | 2704.7#xx |
| World History and Geography                        | 2706.4#xx |
| World History and Geography                        | 2706.7#xx |
| Modern World History                               | 2707.4#xx |
| Modern World History                               | 2707.7#xx |
| Western Civilization                               | 2753.4#xx |
| Western Civilization                               | 2753.7#xx |
| <b>1_42C: World History, Adv. &amp; Honors</b>     |           |
| World History—Overview                             | 2704.5#xx |
| World History and Geography                        | 2706.5#xx |
| Modern World History                               | 2707.5#xx |
| Western Civilization                               | 2753.5#xx |
| <b>1_42D: World History, Specialized Topics</b>    |           |
| Modern European History                            | 2709.x#xx |
| Ancient Civilizations                              | 2711.x#xx |
| Medieval European History                          | 2712.x#xx |
| Ancient and Medieval History                       | 2713.x#xx |
| World Area Studies                                 | 2714.x#xx |
| <b>1_42E: World History, AP/IB</b>                 |           |
| IB History   | 2708.x#xx |
| AP European History                                | 2710.x#xx |

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| <b>1_43: Government and Politics</b>                      |           |
| <b>1_43A: Government and Politics, Basic</b>              |           |
| U.S. Government—Comprehensive                             | 2730.1#xx |
| U.S. Government—Comprehensive                             | 2730.3#xx |
| U.S. Government—Laboratory                                | 2731.2#xx |
| Principles of Democracy                                   | 2739.1#xx |
| Principles of Democracy                                   | 2739.3#xx |
| Government and Politics—Other                             | 2740.1#xx |
| Government and Politics—Other                             | 2740.3#xx |
| <b>1_43B: Government and Politics, Regular</b>            |           |
| U.S. Government—Comprehensive                             | 2730.4#xx |
| U.S. Government—Comprehensive                             | 2730.7#xx |
| Principles of Democracy                                   | 2739.4#xx |
| Principles of Democracy                                   | 2739.7#xx |
| <b>1_43C: Government and Politics, Adv. &amp; Honors</b>  |           |
| U.S. Government—Comprehensive                             | 2730.5#xx |
| Principles of Democracy                                   | 2739.5#xx |
| <b>1_43D: Government and Politics, Specialized Topics</b> |           |
| Topics in U.S. Government                                 | 2732.x#xx |
| Political Science   | 2733.x#xx |
| Comparative Government                                    | 2734.x#xx |
| International Relations                                   | 2735.x#xx |
| Government and Politics—Other                             | 2740.x#xx |
| <b>1_43E: Government and Politics, AP/IB</b>              |           |
| AP U.S. Government and Politics                           | 2736.x#xx |
| AP Comparative Government and Politics                    | 2737.x#xx |
| AP Government   | 2738.x#xx |
| <b>1_44: Economics</b>                                    |           |
| <b>1_44A: Economics, Basic</b>                            |           |
| Economics   | 2741.1#xx |
| Economics   | 2741.3#xx |
| Comparative Economics                                     | 2742.1#xx |
| Comparative Economics                                     | 2742.3#xx |
| <b>1_44B: Economics, Regular</b>                          |           |
| Economics   | 2741.4#xx |
| Economics   | 2741.7#xx |
| Comparative Economics                                     | 2742.4#xx |
| Comparative Economics                                     | 2742.7#xx |
| <b>1_44C: Economics, Adv. &amp; Honors</b>                |           |
| Economics   | 2741.5#xx |
| Comparative Economics                                     | 2742.5#xx |
| <b>1_44D: Economics, Specialized Topics</b>               |           |
| <b>1_44E: Economics, AP/IB</b>                            |           |
| AP Microeconomics   | 2743.x#xx |
| AP Macroeconomics   | 2744.x#xx |
| AP Economics  | 2745.x#xx |
| IB Economics  | 2746.x#xx |

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| <b>1_45: Behavioral Sciences</b>                           |           |
| <b>1_45A: Behavioral Sciences, Basic</b>                   |           |
| Psychology   | 2771.3#xx |
| <b>1_45B: Behavioral Sciences, Regular</b>                 |           |
| Psychology   | 2771.4#xx |
| Sociology  | 2775.4#xx |
| <b>1_45C: Behavioral Sciences, Adv. &amp; Honors</b>       |           |
| Psychology   | 2771.5#xx |
| Sociology  | 2775.5#xx |
| <b>1_45D: Behavioral Sciences, Specialized Topics</b>      |           |
| Topics in Psychology                                       | 2772.x#xx |
| Topics in Sociology  | 2776.x#xx |
| <b>1_45E: Behavioral Sciences, AP/IB</b>                   |           |
| AP Psychology  | 2773.x#xx |
| IB Psychology  | 2774.x#xx |
| <b>1_46: Geography</b>                                     |           |
| <b>1_46A: Geography, Basic</b>                             |           |
| World Geography  | 2701.1#xx |
| World Geography  | 2701.3#xx |
| Topics in Geography  | 2702.1#xx |
| Topics in Geography  | 2702.3#xx |
| <b>1_46B: Geography, Regular</b>                           |           |
| World Geography  | 2701.4#xx |
| World Geography  | 2701.7#xx |
| Topics in Geography  | 2702.4#xx |
| Topics in Geography  | 2702.7#xx |
| <b>1_46C: Geography, Adv. &amp; Honors</b>                 |           |
| World Geography  | 2701.5#xx |
| Topics in Geography  | 2702.5#xx |
| <b>1_46D: Geography, Specialized Topics</b>                |           |
| <b>1_46E: Geography, AP/IB</b>                             |           |
| IB Geography   | 2703.x#xx |
| <b>1_47: Social Science, Humanities, and Other</b>         |           |
| <b>1_47A: Social Science, Humanities, and Other, Basic</b> |           |
| Humanities Survey  | 2201.3#xx |
| Humanities   | 2202.3#xx |
| Issues of Western Humanities                               | 2203.3#xx |
| Contemporary U.S. Issues                                   | 2751.3#xx |
| Contemporary World Issues                                  | 2752.3#xx |
| Law Studies  | 2761.3#xx |
| Consumer Law   | 2762.3#xx |
| Business Law   | 2763.3#xx |
| Legal System   | 2764.3#xx |
| Social Science   | 2770.3#xx |
| Sociology  | 2775.3#xx |
| Anthropology   | 2777.3#xx |
| Philosophy   | 2780.3#xx |

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| <b>1_47B: Social Science, Humanities, and Other, Regular</b>            |           |
| Humanities Survey   | 2201.4#xx |
| Humanities  | 2202.4#xx |
| Issues of Western Humanities  | 2203.4#xx |
| Contemporary U.S. Issues  | 2751.4#xx |
| Contemporary World Issues   | 2752.4#xx |
| Law Studies   | 2761.4#xx |
| Consumer Law  | 2762.4#xx |
| Business Law  | 2763.4#xx |
| Legal System  | 2764.4#xx |
| Social Science  | 2770.4#xx |
| Anthropology  | 2777.4#xx |
| Philosophy  | 2780.4#xx |
| <b>1_47C: Social Science, Humanities, and Other, Adv. &amp; Honors</b>  |           |
| Humanities Survey   | 2201.5#xx |
| Humanities  | 2202.5#xx |
| Issues of Western Humanities  | 2203.5#xx |
| Contemporary U.S. Issues  | 2751.5#xx |
| Contemporary World Issues   | 2752.5#xx |
| Law Studies   | 2761.5#xx |
| Consumer Law  | 2762.5#xx |
| Business Law  | 2763.5#xx |
| Legal System  | 2764.5#xx |
| Social Science  | 2770.5#xx |
| Anthropology  | 2777.5#xx |
| Philosophy  | 2780.5#xx |
| <b>1_47D: Social Science, Humanities, and Other, Specialized Topics</b> |           |
| Topics in Anthropology  | 2778.x#xx |
| Topics in Philosophy  | 2781.x#xx |
| Modern Intellectual History   | 2782.x#xx |
| Social Science Research   | 2786.x#xx |
| Social Sciences and History—Independent Study                           | 2796.x#xx |
| Social Sciences and History—Other                                       | 2799.x#xx |
| <b>1_47E: Social Science, Humanities, and Other, AP/IB</b>              |           |
| IB Theory of Knowledge  | 2211.x#xx |
| IB Social Anthropology  | 2779.x#xx |
| IB Philosophy   | 2783.x#xx |
| IB Organization Studies   | 2785.x#xx |
| <b>1_5: Fine Arts</b>   |           |
| <b>1_51: Visual Arts</b>  |           |
| <b>1_51A: Visual Arts, Basic</b>  |           |
| <br>  |           |
| <b>1_51B: Visual Arts, Regular and Advanced</b>                         |           |
| Art Appreciation  | 1151.x#xx |
| Art History   | 1152.x#xx |
| Creative Art—Comprehensive  | 1161.x#xx |
| Creative Art—Drawing/Painting   | 1162.x#xx |
| Creative Art—Sculpture  | 1163.x#xx |

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|---|-----------|
| Ceramics/Pottery                          | 1164.x#xx |
| Printmaking/Graphics                      | 1165.x#xx |
| Textiles                                  | 1166.x#xx |
| Crafts                                    | 1167.x#xx |
| Photography                               | 1171.x#xx |
| Film/Videotape                            | 1172.x#xx |
| Computer-Assisted Art                     | 1175.x#xx |
| Art Portfolio                             | 1181.x#xx |
| Visual Art—Independent Study              | 1186.x#xx |
| Visual Art—Other                          | 1189.x#xx |
| Integrated Fine Arts                      | 1194.x#xx |
| Fine and Performing Art—Related Subjects  | 1195.x#xx |
| Fine and Performing Art—Independent Study | 1196.x#xx |
| Fine and Performing Art—Other             | 1199.x#xx |
| <b>1_51C: Visual Arts, AP/IB</b>          |           |
| AP Art—History of Art                     | 1153.x#xx |
| AP Studio Art—General Portfolio           | 1182.x#xx |
| AP Studio Art—Drawing Portfolio           | 1183.x#xx |
| IB Art/Design                             | 1184.x#xx |
| <b>1_52: Music</b>                        |           |
| <b>1_52A: Music, Basic</b>                |           |
| <b>1_52B: Music, Regular and Advanced</b> |           |
| General Band                              | 1120.x#xx |
| Concert/Marching Band                     | 1121.x#xx |
| Concert Band                              | 1122.x#xx |
| Marching Band                             | 1123.x#xx |
| Orchestra                                 | 1124.x#xx |
| Contemporary Band                         | 1125.x#xx |
| Instrumental Ensembles                    | 1126.x#xx |
| Piano                                     | 1127.x#xx |
| Guitar                                    | 1128.x#xx |
| Individual Technique—Instrumental Music   | 1129.x#xx |
| Chorus                                    | 1130.x#xx |
| Vocal Ensembles                           | 1131.x#xx |
| Individual Technique—Vocal Music          | 1132.x#xx |
| Music Theory                              | 1141.x#xx |
| Music History/Appreciation                | 1144.x#xx |
| Music—Independent Study                   | 1146.x#xx |
| Music—Other                               | 1149.x#xx |
| <b>1_52C: Music, AP/IB</b>                |           |
| AP Music Theory                           | 1142.x#xx |
| IB Music                                  | 1143.x#xx |
| <b>1_53: Dance</b>                        |           |
| Dance Technique                           | 1101.x#xx |
| Dance Repertory                           | 1102.x#xx |
| Expressive Movement                       | 1103.x#xx |
| Dance Appreciation                        | 1105.x#xx |

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| Dance—Independent Study                           | 1106.x#xx |
| Dance—Other                                       | 1109.x#xx |
| <b>1_54: Theater Arts</b>                         |           |
| Introduction to the Theater                       | 1111.x#xx |
| Drama/Stagecraft—Comprehensive                    | 1112.x#xx |
| Drama—Acting/Performance                          | 1113.x#xx |
| Drama—Stagecraft                                  | 1114.x#xx |
| Directing   | 1115.x#xx |
| Playwriting                                       | 1116.x#xx |
| History and Literature of the Theater             | 1117.x#xx |
| Drama/Stagecraft—Independent Study                | 1118.x#xx |
| Drama/Stagecraft—Other                            | 1119.x#xx |
| <b>1_6: Non-English Languages</b>                 |           |
| <b>1_61: Non-English Language—Spanish</b>         |           |
| <b>1_61A: Non-English Language—Spanish, Yr 1</b>  |           |
| Spanish   | 1201.x#x1 |
| Spanish for Native Spanish Speakers               | 1271.x#x1 |
| <b>1_61B: Non-English Language—Spanish, Yr 2</b>  |           |
| Spanish   | 1201.x#x2 |
| Spanish for Native Spanish Speakers               | 1271.x#x2 |
| <b>1_61C: Non-English Language—Spanish, Yr 3</b>  |           |
| Spanish   | 1201.x#x3 |
| Spanish for Native Spanish Speakers               | 1271.x#x3 |
| <b>1_61D: Non-English Language—Spanish, Yr 4+</b> |           |
| Spanish   | 1201.x#x4 |
| Spanish for Native Spanish Speakers               | 1271.x#x4 |
| <b>1_61E: Non-English Language—Spanish, AP/IB</b> |           |
| AP Spanish Language                               | 1202.x#xx |
| AP Spanish Literature                             | 1203.x#xx |
| <b>1_62: Non-English Language—French</b>          |           |
| <b>1_62A: Non-English Language—French, Yr 1</b>   |           |
| French  | 1205.x#x1 |
| <b>1_62B: Non-English Language—French, Yr 2</b>   |           |
| French  | 1205.x#x2 |
| <b>1_62C: Non-English Language—French, Yr 3</b>   |           |
| French  | 1205.x#x3 |
| <b>1_62D: Non-English Language—French, Yr 4+</b>  |           |
| French  | 1205.x#x4 |
| <b>1_62E: Non-English Language—French, AP/IB</b>  |           |
| AP French Language                                | 1206.x#xx |
| AP French Literature                              | 1207.x#xx |
| <b>1_63: Non-English Language—German</b>          |           |
| <b>1_63A: Non-English Language—German, Yr 1</b>   |           |
| German  | 1210.x#x1 |
| <b>1_63B: Non-English Language—German, Yr 2</b>   |           |
| German  | 1210.x#x2 |
| <b>1_63C: Non-English Language—German, Yr 3</b>   |           |
| German  | 1210.x#x3 |

|   |           |
|---|-----------|
| <b>1_63D: Non-English Language—German, Yr 4+</b><br>German                                | 1210.x#x4 |
| <b>1_63E: Non-English Language—German, AP/IB</b><br>AP German Language                    | 1211.x#xx |
| <b>1_64: Non-English Language—Latin</b>   |           |
| <b>1_64A: Non-English Language—Latin, Yr 1</b><br>Latin                                   | 1215.x#x1 |
| <b>1_64B: Non-English Language—Latin, Yr 2</b><br>Latin                                   | 1215.x#x2 |
| <b>1_64C: Non-English Language—Latin, Yr 3</b><br>Latin                                   | 1215.x#x3 |
| <b>1_64D: Non-English Language—Latin, Yr 4+</b><br>Latin                                  | 1215.x#x4 |
| <b>1_64E: Non-English Language—Latin, AP/IB</b><br>AP Latin (Vergil, Catullus and Horace) | 1216.x#xx |
| <b>1_65: Non-English Language—Italian</b>   |           |
| <b>1_65A: Non-English Language—Italian, Yr 1</b><br>Italian                               | 1208.x#x1 |
| <b>1_65B: Non-English Language—Italian, Yr 2</b><br>Italian                               | 1208.x#x2 |
| <b>1_65C: Non-English Language—Italian, Yr 3</b><br>Italian                               | 1208.x#x3 |
| <b>1_65D: Non-English Language—Italian, Yr 4+</b><br>Italian                              | 1208.x#x4 |
| <b>1_65E: Non-English Language—Italian, AP/IB</b>   |           |
| <b>1_66: Non-English Language—Other</b>   |           |
| <b>1_66A: Non-English Language—Other, Yr 1</b><br>Portuguese                              | 1212.x#x1 |
| Russian   | 1213.x#x1 |
| Other European languages  | 1214.x#x1 |
| Greek   | 1217.x#x1 |
| Hebrew  | 1218.x#x1 |
| Mandarin  | 1221.x#x1 |
| Cantonese   | 1222.x#x1 |
| Japanese  | 1223.x#x1 |
| Korean  | 1224.x#x1 |
| Vietnamese  | 1225.x#x1 |
| Tagalog or other Filipino language  | 1226.x#x1 |
| Other East Asian, Southeast Asian, or Pacific Island languages                            | 1227.x#x1 |
| Other Asian languages   | 1228.x#x1 |
| Native American languages   | 1231.x#x1 |
| African languages   | 1241.x#x1 |
| Other languages   | 1251.x#x1 |
| Language for Native Speakers  | 1272.x#x1 |
| Sign Language   | 1281.x#x1 |

**1\_66B: Non-English Language—Other, Yr 2**

|  |           |
|--|-----------|
| Portuguese   | 1212.x#x2 |
| Russian  | 1213.x#x2 |
| Other European languages                                       | 1214.x#x2 |
| Greek  | 1217.x#x2 |
| Hebrew   | 1218.x#x2 |
| Mandarin   | 1221.x#x2 |
| Cantonese  | 1222.x#x2 |
| Japanese   | 1223.x#x2 |
| Korean   | 1224.x#x2 |
| Vietnamese   | 1225.x#x2 |
| Tagalog or other Filipino language                             | 1226.x#x2 |
| Other East Asian, Southeast Asian, or Pacific Island languages | 1227.x#x2 |
| Other Asian languages  | 1228.x#x2 |
| Native American languages                                      | 1231.x#x2 |
| African languages  | 1241.x#x2 |
| Other languages  | 1251.x#x2 |
| Language for Native Speakers                                   | 1272.x#x2 |
| Sign Language  | 1281.x#x2 |

**1\_66C: Non-English Language—Other, Yr 3**

|  |           |
|--|-----------|
| Portuguese   | 1212.x#x3 |
| Russian  | 1213.x#x3 |
| Other European languages                                       | 1214.x#x3 |
| Greek  | 1217.x#x3 |
| Hebrew   | 1218.x#x3 |
| Mandarin   | 1221.x#x3 |
| Cantonese  | 1222.x#x3 |
| Japanese   | 1223.x#x3 |
| Korean   | 1224.x#x3 |
| Vietnamese   | 1225.x#x3 |
| Tagalog or other Filipino language                             | 1226.x#x3 |
| Other East Asian, Southeast Asian, or Pacific Island languages | 1227.x#x3 |
| Other Asian languages  | 1228.x#x3 |
| Native American languages                                      | 1231.x#x3 |
| African languages  | 1241.x#x3 |
| Other languages  | 1251.x#x3 |
| Language for Native Speakers                                   | 1272.x#x3 |
| Sign Language  | 1281.x#x3 |

**1\_66D: Non-English Language—Other, Yr 4+**

|                          |           |
|--------------------------|-----------|
| German                   | 1210.x#x4 |
| Portuguese               | 1212.x#x4 |
| Russian                  | 1213.x#x4 |
| Other European languages | 1214.x#x4 |
| Greek                    | 1217.x#x4 |
| Hebrew                   | 1218.x#x4 |
| Mandarin                 | 1221.x#x4 |
| Cantonese                | 1222.x#x4 |
| Japanese                 | 1223.x#x4 |

|  |           |
|--|-----------|
| Korean   | 1224.x#x4 |
| Vietnamese   | 1225.x#x4 |
| Tagalog or other Filipino language                                 | 1226.x#x4 |
| Other East Asian, Southeast Asian, or Pacific Island languages     | 1227.x#x4 |
| Other Asian languages  | 1228.x#x4 |
| Native American languages  | 1231.x#x4 |
| African languages  | 1241.x#x4 |
| Other languages  | 1251.x#x4 |
| Language for Native Speakers                                       | 1272.x#x4 |
| Sign Language  | 1281.x#x4 |
| <b>1_66E: Non-English Language—Other, AP/IB</b>                    |           |
| IB Language A (non-English)  | 1261.x#xx |
| IB Language B  | 1262.x#xx |
| IB Classical Languages   | 1263.x#xx |
| <b>1_67: Non-English Language, General/Survey</b>                  |           |
| Foreign Language and Literature—Independent Study                  | 1296.x#xx |
| Foreign Language and Literature—Other                              | 1299.x#xx |
| <b>2: VOCATIONAL EDUCATION CURRICULUM</b>                          |           |
| <b>2_A: Family and Consumer Sciences Education</b>                 |           |
| <b>2_AA: Family and Consumer Sciences Ed, 1st Crse</b>             |           |
| Consumer Home Economics—General                                    | 0502.x#x1 |
| Food & Nutrition   | 0503.x#x1 |
| Food Science   | 0504.x#x1 |
| Child Development/Parenting  | 0505.x#x1 |
| Clothing/Sewing  | 0506.x#x1 |
| Life Skills  | 0513.x#x1 |
| Self Management  | 0514.x#x1 |
| Family Living  | 0515.x#x1 |
| Personal Development   | 0516.x#x1 |
| Consumer Economics/Personal Finance                                | 0517.x#x1 |
| Home Furnishing  | 0523.x#x1 |
| Home Maintenance   | 0524.x#x1 |
| Special Education Home Maintenance                                 | 0525.x#x1 |
| Consumer and Homemaking Education—Integrated                       | 0526.x#x1 |
| <b>2_AB: Family and Consumer Sciences Education, &gt;=2nd Crse</b> |           |
| Consumer Home Economics—General                                    | 0502.x#x2 |
| Food & Nutrition   | 0503.x#x2 |
| Food Science   | 0504.x#x2 |
| Child Development/Parenting  | 0505.x#x2 |
| Clothing/Sewing  | 0506.x#x2 |
| Family Living  | 0515.x#x2 |
| Home Furnishing  | 0523.x#x2 |
| Home Maintenance   | 0524.x#x2 |
| Special Education Home Maintenance                                 | 0525.x#x2 |
| Consumer and Homemaking Education—Integrated                       | 0526.x#x2 |
| <b>2_AC: Family and Consumer Sciences Education, Spec. Crse</b>    |           |
| Consumer and Homemaking Education—Other                            | 0599.x#xx |

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|---|-----------|
| <b>2_B: General Labor Market Preparation (GLMP)</b>               |           |
| <b>2_B1: GLMP, Basic Keyboarding/Typewriting</b>                  |           |
| <b>2_B2: GLMP, Industrial Arts</b>                                |           |
| General Industrial Arts   | 1611.x#xx |
| Materials and Processes   | 1612.x#xx |
| Metal and Wood Technology   | 1613.x#xx |
| <b>2_B3: GLMP, Career Preparation/General Work Experience</b>     |           |
| Career Exploration  | 1603.x#xx |
| Employability Skills  | 1604.x#xx |
| Diversified Occupations   | 1605.x#xx |
| Work Experience   | 1606.x#xx |
| Industrial/Technology Education—Related Subjects                  | 1695.x#xx |
| Industrial/Technology Education—Independent Study                 | 1696.x#xx |
| Industrial/Technology Education—OJT                               | 1697.x#xx |
| Industrial/Technology Education—Co-op                             | 1698.x#xx |
| Industrial/Technology Education—Other                             | 1699.x#xx |
| <b>2_B4: GLMP, Technology Education</b>                           |           |
| Production Systems  | 1623.x#xx |
| Technology Systems  | 1625.x#xx |
| Energy/Power  | 0963.x#xx |
| <b>2_B5: GLMP, Other</b>  |           |
| Industrial Safety/First Aid                                       | 1614.x#xx |
| <b>2_C: Specific Labor Market Preparation (SLMP)</b>              |           |
| <b>2_C01: SLMP - Agriculture and Renewable Resources</b>          |           |
| <b>2_C01A: Agriculture and Renewable Resources, 1st Crse</b>      |           |
| Introduction to Agriculture                                       | 0101.x#x0 |
| Agriculture—Comprehensive   | 0102.x#x1 |
| Agriculture Mechanics/Equipment/Structures                        | 0103.x#x1 |
| Animal Production/Science   | 0104.x#x1 |
| Plant Production/Science  | 0105.x#x1 |
| Agricultural Production   | 0106.x#x1 |
| Agricultural Management   | 0107.x#x1 |
| General Horticulture  | 0108.x#x1 |
| Ornamental Horticulture   | 0109.x#x1 |
| Wildlife Management   | 0113.x#x1 |
| Forestry  | 0114.x#x1 |
| Natural Resources Management                                      | 0115.x#x1 |
| Animal Processing   | 0123.x#x1 |
| Agricultural Processing   | 0124.x#x1 |
| <b>2_C01B: Agriculture and Renewable Resources, &gt;=2nd Crse</b> |           |
| Agriculture—Comprehensive   | 0102.x#x2 |
| Agriculture—Comprehensive   | 0102.x#x3 |
| Agriculture—Comprehensive   | 0102.x#x4 |
| Agriculture Mechanics/Equipment/Structures                        | 0103.x#x2 |
| Agriculture Mechanics/Equipment/Structures                        | 0103.x#x3 |
| Agriculture Mechanics/Equipment/Structures                        | 0103.x#x4 |
| Animal Production/Science   | 0104.x#x2 |

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|--|-----------|
| Animal Production/Science  | 0104.x#x3 |
| Animal Production/Science  | 0104.x#x4 |
| Plant Production/Science   | 0105.x#x2 |
| Plant Production/Science   | 0105.x#x3 |
| Plant Production/Science   | 0105.x#x4 |
| Agricultural Production  | 0106.x#x2 |
| Agricultural Production  | 0106.x#x3 |
| Agricultural Production  | 0106.x#x4 |
| Agricultural Management  | 0107.x#x2 |
| Agricultural Management  | 0107.x#x3 |
| Agricultural Management  | 0107.x#x4 |
| General Horticulture   | 0108.x#x2 |
| General Horticulture   | 0108.x#x3 |
| General Horticulture   | 0108.x#x4 |
| Ornamental Horticulture  | 0109.x#x2 |
| Ornamental Horticulture  | 0109.x#x3 |
| Ornamental Horticulture  | 0109.x#x4 |
| Wildlife Management  | 0113.x#x2 |
| Wildlife Management  | 0113.x#x3 |
| Wildlife Management  | 0113.x#x4 |
| Forestry   | 0114.x#x2 |
| Forestry   | 0114.x#x3 |
| Forestry   | 0114.x#x4 |
| Natural Resources Management   | 0115.x#x2 |
| Natural Resources Management   | 0115.x#x3 |
| Natural Resources Management   | 0115.x#x4 |
| Animal Processing  | 0123.x#x2 |
| Animal Processing  | 0123.x#x3 |
| Animal Processing  | 0123.x#x4 |
| Agricultural Processing  | 0124.x#x2 |
| Agricultural Processing  | 0124.x#x3 |
| Agricultural Processing  | 0124.x#x4 |
| <b>2_C01C: Agriculture and Renewable Resources, Specialty Crse</b>       |           |
| Agriculture—Related Subjects   | 0195.x#xx |
| Agriculture—Other  | 0199.x#xx |
| <b>2_C01D: Agriculture and Renewable Resources, Coop/Work Experience</b> |           |
| Agriculture—OJT  | 0197.x#xx |
| Agriculture—Co-op  | 0198.x#xx |
| <b>2_C02: SLMP - Business</b>  |           |
| <b>2_C021: Business Management</b>                                       |           |
| <b>2_C021A: Business Management, 1st Crse</b>                            |           |
| Business/Office Career Exploration                                       | 0201.x#x1 |
| Introductory Business  | 0221.x#x1 |
| Business Management  | 0223.x#x1 |
| Entrepreneurship   | 0224.x#x1 |
| Banking and Finance  | 0225.x#x1 |

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| <b>2_C021B: Business Management, &gt;=2nd Crse</b>        |           |
| Business/Office Career Exploration                        | 0201.x#x2 |
| Business/Office Career Exploration                        | 0201.x#x3 |
| Business Management                                       | 0223.x#x2 |
| Business Management                                       | 0223.x#x3 |
| Entrepreneurship  | 0224.x#x2 |
| Entrepreneurship  | 0224.x#x3 |
| Banking and Finance                                       | 0225.x#x2 |
| Banking and Finance                                       | 0225.x#x3 |
| <b>2_C021C: Business Management, Specialty Crse</b>       |           |
| Business—Independent Study                                | 0296.x#xx |
| Business—Other  | 0299.x#xx |
| <b>2_C021D: Business Management, Coop/Work Experience</b> |           |
| Business—OJT  | 0297.x#xx |
| Business—Co-op  | 0298.x#xx |
| <b>2_C022: Business Services</b>                          |           |
| <b>2_C022A: Business Services, 1st Crse</b>               |           |
| Office Procedures—Comprehensive                           | 0202.x#x1 |
| Office Services   | 0203.x#x1 |
| Keyboarding   | 0204.x#x1 |
| Word Processing   | 0205.x#x1 |
| Recordkeeping   | 0206.x#x1 |
| Accounting  | 0207.x#x1 |
| Notetaking  | 0208.x#x1 |
| Shorthand   | 0209.x#x1 |
| Office Machines   | 0210.x#x1 |
| Business Computer Applications                            | 0303.x#x1 |
| <b>2_C022B: Business Services, &gt;=2nd Crse</b>          |           |
| Office Procedures—Comprehensive                           | 0202.x#x2 |
| Office Procedures—Comprehensive                           | 0202.x#x3 |
| Office Services   | 0203.x#x2 |
| Office Services   | 0203.x#x3 |
| Keyboarding   | 0204.x#x2 |
| Keyboarding   | 0204.x#x3 |
| Word Processing   | 0205.x#x2 |
| Word Processing   | 0205.x#x3 |
| Recordkeeping   | 0206.x#x2 |
| Recordkeeping   | 0206.x#x3 |
| Accounting  | 0207.x#x2 |
| Accounting  | 0207.x#x3 |
| Notetaking  | 0208.x#x2 |
| Notetaking  | 0208.x#x3 |
| Shorthand   | 0209.x#x2 |
| Shorthand   | 0209.x#x3 |
| Office Machines   | 0210.x#x2 |
| Office Machines   | 0210.x#x3 |
| Business Computer Applications                            | 0303.x#x2 |

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| <b>2_C022C: Business Services, Specialty Crse</b>               |           |
| Business—Independent Study                                      | 0296.x#xx |
| Business—Other  | 0299.x#xx |
| <b>2_C022D: Business Services, Coop/Work Experience</b>         |           |
| Business—OJT  | 0297.x#xx |
| Business—Co-op  | 0298.x#xx |
| <b>2_C03: SLMP - Marketing and Distribution</b>                 |           |
| <b>2_C03A: Marketing and Distribution, 1st Crse</b>             |           |
| Marketing Career Exploration                                    | 1801.x#x0 |
| Marketing—General   | 1802.x#x1 |
| Marketing—Fashion   | 1803.x#x1 |
| Marketing—Real Estate   | 1804.x#x1 |
| Marketing—Transportation  | 1805.x#x1 |
| Marketing—Other Specialization                                  | 1806.x#x1 |
| Marketing Management  | 1826.x#x1 |
| <b>2_C03B: Marketing and Distribution, &gt;=2nd Crse</b>        |           |
| Marketing—General   | 1802.x#x2 |
| Marketing—Fashion   | 1803.x#x2 |
| Marketing—Real Estate   | 1804.x#x2 |
| Marketing—Transportation  | 1805.x#x2 |
| Marketing—Other Specialization                                  | 1806.x#x2 |
| Marketing Management  | 1826.x#x2 |
| <b>2_C03C: Marketing and Distribution, Specialty Crse</b>       |           |
| Warehouse Operations  | 1813.x#xx |
| Retail Marketing  | 1814.x#xx |
| Cashier/Checker Operations                                      | 1815.x#xx |
| Principles of Marketing   | 1823.x#xx |
| Principles of Advertising                                       | 1824.x#xx |
| Principles of Selling   | 1825.x#xx |
| Marketing—Independent Study                                     | 1896.x#xx |
| Marketing—Other   | 1899.x#xx |
| <b>2_C03D: Marketing and Distribution, Coop/Work Experience</b> |           |
| Marketing—OJT   | 1897.x#xx |
| Marketing—Co-op   | 1898.x#xx |
| <b>2_C04: SLMP - Health Care</b>                                |           |
| <b>2_C04A: Health Care, 1st Crse</b>                            |           |
| Health Care Occupations Career Exploration                      | 1501.x#x0 |
| Health Care Occupations   | 1502.x#x1 |
| Allied Health Occupations                                       | 1503.x#x1 |
| Nursing   | 1504.x#x1 |
| Nursing—LPN   | 1505.x#x1 |
| Home Health Care  | 1506.x#x1 |
| Medical/Clerical Assisting                                      | 1513.x#x1 |
| Medical Office  | 1514.x#x1 |
| Medical Lab Technology  | 1515.x#x1 |
| Emergency Medical Technology                                    | 1517.x#x1 |
| Central Service Technology                                      | 1519.x#x1 |
| Dental Assisting  | 1523.x#x1 |

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| Dental Laboratory Technology  | 1524.x#x1 |
| <b>2_C04B: Health Care, &gt;=2nd Crse</b>                           |           |
| Health Care Occupations   | 1502.x#x2 |
| Allied Health Occupations   | 1503.x#x2 |
| Nursing   | 1504.x#x2 |
| Nursing—LPN   | 1505.x#x2 |
| Home Health Care  | 1506.x#x2 |
| Medical/Clerical Assisting  | 1513.x#x2 |
| Medical Office  | 1514.x#x2 |
| Medical Lab Technology  | 1515.x#x2 |
| Emergency Medical Technology  | 1517.x#x2 |
| Central Service Technology  | 1519.x#x2 |
| Dental Assisting  | 1523.x#x2 |
| Dental Laboratory Technology  | 1524.x#x2 |
| <b>2_C04C: Health Care, Specialty Crse</b>                          |           |
| EKG Technology  | 1516.x#xx |
| Surgical Technology   | 1518.x#xx |
| Vision Care Assisting   | 1533.x#xx |
| Health Care Sciences—Related Subjects                               | 1595.x#xx |
| Health Care Sciences—Independent Study                              | 1596.x#xx |
| Health Care Sciences—Other  | 1599.x#xx |
| <b>2_C04D: Health Care, Coop/Work Experience</b>                    |           |
| Health Care Sciences—OJT  | 1597.x#xx |
| Health Care Sciences—Co-op  | 1598.x#xx |
| <b>2_C05: SLMP - Public and Protective Services</b>                 |           |
| <b>2_C05A: Public and Protective Services, 1st Crse</b>             |           |
| Exploration of Public Service Careers                               | 2501.x#x1 |
| Community Protection  | 2503.x#x1 |
| Community Protection  | 2503.x#x2 |
| Public Administration   | 2504.x#x1 |
| Public Administration   | 2504.x#x2 |
| Criminal Justice Assisting  | 2513.x#x1 |
| Criminal Justice Assisting  | 2513.x#x2 |
| Fire Fighting   | 2523.x#x1 |
| Fire Fighting   | 2523.x#x2 |
| Civil Engineering   | 2543.x#x1 |
| Civil Engineering   | 2543.x#x2 |
| <b>2_C05B: Public and Protective Services, &gt;=2nd Crse</b>        |           |
| <b>2_C05C: Public and Protective Services, Specialty Crse</b>       |           |
| Educational Methodology   | 2534.x#xx |
| Public, Protective, and Social Services—Related Subjects            | 2595.x#xx |
| Public, Protective, and Social Services—Independent Study           | 2596.x#xx |
| Public, Protective, and Social Services—Other                       | 2599.x#xx |
| <b>2_C05D: Public and Protective Services, Coop/Work Experience</b> |           |
| Public, Protective, and Social Services—OJT                         | 2597.x#xx |
| Public, Protective, and Social Services—Co-op                       | 2598.x#xx |

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| <b>2_C06: SLMP - Trade and Industry</b>                             |           |
| <b>2_C061: (T&amp;I) Construction Trades</b>                        |           |
| <b>2_C061A: (T&amp;I) Construction Trades, 1st Crse</b>             |           |
| Construction Careers Exploration                                    | 0401.x#x0 |
| Construction  | 0402.x#x1 |
| Carpentry   | 0414.x#x1 |
| Framing Carpentry   | 0415.x#x1 |
| Masonry   | 0423.x#x1 |
| Plumbing  | 0438.x#x1 |
| Exploration of Electricity/Electronics                              | 0441.x#x0 |
| Electricity—Comprehensive   | 0442.x#x1 |
| Residential Wiring  | 0443.x#x1 |
| Electricity/Electronics—General                                     | 0462.x#x1 |
| Building Maintenance  | 0473.x#x1 |
| <b>2_C061B: (T&amp;I) Construction Trades, &gt;=2nd Crse</b>        |           |
| Construction  | 0402.x#x2 |
| Carpentry   | 0414.x#x2 |
| Framing Carpentry   | 0415.x#x2 |
| Masonry   | 0423.x#x2 |
| Plumbing  | 0438.x#x2 |
| Electricity—Comprehensive   | 0442.x#x2 |
| Residential Wiring  | 0443.x#x2 |
| Electricity/Electronics—General                                     | 0462.x#x2 |
| Building Maintenance  | 0473.x#x2 |
| <b>2_C061C: (T&amp;I) Construction Trades, Specialty Crse</b>       |           |
| Particular Topics in Carpentry                                      | 0416.x#xx |
| Particular Topics in Electricity                                    | 0445.x#xx |
| Particular Topics in Electricity/Electronics                        | 0463.x#xx |
| Electricity/Electronics—Related Subjects                            | 0494.x#xx |
| Construction Trades—Related Subjects                                | 0495.x#xx |
| Construction Trades—Other   | 0499.x#xx |
| <b>2_C061D: (T&amp;I) Construction Trades, Coop/Work Experience</b> |           |
| Construction Trades—OJT   | 0497.x#xx |
| Construction Trades—Co-op   | 0498.x#xx |
| <b>2_C062: (T&amp;I) Mechanics and Repair</b>                       |           |
| <b>2_C062A: (T&amp;I) Mechanics and Repair, 1st Crse</b>            |           |
| Air Conditioning  | 0431.x#x1 |
| Refrigeration   | 0432.x#x1 |
| Heating   | 0433.x#x1 |
| Air Conditioning/Refrigeration                                      | 0434.x#x1 |
| Air Conditioning/Heating/Refrigeration                              | 0435.x#x1 |
| Heating/Ventilation/Air Conditioning                                | 0436.x#x1 |
| Plumbing and Heating  | 0439.x#x1 |
| Industrial Electricity  | 0444.x#x1 |
| Introduction to Automobiles   | 0901.x#x0 |
| Introduction to Mechanics/Transportation                            | 0911.x#x1 |
| Automotive Mechanics—Comprehensive                                  | 0912.x#x1 |
| Automotive Service  | 0914.x#x1 |

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| Diesel Mechanics—General  | 0915.x#x1 |
| Motorcycle Mechanics  | 0917.x#x1 |
| Small Engine Mechanics  | 0918.x#x1 |
| Marine Mechanics  | 0919.x#x1 |
| Aircraft Power Plant  | 0922.x#x1 |
| Aircraft Airframe   | 0923.x#x1 |
| Automotive Detailing and Reconditioning                                     | 0933.x#x1 |
| Automotive Body Repair and Refinishing—General                              | 0942.x#x1 |
| Boat Repair/Refinishing   | 0944.x#x1 |
| Appliance Repair  | 1633.x#x1 |
| Equipment Maintenance and Repair  | 1634.x#x1 |
| <b>2_C062B: (T&amp;I) Mechanics and Repair, &gt;=2nd Crse</b>               |           |
| Air Conditioning  | 0431.x#x2 |
| Refrigeration   | 0432.x#x2 |
| Heating   | 0433.x#x2 |
| Air Conditioning/Refrigeration  | 0434.x#x2 |
| Air Conditioning/Heating/Refrigeration                                      | 0435.x#x2 |
| Heating/Ventilation/Air Conditioning  | 0436.x#x2 |
| Plumbing and Heating  | 0439.x#x2 |
| Industrial Electricity  | 0444.x#x2 |
| Introduction to Mechanics/Transportation                                    | 0911.x#x2 |
| Automotive Mechanics—Comprehensive  | 0912.x#x2 |
| Automotive Service  | 0914.x#x2 |
| Diesel Mechanics—General  | 0915.x#x2 |
| Motorcycle Mechanics  | 0917.x#x2 |
| Small Engine Mechanics  | 0918.x#x2 |
| Marine Mechanics  | 0919.x#x2 |
| Aircraft Power Plant  | 0922.x#x2 |
| Aircraft Airframe   | 0923.x#x2 |
| Automotive Detailing and Reconditioning                                     | 0933.x#x2 |
| Automotive Body Repair and Refinishing—General                              | 0942.x#x2 |
| Boat Repair/Refinishing   | 0944.x#x2 |
| Appliance Repair  | 1633.x#x2 |
| Equipment Maintenance and Repair  | 1634.x#x2 |
| <b>2_C062C: (T&amp;I) Mechanics and Repair, Specialty Crse</b>              |           |
| Particular Topics in HVACR  | 0437.x#xx |
| Particular Topics in Automotive Mechanics                                   | 0913.x#xx |
| Particular Topics in Diesel Mechanics                                       | 0916.x#xx |
| Particular Topics in Automotive Body Repair and Refinishing                 | 0943.x#xx |
| <b>2_C062D: (T&amp;I) Mechanics and Repair, Coop/Work Experience</b>        |           |
| <b>2_C063: (T&amp;I) Precision Production</b>                               |           |
| <b>2_C0631: (T&amp;I) Precision Production (Drafting/Graphics/Printing)</b> |           |
| <b>2_C0631A: (T&amp;I) Precision Production (Dr/Gr/Pr), 1st Crse</b>        |           |
| Drafting Careers Exploration  | 0701.x#x1 |
| Drafting—General  | 0702.x#x1 |
| Drafting—Architectural  | 0703.x#x1 |
| Drafting—Civil/Structural   | 0704.x#x1 |

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| Drafting—Electrical/Electronic  | 0705.x#x1 |
| Drafting—Technical/Mechanical   | 0706.x#x1 |
| CAD Design and Software   | 0707.x#x1 |
| Blueprint Reading—General   | 0712.x#x1 |
| Communication Exploration   | 1300.x#x0 |
| Graphic Communication Exploration   | 1300.x#x0 |
| Printing Careers Exploration  | 1300.x#x0 |
| Graphic Arts/Printing   | 1313.x#x1 |
| Commercial Art  | 1323.x#x1 |
| Commercial Photography  | 1333.x#x1 |
| <b>2_C0631B: (T&amp;I) Prec. Prod. (Drafting/Graphics/Printing), &gt;=2nd Crse</b>  |           |
| Drafting—General  | 0702.x#x2 |
| Drafting—Architectural  | 0703.x#x2 |
| Drafting—Civil/Structural   | 0704.x#x2 |
| Drafting—Electrical/Electronic  | 0705.x#x2 |
| Drafting—Technical/Mechanical   | 0706.x#x2 |
| CAD Design and Software   | 0707.x#x2 |
| Blueprint Reading—General   | 0712.x#x2 |
| Graphic Arts/Printing   | 1313.x#x2 |
| Commercial Art  | 1323.x#x2 |
| Commercial Photography  | 1333.x#x2 |
| <b>2_C0631C: (T&amp;I) Prec. Prod. (Drafting/Graphics/Printing), Specialty Crse</b> |           |
| Blueprint Reading—Related   | 0713.x#xx |
| Drafting—Related Subjects   | 0795.x#xx |
| Drafting—Independent Study  | 0796.x#xx |
| Drafting—Other  | 0799.x#xx |
| Graphic and Printing Communication—Related Subjects                                 | 1395.x#xx |
| Graphic and Printing Communication—OJT  | 1397.x#xx |
| Graphic and Printing Communication—Other  | 1399.x#xx |
| <b>2_C0632: (T&amp;I) Precision Production (Metals/Woods/Plastics)</b>              |           |
| <b>2_C0632A: (T&amp;I) Prec. Prod. (Metals/Woods/Plastics), 1st Crse</b>            |           |
| Woodworking   | 0417.x#x1 |
| Cabinetmaking   | 0418.x#x1 |
| Manufacturing Systems   | 1624.x#x1 |
| Machining   | 2403.x#x1 |
| Metalworking  | 2412.x#x1 |
| Sheet Metal   | 2413.x#x1 |
| Welding   | 2414.x#x1 |
| <b>2_C0632B: (T&amp;I) Prec. Prod. (Metals/Woods/Plastics), &gt;=2nd Crse</b>       |           |
| Woodworking   | 0417.x#x2 |
| Cabinetmaking   | 0418.x#x2 |
| Manufacturing Systems   | 1624.x#x2 |
| Machining   | 2403.x#x2 |
| Metalworking  | 2412.x#x2 |
| Sheet Metal   | 2413.x#x2 |
| Welding   | 2414.x#x2 |

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| <b>2_C0632C: (T&amp;I) Prec. Prod. (Metals/Woods/Plastics), Specialty Crse</b>     |           |
| Particular Topics in Machining   | 2404.x#xx |
| Particular Topics in Welding   | 2415.x#xx |
| Precision Metalwork—Related Subjects   | 2495.x#xx |
| Precision Metalwork—Independent Study  | 2496.x#xx |
| Precision Metalwork—Other  | 2499.x#xx |
| <b>2_C0633: (T&amp;I) Precision Production (Other)</b>                             |           |
| <b>2_C0633A: (T&amp;I) Precision Production (Other), 1st Crse</b>                  |           |
| Electronics—General  | 0452.x#x1 |
| Upholstery   | 1643.x#x1 |
| <b>2_C0633B: (T&amp;I) Precision Production (Other,) &gt;=2nd Crse</b>             |           |
| Electronics—General  | 0452.x#x2 |
| Upholstery   | 1643.x#x2 |
| <b>2_C0633C: (T&amp;I) Precision Production (Other), Specialty Crse</b>            |           |
| Particular Topics in Electronics   | 0453.x#xx |
| <b>2_C0634: (T&amp;I) Precision Production, Coop/Work Experience</b>               |           |
| Drafting—OJT   | 0797.x#xx |
| Drafting—Co-op   | 0798.x#xx |
| Graphic and Printing Communication—Co-op   | 1398.x#xx |
| Precision Metalwork—OJT  | 2497.x#xx |
| Precision Metalwork—Co-op  | 2498.x#xx |
| <b>2_C064: (T&amp;I) Transportation and Material Moving</b>                        |           |
| <b>2_C064A: (T&amp;I) Transportation and Material Moving, 1st Crse</b>             |           |
| Aviation   | 0953.x#x1 |
| Barge and Boat Operation   | 0954.x#x1 |
| <b>2_C064B: (T&amp;I) Transportation and Material Moving, &gt;=2nd Crse</b>        |           |
| Aviation   | 0953.x#x2 |
| Barge and Boat Operation   | 0954.x#x2 |
| <b>2_C064C: (T&amp;I) Transportation and Material Moving, Specialty Crse</b>       |           |
| Transportation Technology—Related Subjects   | 0995.x#xx |
| Transportation Technology—Other  | 0999.x#xx |
| <b>2_C064D: (T&amp;I) Transportation and Material Moving, Coop/Work Experience</b> |           |
| Transportation Technology—OJT  | 0997.x#xx |
| Transportation Technology—Co-op  | 0998.x#xx |
| <b>2_C07: Technology and Communications</b>  |           |
| <b>2_C071: Computer Technology</b>   |           |
| <b>2_C071A: Computer Technology, 1st Crse</b>                                      |           |
| Basic Computer   | 0301.x#x1 |
| General Computer Applications  | 0302.x#x1 |
| Business Programming   | 0313.x#x1 |
| Data Systems/Processing  | 0314.x#x1 |
| Computer Graphics  | 0315.x#x1 |
| Computing Systems  | 0316.x#x1 |
| Computer Technology  | 0317.x#x1 |
| Network Technology   | 0318.x#x1 |
| Computer Science/Programming   | 0323.x#x1 |
| BASIC Programming  | 0324.x#x1 |
| Pascal Programming   | 0325.x#x1 |

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| Computer Math—Algebra I level                                  | 2068.x#x1 |
| Computer Math—Algebra II level                                 | 2069.x#x1 |
| Computer Math—Pre-Calculus level                               | 2070.x#x1 |
| <b>2_C071B: Computer Technology, &gt;=2nd Crse</b>             |           |
| <b>2_C071BA: Computer Technology, &gt;=2nd Crse, non-AP/IB</b> |           |
| Basic Computer   | 0301.x#x2 |
| General Computer Applications                                  | 0302.x#x2 |
| Business Programming   | 0313.x#x2 |
| Data Systems/Processing  | 0314.x#x2 |
| Computer Graphics  | 0315.x#x2 |
| Computing Systems  | 0316.x#x2 |
| Computer Technology  | 0317.x#x2 |
| Network Technology   | 0318.x#x2 |
| Computer Science/Programming                                   | 0323.x#x2 |
| BASIC Programming  | 0324.x#x2 |
| Pascal Programming   | 0325.x#x2 |
| Computer Math—Algebra I level                                  | 2068.x#x2 |
| Computer Math—Algebra II level                                 | 2069.x#x2 |
| Computer Math—Pre-Calculus level                               | 2070.x#x2 |
| <b>2_C071BB: Computer Technology, &gt;=2nd Crse, AP/IB</b>     |           |
| AP Computer Science  | 0327.x#xx |
| IB Computing Studies   | 0328.x#xx |
| <b>2_C071C: Computer Technology, Specialty Crse</b>            |           |
| Computer Programming—Other Language                            | 0326.x#xx |
| Computer and Information Sciences—Related Subjects             | 0395.x#xx |
| Computer and Information Sciences—Independent Study            | 0396.x#xx |
| Computer and Information Sciences—Other                        | 0399.x#xx |
| <b>2_C071D: Computer Technology, Coop/Work Experience</b>      |           |
| Computer and Information Sciences—OJT                          | 0397.x#xx |
| Computer and Information Sciences—Co-op                        | 0398.x#xx |
| <b>2_C072: Communication Technology</b>                        |           |
| <b>2_C072A: Communication Technology, 1st Crse</b>             |           |
| Journalism   | 1902.x#x1 |
| Mass Media—Production  | 1911.x#x1 |
| Mass Media—Communications                                      | 1921.x#x1 |
| Photojournalism  | 1931.x#x1 |
| <b>2_C072B: Communication Technology, &gt;=2nd Crse</b>        |           |
| Journalism   | 1902.x#x2 |
| Mass Media—Production  | 1911.x#x2 |
| Mass Media—Communications                                      | 1921.x#x2 |
| Photojournalism  | 1931.x#x2 |
| <b>2_C072C: Communication Technology, Specialty Crse</b>       |           |
| Mass Communication—Independent Study                           | 1996.x#xx |
| Mass Communication—Other                                       | 1999.x#xx |
| <b>2_C072D: Communication Technology, Coop/Work Experience</b> |           |

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| <b>2_C073: Other Technologies</b>                                |           |
| <b>2_C073A: Other Technologies, 1st Crse</b>                     |           |
| Emergent Technologies  | 1626.x#x1 |
| Research and Development   | 1627.x#x1 |
| <b>2_C073B: Other Technologies, &gt;=2nd Crse</b>                |           |
| Emergent Technologies  | 1626.x#x2 |
| Research and Development   | 1627.x#x2 |
| <b>2_C073C: Other Technologies, Specialty Crse</b>               |           |
| <b>2_C073D: Other Technologies, Coop/Work Experience</b>         |           |
| <b>2_C08: SLMP - Personal and Other Services</b>                 |           |
| <b>2_C08A: Personal and Other Services, 1st Crse</b>             |           |
| Cosmetology—Licensing  | 0603.x#x1 |
| Barbering  | 0604.x#x1 |
| Cosmetology—Non-licensing  | 0605.x#x1 |
| Home Economics Career Exploration                                | 2901.x#x0 |
| Clothing/Textiles  | 2932.x#x1 |
| Home Furnishings Production                                      | 2933.x#x1 |
| Institutional Maintenance  | 2952.x#x1 |
| <b>2_C08B: Personal and Other Services, &gt;=2nd Crse</b>        |           |
| Cosmetology—Licensing  | 0603.x#x2 |
| Barbering  | 0604.x#x2 |
| Cosmetology—Non-licensing  | 0605.x#x2 |
| Clothing/Textiles  | 2932.x#x2 |
| Home Furnishings Production                                      | 2933.x#x2 |
| Institutional Maintenance  | 2952.x#x2 |
| <b>2_C08C: Personal and Other Services, Specialty Crse</b>       |           |
| Cosmetology—Nail Specialization                                  | 0606.x#xx |
| Cosmetology—Facial Specialization                                | 0607.x#xx |
| Cosmetology—Related Subjects                                     | 0695.x#xx |
| Cosmetology—Other  | 0699.x#xx |
| Vocational Home Economics—Related Subjects                       | 2995.x#xx |
| Vocational Home Economics—Other                                  | 2999.x#xx |
| <b>2_C08D: Personal and Other Services, Coop/Work Experience</b> |           |
| Cosmetology—OJT  | 0697.x#xx |
| Cosmetology—Co-op  | 0698.x#xx |
| Vocational Home Economics—OJT                                    | 2997.x#xx |
| Vocational Home Economics—Co-op                                  | 2998.x#xx |
| <b>2_C09: SLMP - Food Service and Hospitality</b>                |           |
| <b>2_C09A: Food Service and Hospitality, 1st Crse</b>            |           |
| Food Service   | 2912.x#x1 |
| Food Service and Nutrition                                       | 2913.x#x1 |
| Hospitality—General  | 2942.x#x1 |
| Hospitality—Food Service emphasis                                | 2943.x#x1 |
| Hospitality—Hotel/Motel emphasis                                 | 2944.x#x1 |
| Travel/Tourism   | 2945.x#x1 |

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| <b>2_C09B: Food Service and Hospitality, &gt;=2nd Crse</b>        |           |
| Food Service  | 2912.x#x2 |
| Food Service and Nutrition  | 2913.x#x2 |
| Hospitality—General   | 2942.x#x2 |
| Hospitality—Food Service emphasis                                 | 2943.x#x2 |
| Hospitality—Hotel/Motel emphasis                                  | 2944.x#x2 |
| Travel/Tourism  | 2945.x#x2 |
| <b>2_C09C: Food Service and Hospitality, Specialty Crse</b>       |           |
| <b>2_C09D: Food Service and Hospitality, Coop/Work Experience</b> |           |
| <b>2_C10: SLMP - Child Care and Education</b>                     |           |
| <b>2_C10A: Child Care and Education, 1st Crse</b>                 |           |
| Teacher Assisting   | 2533.x#x1 |
| Teacher Assisting   | 2533.x#x2 |
| Child Care  | 2923.x#x1 |
| Elder Care  | 2924.x#x1 |
| <b>2_C10B: Child Care and Education, &gt;=2nd Crse</b>            |           |
| Child Care  | 2923.x#x2 |
| Elder Care  | 2924.x#x2 |
| <b>2_C10C: Child Care and Education, Specialty Crse</b>           |           |
| <b>2_C10D: Child Care and Education, Coop/Work Experience</b>     |           |
| <b>2_C11: SLMP, Unidentified Subject</b>                          |           |
| OJT—Non-specified Program   | 1607.x#xx |
| Co-op—Non-specified Program                                       | 1608.x#xx |
| <b>3: ENRICHMENT/OTHER CURRICULUM</b>                             |           |
| <b>3_1: General Skills</b>  |           |
| <b>3_1A: General Skills, Enrichment</b>                           |           |
| Standardized Test Preparation                                     | 0801.x#xx |
| State Test Preparation  | 0802.x#xx |
| Study Skills  | 0803.x#xx |
| Study Hall  | 0833.x#xx |
| Leadership  | 0841.x#xx |
| School Orientation  | 0842.x#xx |
| School Governance   | 0843.x#xx |
| Executive Internship with Seminar                                 | 0852.x#xx |
| Executive Internship without Seminar                              | 0853.x#xx |
| Values Clarification  | 0861.x#xx |
| Seminar   | 0862.x#xx |
| Independent Research  | 0896.x#xx |
| Elective Activities—Other   | 0899.x#xx |
| Travel Program  | 2224.x#xx |
| <b>3_1B: General Skills, Assistance</b>                           |           |
| Dropout Prevention Program  | 0811.x#xx |
| Tutorial  | 0832.x#xx |

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| <b>3_1C: General Skills, Service</b>                     |           |
| Student Aide   | 0821.x#xx |
| Office Aide  | 0822.x#xx |
| Teacher Aide   | 0823.x#xx |
| Guidance Aide  | 0824.x#xx |
| Library/AVC Aide   | 0825.x#xx |
| Tutoring Practicum                                       | 0831.x#xx |
| Community Service  | 0851.x#xx |
| <b>3_2: Health, Physical, and Recreational Education</b> |           |
| Health Education   | 1401.x#xx |
| Health and Fitness                                       | 1402.x#xx |
| Community Health   | 1403.x#xx |
| Special Needs Health Education                           | 1404.x#xx |
| Safety and First Aid                                     | 1405.x#xx |
| Health for Parenting Teens                               | 1406.x#xx |
| Health and Life Management                               | 1407.x#xx |
| Drivers' Education—Classroom only                        | 1411.x#xx |
| Drivers' Education—Classroom and Laboratory              | 1412.x#xx |
| Health/Drivers' Education                                | 1413.x#xx |
| Health Education—Other                                   | 1499.x#xx |
| Physical Education                                       | 2301.x#xx |
| Physical Education/Health                                | 2302.x#xx |
| Physical Education/Drivers' Education                    | 2303.x#xx |
| Team Sports  | 2311.x#xx |
| Individual/Dual Sports                                   | 2312.x#xx |
| Recreation Sports  | 2313.x#xx |
| Fitness/Conditioning Activities                          | 2314.x#xx |
| Corps Movement   | 2315.x#xx |
| Adapted Physical Education                               | 2316.x#xx |
| Gymnastics   | 2321.x#xx |
| Weight Training  | 2322.x#xx |
| Swimming   | 2323.x#xx |
| Tennis   | 2324.x#xx |
| Specific Sports Activities                               | 2325.x#xx |
| Physical Education Equivalent                            | 2331.x#xx |
| Off-Campus Sports  | 2332.x#xx |
| Lifetime Fitness Education                               | 2341.x#xx |
| Sports Physiology  | 2351.x#xx |
| Physical Education—Other                                 | 2399.x#xx |
| <b>3_3: Religion and Theology</b>                        |           |
| Religious Foundations                                    | 2601.x#xx |
| Comparative Religion                                     | 2605.x#xx |
| Eastern Religions  | 2606.x#xx |
| Western Religions  | 2607.x#xx |
| Scriptures   | 2611.x#xx |
| Bible History  | 2612.x#xx |
| Christology  | 2615.x#xx |
| Liturgy and Prayer                                       | 2621.x#xx |

|  |           |
|--|-----------|
| Ethics and Morality  | 2631.x#xx |
| Justice, Peace, and Faith  | 2632.x#xx |
| Christian Lifestyles   | 2635.x#xx |
| Ministry   | 2641.x#xx |
| Ministry—Other   | 2642.x#xx |
| Religious Education and Theology—Related Subjects                    | 2695.x#xx |
| Religious Education and Theology—Independent Study                   | 2696.x#xx |
| Religious Education and Theology—Other                               | 2699.x#xx |
| <b>3_4: Military Science</b>   |           |
| Introduction to ROTC   | 2111.x#xx |
| Military ROTC  | 2112.x#xx |
| ROTC Drill   | 2121.x#xx |
| Military Science—Related Subjects                                    | 2195.x#xx |
| Military Science—Other   | 2199.x#xx |
| <b>4: SPECIAL EDUCATION CURRICULUM</b>                               |           |
| Special Resources  | 2802.2#xx |
| Community Living   | 2803.2#xx |
| Mobility Instruction   | 2804.2#xx |
| Communication Instruction  | 2805.2#xx |
| Social Development Instruction                                       | 2806.2#xx |
| Transition   | 2807.2#xx |
| Special/Exceptional Education—Other                                  | 2899.2#xx |
| * American Literature/History  | 1041      |
| <b>Not able to fit into SST without optional subject area codes:</b> |           |
| Team-Taught Block  | 2221.x#xx |
| Thematic Integration   | 2222.x#xx |
| Multi/Interdisciplinary Studies—Other                                | 2299.x#xx |

**Appendix A**  
**Professional Work Group**

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Rob Meyer, University of Chicago  
Roberto Agodini, Mathematica Policy Research  
Dawn Nelson, NCES/ED  
Jim Houser, NCES/ED  
Marty Orland, NCES/ED  
Jeff Owings, NCES/ED  
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Helen Thornton, Office of Special Education Programs and Rehabilitative Services/ED  
Cynthia Brown, Office of Vocational and Adult Education/ED  
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David Burkam, University of Michigan  
Barbara Clements, Evaluation Software Publishing, Inc  
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Lisa Hudson, NCES/ED  
John Taylor, NORC  
Larry Ogle, NCES/ED  
Kathy Oliver, Maryland Department of Education  
Julie Vitale, CORD  
Becky Jo Hayward, RTI

## **Appendix B**

### **Effects of the Revision**

**Table 1 Average Number of Academic, Vocational, and Enrichment/Other Credits Earned by 1992 Graduates, by Selected Background Characteristics**

|                            | Average Academic Credit |       | Average Vocational Credit |      | Average Enrichment/Other Credit |      |
|----------------------------|-------------------------|-------|---------------------------|------|---------------------------------|------|
|                            | RT                      | SST   | RT                        | SST  | RT                              | SST  |
| Total                      | 17.29                   | 17.47 | 3.77                      | 3.55 | 2.80                            | 2.84 |
| Sex                        |                         |       |                           |      |                                 |      |
| Male                       | 16.80                   | 16.97 | 3.87                      | 3.67 | 3.00                            | 3.02 |
| Female                     | 17.79                   | 17.96 | 3.67                      | 3.42 | 2.59                            | 2.67 |
| Race/Ethnicity             |                         |       |                           |      |                                 |      |
| Asian                      | 18.15                   | 18.37 | 3.27                      | 3.00 | 3.18                            | 3.24 |
| Hispanic                   | 16.66                   | 16.92 | 3.96                      | 3.65 | 3.12                            | 3.17 |
| Black, non-Hispanic        | 16.60                   | 16.73 | 3.96                      | 3.81 | 2.78                            | 2.81 |
| White, non-Hispanic        | 17.45                   | 17.62 | 3.74                      | 3.52 | 2.73                            | 2.78 |
| Native American            | 15.71                   | 15.93 | 4.75                      | 4.45 | 2.95                            | 3.04 |
| Parents' Highest Education |                         |       |                           |      |                                 |      |
| Less than high school      | 16.00                   | 16.18 | 4.68                      | 4.46 | 2.69                            | 2.73 |
| High school only           | 16.23                   | 16.39 | 4.64                      | 4.43 | 2.62                            | 2.66 |
| Some postsecondary         | 17.10                   | 17.28 | 3.98                      | 3.76 | 2.87                            | 2.91 |
| Four-year degree           | 18.56                   | 18.78 | 2.90                      | 2.62 | 2.86                            | 2.91 |
| Advanced degree            | 19.55                   | 19.69 | 2.07                      | 1.87 | 2.77                            | 2.83 |
| High School Type           |                         |       |                           |      |                                 |      |
| Public                     | 17.12                   | 17.30 | 3.98                      | 3.76 | 2.64                            | 2.69 |
| Private                    | 19.00                   | 19.17 | 1.63                      | 1.39 | 4.32                            | 4.39 |
| Socioeconomic Status       |                         |       |                           |      |                                 |      |
| Lowest quartile            | 15.76                   | 15.92 | 4.91                      | 4.70 | 2.69                            | 2.73 |
| 26-50%                     | 16.44                   | 16.61 | 4.46                      | 4.25 | 2.84                            | 2.88 |
| 51-75%                     | 17.57                   | 17.76 | 3.62                      | 3.38 | 2.87                            | 2.92 |
| Highest quartile           | 19.13                   | 19.30 | 2.39                      | 2.15 | 2.78                            | 2.85 |
| LEP Status                 |                         |       |                           |      |                                 |      |
| LEP                        | 16.29                   | 16.41 | 4.22                      | 4.09 | 3.27                            | 3.27 |
| Not LEP                    | 17.48                   | 17.66 | 3.69                      | 3.46 | 2.78                            | 2.82 |
| IEP/Disability Status      |                         |       |                           |      |                                 |      |
| Has IEP/disability         | 14.16                   | 14.27 | 5.66                      | 5.54 | 3.38                            | 3.40 |
| No IEP/disability          | 17.37                   | 17.55 | 3.71                      | 3.48 | 2.78                            | 2.83 |

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 2a Average Number of Academic Credits Earned by 1992 Graduates, by Academic Area and by Selected Background Characteristics**

|                            | Average<br>Mathematics<br>Credit |      | Average<br>Science<br>Credit |      | Average<br>English<br>Credit |      | Average<br>Social Studies<br>Credit |      |
|----------------------------|----------------------------------|------|------------------------------|------|------------------------------|------|-------------------------------------|------|
|                            | RT                               | SST  | RT                           | SST  | RT                           | SST  | RT                                  | SST  |
|                            | Total                            | 3.27 | 3.44                         | 2.9  | 2.90                         | 4.24 | 4.19                                | 3.57 |
| Sex                        |                                  |      |                              |      |                              |      |                                     |      |
| Male                       | 3.28                             | 3.45 | 2.9                          | 2.90 | 4.18                         | 4.14 | 3.55                                | 3.58 |
| Female                     | 3.26                             | 3.43 | 2.91                         | 2.91 | 4.29                         | 4.24 | 3.60                                | 3.63 |
| Race/Ethnicity             |                                  |      |                              |      |                              |      |                                     |      |
| Asian                      | 3.47                             | 3.67 | 3.19                         | 3.19 | 4.34                         | 4.11 | 3.55                                | 3.56 |
| Hispanic                   | 3.14                             | 3.39 | 2.61                         | 2.61 | 4.38                         | 4.25 | 3.38                                | 3.42 |
| Black, non-Hispanic        | 3.29                             | 3.42 | 2.76                         | 2.76 | 4.24                         | 4.20 | 3.58                                | 3.60 |
| White, non-Hispanic        | 3.28                             | 3.44 | 2.95                         | 2.95 | 4.21                         | 4.19 | 3.60                                | 3.63 |
| Native American            | 2.95                             | 3.16 | 2.54                         | 2.54 | 4.20                         | 4.09 | 3.64                                | 3.65 |
| Parents' Highest Education |                                  |      |                              |      |                              |      |                                     |      |
| Less than high school      | 3.08                             | 3.29 | 2.55                         | 2.55 | 4.25                         | 4.18 | 3.41                                | 3.43 |
| High school only           | 3.08                             | 3.25 | 2.64                         | 2.64 | 4.17                         | 4.13 | 3.50                                | 3.53 |
| Some postsecondary         | 3.23                             | 3.40 | 2.88                         | 2.88 | 4.21                         | 4.18 | 3.54                                | 3.57 |
| Four-year degree           | 3.46                             | 3.66 | 3.21                         | 3.21 | 4.26                         | 4.25 | 3.70                                | 3.73 |
| Advanced degree            | 3.72                             | 3.85 | 3.45                         | 3.45 | 4.32                         | 4.32 | 3.79                                | 3.81 |
| High School Type           |                                  |      |                              |      |                              |      |                                     |      |
| Public                     | 3.21                             | 3.38 | 2.88                         | 2.88 | 4.23                         | 4.18 | 3.55                                | 3.58 |
| Private                    | 3.84                             | 4.02 | 3.19                         | 3.19 | 4.33                         | 4.31 | 3.86                                | 3.87 |
| Socioeconomic Status       |                                  |      |                              |      |                              |      |                                     |      |
| Lowest quartile            | 3.02                             | 3.20 | 2.56                         | 2.56 | 4.27                         | 4.15 | 3.43                                | 3.45 |
| 26-50%                     | 3.12                             | 3.29 | 2.69                         | 2.69 | 4.19                         | 4.14 | 3.52                                | 3.55 |
| 51-75%                     | 3.31                             | 3.50 | 2.97                         | 2.97 | 4.21                         | 4.18 | 3.55                                | 3.58 |
| Highest quartile           | 3.61                             | 3.77 | 3.31                         | 3.31 | 4.29                         | 4.27 | 3.77                                | 3.80 |
| LEP Status                 |                                  |      |                              |      |                              |      |                                     |      |
| LEP                        | 3.2                              | 3.34 | 2.67                         | 2.67 | 4.3                          | 4.04 | 3.45                                | 3.47 |
| Not LEP                    | 3.3                              | 3.47 | 2.95                         | 2.95 | 4.23                         | 4.21 | 3.59                                | 3.62 |
| IEP/Disability Status      |                                  |      |                              |      |                              |      |                                     |      |
| Has IEP/disability         | 2.78                             | 2.88 | 2.17                         | 2.17 | 4.12                         | 4.07 | 3.19                                | 3.22 |
| No IEP/disability          | 3.29                             | 3.46 | 2.93                         | 2.93 | 4.24                         | 4.19 | 3.58                                | 3.60 |

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 2b Average Number of Academic Credits Earned by 1992 Graduates, by Academic Area and by Selected Background Characteristics**

|                            | Average<br>Fine Arts<br><u>Credit</u> |      | Average<br>Non-English Language<br><u>Credit</u> |      |
|----------------------------|---------------------------------------|------|--|------|
|                            | RT                                    | SST  | RT   | SST  |
| Total                      | 1.59                                  | 1.59 | 1.72   | 1.74 |
| Sex                        |                                       |      |  |      |
| Male                       | 1.39                                  | 1.39 | 1.49   | 1.52 |
| Female                     | 1.79                                  | 1.79 | 1.95   | 1.97 |
| Race/Ethnicity             |                                       |      |  |      |
| Asian                      | 1.39                                  | 1.39 | 2.23   | 2.44 |
| Hispanic                   | 1.43                                  | 1.43 | 1.71   | 1.81 |
| Black, non-Hispanic        | 1.43                                  | 1.43 | 1.29   | 1.31 |
| White, non-Hispanic        | 1.64                                  | 1.64 | 1.77   | 1.77 |
| Native American            | 1.51                                  | 1.51 | 0.87   | 0.97 |
| Parents' Highest Education |                                       |      |  |      |
| Less than high school      | 1.39                                  | 1.39 | 1.30   | 1.33 |
| High school only           | 1.49                                  | 1.49 | 1.34   | 1.35 |
| Some postsecondary         | 1.61                                  | 1.61 | 1.62   | 1.62 |
| Four-year degree           | 1.82                                  | 1.82 | 2.11   | 2.12 |
| Advanced degree            | 1.71                                  | 1.71 | 2.56   | 2.56 |
| High School Type           |                                       |      |  |      |
| Public                     | 1.62                                  | 1.62 | 1.64   | 1.67 |
| Private                    | 1.31                                  | 1.31 | 2.48   | 2.48 |
| Socioeconomic Status       |                                       |      |  |      |
| Lowest quartile            | 1.33                                  | 1.33 | 1.16   | 1.23 |
| 26-50%                     | 1.51                                  | 1.51 | 1.41   | 1.43 |
| 51-75%                     | 1.74                                  | 1.74 | 1.78   | 1.79 |
| Highest quartile           | 1.73                                  | 1.73 | 2.41   | 2.42 |
| LEP Status                 |                                       |      |  |      |
| LEP                        | 1.28                                  | 1.28 | 1.38   | 1.59 |
| Not LEP                    | 1.63                                  | 1.63 | 1.78   | 1.78 |
| IEP/Disability Status      |                                       |      |  |      |
| Has IEP/disability         | 1.45                                  | 1.45 | 0.45   | 0.48 |
| No IEP/disability          | 1.58                                  | 1.58 | 1.76   | 1.79 |

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 3 Average Number of Vocational Credits Earned by 1992 Graduates, by Vocational Category and by Selected Background Characteristics**

|                            | Family and<br>consumer sciences<br><u>education</u> |      | General<br>labor market<br><u>preparation</u> |      | Specific<br>labor market<br><u>preparation</u> |      |
|----------------------------|---|------|---|------|--|------|
|                            | RT  | SST  | RT  | SST  | RT   | SST  |
| Total                      | 0.51  | 0.51 | 0.58  | 0.66 | 2.68   | 2.38 |
| Sex                        |   |      |   |      |  |      |
| Male                       | 0.34  | 0.34 | 0.59  | 0.66 | 2.94   | 2.68 |
| Female                     | 0.68  | 0.68 | 0.58  | 0.66 | 2.41   | 2.08 |
| Race/Ethnicity             |   |      |   |      |  |      |
| Asian                      | 0.35  | 0.35 | 0.50  | 0.54 | 2.42   | 2.11 |
| Hispanic                   | 0.44  | 0.44 | 0.67  | 0.73 | 2.85   | 2.47 |
| Black, non-Hispanic        | 0.68  | 0.68 | 0.62  | 0.72 | 2.66   | 2.41 |
| White, non-Hispanic        | 0.50  | 0.50 | 0.57  | 0.64 | 2.66   | 2.37 |
| Native American            | 0.50  | 0.50 | 0.59  | 0.65 | 3.66   | 3.30 |
| Parents' Highest Education |   |      |   |      |  |      |
| Less than high school      | 0.65  | 0.65 | 0.77  | 0.87 | 3.26   | 2.93 |
| High school only           | 0.69  | 0.69 | 0.70  | 0.80 | 3.25   | 2.94 |
| Some postsecondary         | 0.54  | 0.54 | 0.60  | 0.67 | 2.84   | 2.54 |
| Four-year degree           | 0.39  | 0.39 | 0.45  | 0.48 | 2.06   | 1.75 |
| Advanced degree            | 0.24  | 0.24 | 0.31  | 0.35 | 1.52   | 1.28 |
| High School Type           |   |      |   |      |  |      |
| Public                     | 0.54  | 0.54 | 0.61  | 0.69 | 2.83   | 2.53 |
| Private                    | 0.20  | 0.20 | 0.30  | 0.34 | 1.13   | 0.85 |
| Socioeconomic Status       |   |      |   |      |  |      |
| Lowest quartile            | 0.72  | 0.72 | 0.74  | 0.85 | 3.45   | 3.13 |
| 26-50%                     | 0.63  | 0.63 | 0.71  | 0.81 | 3.12   | 2.81 |
| 51-75%                     | 0.46  | 0.46 | 0.55  | 0.62 | 2.61   | 2.31 |
| Highest quartile           | 0.31  | 0.31 | 0.39  | 0.42 | 1.69   | 1.42 |
| LEP Status                 |   |      |   |      |  |      |
| LEP                        | 0.54  | 0.54 | 0.63  | 0.73 | 3.05   | 2.82 |
| Not LEP                    | 0.51  | 0.51 | 0.56  | 0.63 | 2.62   | 2.32 |
| IEP/Disability Status      |   |      |   |      |  |      |
| Has IEP/disability         | 0.83  | 0.83 | 0.88  | 0.97 | 3.95   | 3.74 |
| No IEP/disability          | 0.50  | 0.50 | 0.57  | 0.64 | 2.64   | 2.34 |

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 4 Average Number of Vocational Credits Earned by 1992 Graduates, by GLMP Vocational Category and by Selected Background Characteristics**

|                            | Average general labor market preparation credit* |      |            |      |                      |      |            |     |
|----------------------------|--|------|------------|------|----------------------|------|------------|-----|
|                            | Basic  |      | Industrial |      | Career prep./        |      | Technology |     |
|                            | keyboarding/<br>typewriting                      |      | arts       |      | general<br>work exp. |      | education  |     |
|                            | RT   | SST  | RT         | SST  | RT                   | SST  | RT         | SST |
| Total                      | 0.34   | 0.34 | 0.09       | 0.10 | 0.15                 | 0.15 | 0.01       | NA  |
| Sex                        |  |      |            |      |                      |      |            |     |
| Male                       | 0.27   | 0.27 | 0.16       | 0.18 | 0.14                 | 0.15 | 0.02       | NA  |
| Female                     | 0.41   | 0.41 | 0.02       | 0.02 | 0.15                 | 0.15 | 0.01       | NA  |
| Race/Ethnicity             |  |      |            |      |                      |      |            |     |
| Asian                      | 0.26   | 0.26 | 0.04       | 0.05 | 0.19                 | 0.19 | 0.01       | NA  |
| Hispanic                   | 0.38   | 0.38 | 0.07       | 0.08 | 0.20                 | 0.20 | 0.01       | NA  |
| Black, non-Hispanic        | 0.34   | 0.34 | 0.08       | 0.10 | 0.19                 | 0.19 | 0.01       | NA  |
| White, non-Hispanic        | 0.34   | 0.34 | 0.09       | 0.11 | 0.13                 | 0.13 | 0.01       | NA  |
| Native American            | 0.33   | 0.33 | 0.08       | 0.10 | 0.16                 | 0.16 | 0.02       | NA  |
| Parents' Highest Education |  |      |            |      |                      |      |            |     |
| Less than high school      | 0.43   | 0.43 | 0.13       | 0.15 | 0.19                 | 0.19 | 0.02       | NA  |
| High school only           | 0.38   | 0.38 | 0.13       | 0.16 | 0.15                 | 0.15 | 0.03       | NA  |
| Some postsecondary         | 0.36   | 0.36 | 0.09       | 0.10 | 0.13                 | 0.14 | 0.01       | NA  |
| Four-year degree           | 0.30   | 0.30 | 0.06       | 0.06 | 0.09                 | 0.09 | 0.01       | NA  |
| Advanced degree            | 0.22   | 0.22 | 0.03       | 0.03 | 0.06                 | 0.06 | 0.00       | NA  |
| High School Type           |  |      |            |      |                      |      |            |     |
| Public                     | 0.34   | 0.34 | 0.10       | 0.11 | 0.16                 | 0.16 | 0.02       | NA  |
| Private                    | 0.25   | 0.25 | 0.01       | 0.01 | 0.04                 | 0.04 | 0.00       | NA  |
| Socioeconomic Status       |  |      |            |      |                      |      |            |     |
| Lowest quartile            | 0.40   | 0.40 | 0.14       | 0.16 | 0.19                 | 0.19 | 0.02       | NA  |
| 26-50%                     | 0.40   | 0.40 | 0.11       | 0.13 | 0.18                 | 0.18 | 0.03       | NA  |
| 51-75%                     | 0.34   | 0.34 | 0.08       | 0.09 | 0.12                 | 0.12 | 0.01       | NA  |
| Highest quartile           | 0.26   | 0.26 | 0.04       | 0.05 | 0.09                 | 0.09 | 0.01       | NA  |
| LEP Status                 |  |      |            |      |                      |      |            |     |
| LEP                        | 0.35   | 0.35 | 0.12       | 0.13 | 0.15                 | 0.16 | 0.00       | NA  |
| Not LEP                    | 0.34   | 0.34 | 0.08       | 0.10 | 0.12                 | 0.12 | 0.01       | NA  |
| IEP/Disability Status      |  |      |            |      |                      |      |            |     |
| Has IEP/disability         | 0.20   | 0.20 | 0.19       | 0.20 | 0.48                 | 0.49 | 0.02       | NA  |
| No IEP/disability          | 0.34   | 0.34 | 0.09       | 0.10 | 0.13                 | 0.13 | 0.01       | NA  |

\*General Labor Market Preparation, Other is not shown.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 5 Average Number of Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Major Taxonomy Categories**

|   | <u>Mean Credits Earned</u> |       | <u>Percentage of Students</u> |        |
|---|----------------------------|-------|-------------------------------|--------|
|   | RT                         | SST   | RT                            | SST    |
| Academic Curriculum                                   | 17.29                      | 17.47 | 100.00                        | 100.00 |
| Mathematics   | 3.27                       | 3.44  | 99.91                         | 99.93  |
| Science   | 2.90                       | 2.90  | 99.80                         | 99.80  |
| English   | 4.24                       | 4.19  | 100.00                        | 99.98  |
| Social Studies  | 3.57                       | 3.60  | 99.99                         | 99.99  |
| Fine Arts   | 1.59                       | 1.59  | 75.46                         | 75.46  |
| Non-English ( <i>Foreign</i> ) Language               | 1.72                       | 1.74  | 75.33                         | 75.65  |
| Vocational Curriculum                                 | 3.77                       | 3.55  | 96.73                         | 94.96  |
| Family and Consumer Sciences                          | 0.51                       | 0.51  | 43.25                         | 43.26  |
| General Labor Market Preparation                      | 0.58                       | 0.66  | 58.33                         | 60.50  |
| Specific Labor Market Preparation                     | 2.68                       | 2.38  | 91.34                         | 84.99  |
| Enrichment/Other ( <i>Personal/Other</i> ) Curriculum | 2.80                       | 2.84  | 98.77                         | 98.79  |
| General Skills  | 0.28                       | 0.31  | 27.82                         | 29.81  |
| Health, Physical, & Recreational Educ.                | 2.22                       | 2.23  | 97.87                         | 97.87  |
| Religion and Theology                                 | 0.25                       | 0.25  | 9.16                          | 9.16   |
| Military Science                                      | 0.05                       | 0.05  | 2.29                          | 2.29   |
| Special Education Curriculum                          | 0.00                       | 0.00  | 0.00                          | 0.00   |

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 6 Average Number of Academic Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories**

|   | <u>Mean Credits Earned</u> |       | <u>Percentage of Students</u> |        |
|---|----------------------------|-------|-------------------------------|--------|
|   | RT                         | SST   | RT                            | SST    |
| All Academic Coursework   | 17.29                      | 17.47 | 100.00                        | 100.00 |
| Mathematics   | 3.27                       | 3.44  | 99.91                         | 99.93  |
| General Mathematics   | 0.33                       | 0.22  | 23.47                         | 16.94  |
| Mathematics, Basic  | NA                         | 0.09  | NA                            | 7.98   |
| Mathematics, Applied  | NA                         | 0.34  | NA                            | 41.64  |
| Consumer Mathematics  | 0.09                       | NA    | 10.32                         | NA     |
| Pre-Algebra   | 0.25                       | 0.28  | 24.50                         | 25.10  |
| Algebra I   | 0.70                       | 0.72  | 69.33                         | 70.39  |
| Geometry  | 0.68                       | 0.70  | 66.85                         | 69.87  |
| Algebra 2 through Pre-Calculus<br><i>(previously, Adv. Mathematics—Alg)</i> | 0.88                       | 0.66  | 60.75                         | 59.08  |
| Advanced Mathematics  | 0.14                       | NA    | 15.00                         | NA     |
| Unified Mathematics   | 0.13                       | NA    | 7.22                          | NA     |
| Occupationally Related Mathematics  | 0.07                       | NA    | 7.59                          | NA     |
| Science   | 2.90                       | 2.90  | 99.80                         | 99.80  |
| Survey <i>(and Other)</i> Science   | 0.18                       | 0.82  | 17.92                         | 74.70  |
| Biological Science  | 1.19                       | 1.19  | 94.43                         | 94.43  |
| Chemistry   | 0.60                       | 0.61  | 56.32                         | 56.52  |
| Physics   | 0.28                       | 0.29  | 27.24                         | 27.50  |
| Earth Science   | 0.20                       | NA    | 21.51                         | NA     |
| Physical Science  | 0.44                       | NA    | 44.47                         | NA     |
| Engineering   | 0.00                       | NA    | 0.47                          | NA     |
| English   | 4.24                       | 4.19  | 100.00                        | 99.98  |
| English Survey  | 3.49                       | 3.49  | 99.65                         | 99.65  |
| Literature  | 0.33                       | 0.33  | 29.80                         | 29.80  |
| Composition and Writing   | 0.26                       | 0.24  | 27.80                         | 26.17  |
| Speech  | 0.13                       | 0.13  | 19.31                         | 19.29  |
| English as a Second Language  | 0.03                       | NA    | 1.12                          | NA     |

**Table 6 Average Number of Academic Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued**

|   | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|---|----------------------------|------|-------------------------------|-------|
|   | RT                         | SST  | RT                            | SST   |
| Social Studies                                | 3.57                       | 3.60 | 99.99                         | 99.99 |
| American History                              | 1.05                       | 1.07 | 93.12                         | 93.44 |
| World History                                 | 0.67                       | 0.67 | 66.52                         | 66.52 |
| (American) Government and Politics            | 0.64                       | 0.63 | 80.32                         | 80.09 |
| Economics                                     | 0.26                       | NA   | 49.10                         | NA    |
| Behavioral Sciences                           | 0.26                       | NA   | 33.80                         | NA    |
| Geography                                     | 0.21                       | NA   | 25.89                         | NA    |
| Social Sciences, Humanities, and Other        | 0.48                       | 1.23 | 39.57                         | 86.80 |
| Fine Arts                                     | 1.59                       | 1.59 | 75.46                         | 75.46 |
| Visual Arts ( <i>Fine Arts &amp; Crafts</i> ) | 0.66                       | 0.66 | 48.78                         | 48.78 |
| Music   | 0.77                       | 0.77 | 35.23                         | 35.23 |
| Drama/Dance                                   | NA                         | 0.16 | NA                            | 14.35 |
| Dance   | 0.06                       | NA   | 4.77                          | NA    |
| Theater Arts                                  | 0.11                       | NA   | 10.55                         | NA    |
| Non-English ( <i>Foreign</i> ) Language       | 1.72                       | 1.74 | 75.33                         | 75.65 |
| Non-English Language—Spanish                  | 1.01                       | 1.00 | 49.23                         | 48.44 |
| Non-English Language—French                   | 0.47                       | 0.47 | 21.15                         | 21.15 |
| Non-English Language—German                   | 0.11                       | 0.11 | 5.26                          | 5.26  |
| Non-English Language—Latin                    | 0.08                       | 0.08 | 4.27                          | 4.27  |
| Non-English Language—Italian                  | 0.01                       | NA   | 0.61                          | NA    |
| Non-English Language—Other                    | 0.03                       | 0.02 | 2.00                          | 1.00  |
| Non-English Language, General/Survey          | 0.00                       | NA   | 0.15                          | NA    |
| English as a Second Language                  | NA                         | 0.07 | NA                            | 4.01  |

NA—Not applicable.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 7 Average Number of Mathematics Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories**

|                                      | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|--------------------------------------|----------------------------|------|-------------------------------|-------|
|                                      | RT                         | SST  | RT                            | SST   |
| All Mathematics Coursework           | 3.27                       | 3.44 | 99.91                         | 99.93 |
| General Mathematics                  | 0.33                       | 0.22 | 23.47                         | 16.94 |
| General Mathematics, ESE/Functional  | 0.02                       | NA   | 0.96                          | NA    |
| General Mathematics, Basic           | 0.09                       | NA   | 7.98                          | NA    |
| General Mathematics, Regular         | 0.20                       | NA   | 16.25                         | NA    |
| General Mathematics, Other           | 0.02                       | NA   | 1.34                          | NA    |
| Consumer Mathematics                 | 0.09                       | NA   | 10.32                         | NA    |
| Consumer Mathematics, ESE/Functional | 0.00                       | NA   | 0.13                          | NA    |
| Consumer Mathematics, Regular        | 0.09                       | NA   | 10.21                         | NA    |
| Pre-Algebra                          | 0.25                       | 0.28 | 24.50                         | 25.10 |
| Algebra I                            | 0.70                       | 0.72 | 69.33                         | 70.39 |
| Geometry                             | 0.68                       | 0.70 | 66.85                         | 69.87 |
| Algebra 2 through Pre-Calculus       | 0.88                       | 0.66 | 60.75                         | 59.08 |
| Advanced Mathematics                 | 0.14                       | NA   | 15.00                         | NA    |
| Advanced Mathematics, Calculus       | 0.10                       | NA   | 10.43                         | NA    |
| Advanced Mathematics, AP/IB*         | 0.00                       | NA   | 0.00                          | NA    |
| Advanced Mathematics, Other          | 0.04                       | NA   | 5.52                          | NA    |
| Unified Mathematics                  | 0.13                       | NA   | 7.22                          | NA    |
| Occupationally-Related Mathematics   | 0.07                       | NA   | 7.59                          | NA    |
| Occ-Rel. Mathematics, ESE/Functional | 0.00                       | NA   | 0.09                          | NA    |
| Occ-Rel. Mathematics, Regular        | 0.07                       | NA   | 7.53                          | NA    |

NA—Not applicable.

\*The AP/IB category is empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 8 Average Number of Science Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories**

|   | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|---|----------------------------|------|-------------------------------|-------|
|   | RT                         | SST  | RT                            | SST   |
| All Science Coursework                    | 2.90                       | 2.90 | 99.80                         | 99.80 |
| Survey Science                            | 0.18                       | 0.82 | 17.92                         | 74.70 |
| Survey Science, Basic                     | 0.16                       | 0.78 | 16.14                         | 72.41 |
| Survey Science, Specialized Topics        | 0.01                       | 0.04 | 1.43                          | 4.19  |
| Survey Science, Integrated/Unified Topics | 0.01                       | NA   | 0.59                          | NA    |
| Biological Science                        | 1.19                       | 1.19 | 94.43                         | 94.43 |
| Biological Science, Basic                 | 0.10                       | 0.10 | 10.26                         | 10.26 |
| Biological Science, Regular               | 0.76                       | 0.82 | 75.90                         | 76.84 |
| Biological Science, Adv/Honors            | 0.21                       | 0.14 | 19.55                         | 13.49 |
| Biological Science, Specialized Topics    | 0.13                       | 0.13 | 14.64                         | 14.62 |
| Biological Science, AP/IB*                | 0.00                       | NA   | 0.00                          | NA    |
| Chemistry                                 | 0.60                       | 0.61 | 56.32                         | 56.52 |
| Chemistry, Basic                          | 0.10                       | 0.10 | 9.85                          | 10.27 |
| Chemistry, Regular                        | 0.46                       | 0.46 | 45.94                         | 45.94 |
| Chemistry, Adv/Honors                     | 0.04                       | 0.04 | 4.51                          | 4.51  |
| Chemistry, Specialized Topics             | 0.00                       | 0.00 | 0.48                          | 0.48  |
| Chemistry, AP/IB*                         | 0.00                       | NA   | 0.00                          | NA    |
| Physics                                   | 0.28                       | 0.29 | 27.24                         | 27.50 |
| Physics, Basic                            | 0.04                       | 0.04 | 4.29                          | 4.29  |
| Physics, Regular                          | 0.19                       | 0.19 | 19.49                         | 19.51 |
| Physics, Adv/Honors                       | 0.03                       | 0.03 | 3.21                          | 3.24  |
| Physics, Specialized Topics               | 0.02                       | 0.02 | 2.37                          | 2.62  |
| Physics, AP/IB*                           | 0.00                       | NA   | 0.00                          | NA    |
| Earth Science                             | 0.20                       | NA   | 21.51                         | NA    |
| Earth Science, Basic                      | 0.00                       | NA   | 0.00                          | NA    |
| Earth Science, Regular                    | 0.19                       | NA   | 20.12                         | NA    |
| Earth Science, Adv/Honors                 | 0.01                       | NA   | 1.49                          | NA    |
| Earth Science, Specialized Topics         | 0.00                       | NA   | 0.02                          | NA    |

**Table 8 Average Number of Science Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued**

|                                      | <u>Mean Credits Earned</u> |     | <u>Percentage of Students</u> |     |
|--------------------------------------|----------------------------|-----|-------------------------------|-----|
|                                      | RT                         | SST | RT                            | SST |
| Physical Science                     | 0.44                       | NA  | 44.47                         | NA  |
| Physical Science, Basic              | 0.02                       | NA  | 2.74                          | NA  |
| Physical Science, Regular            | 0.41                       | NA  | 42.20                         | NA  |
| Physical Science, Adv/Honors         | 0.00                       | NA  | 0.00                          | NA  |
| Physical Science, Specialized Topics | 0.00                       | NA  | 0.00                          | NA  |
| Engineering                          | 0.00                       | NA  | 0.47                          | NA  |

NA—Not applicable.

\*The AP/IB categories are empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 9 Average Number of English Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories**

|                                      | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|--------------------------------------|----------------------------|------|-------------------------------|-------|
|                                      | RT                         | SST  | RT                            | SST   |
| All English Coursework               | 4.24                       | 4.19 | 100.00                        | 99.98 |
| English Survey                       | 3.49                       | 3.49 | 99.65                         | 99.65 |
| English Survey, Remedial English     | NA                         | 0.15 | NA                            | 11.23 |
| English Survey, Language Skills      | 0.09                       | NA   | 9.77                          | NA    |
| English Survey, 7&8                  | 0.00                       | 0.00 | 0.04                          | 0.02  |
| English Survey, Grade 9              | NA                         | 0.94 | NA                            | 92.98 |
| English Survey, Grade 10             | NA                         | 0.91 | NA                            | 90.62 |
| English Survey, Grade 11             | NA                         | 0.77 | NA                            | 77.31 |
| English Survey, Grade 12             | NA                         | 0.55 | NA                            | 55.70 |
| English Survey, ESE/Functional       | 0.08                       | NA   | 4.28                          | NA    |
| Engl. Survey, ESE/Funct, Grade 9     | 0.02                       | NA   | 2.49                          | NA    |
| Engl. Survey, ESE/Funct, Grade 10    | 0.02                       | NA   | 2.00                          | NA    |
| Engl. Survey, ESE/Funct, Grade 11    | 0.02                       | NA   | 1.74                          | NA    |
| Engl. Survey, ESE/Funct, Grade 12    | 0.02                       | NA   | 1.68                          | NA    |
| English Survey, Basic                | 0.18                       | NA   | 10.54                         | NA    |
| Engl. Survey, Basic, Grade 9         | 0.06                       | NA   | 6.26                          | NA    |
| Engl. Survey, Basic, Grade 10        | 0.05                       | NA   | 5.12                          | NA    |
| Engl. Survey, Basic, Grade 11        | 0.04                       | NA   | 4.20                          | NA    |
| Engl. Survey, Basic, Grade 12        | 0.03                       | NA   | 3.49                          | NA    |
| English Survey, Regular              | 2.61                       | NA   | 88.79                         | NA    |
| Engl. Survey, Regular, Grade 9       | 0.76                       | NA   | 76.09                         | NA    |
| Engl. Survey, Regular, Grade 10      | 0.72                       | NA   | 73.47                         | NA    |
| Engl. Survey, Regular, Grade 11      | 0.61                       | NA   | 62.10                         | NA    |
| Engl. Survey, Regular, Grade 12      | 0.52                       | NA   | 53.97                         | NA    |
| English Survey, Advanced/Honors      | 0.54                       | NA   | 24.32                         | NA    |
| Engl. Survey, Adv/Hon, Grade 9       | 0.12                       | NA   | 12.27                         | NA    |
| Engl. Survey, Adv/Hon, Grade 10      | 0.14                       | NA   | 14.36                         | NA    |
| Engl. Survey, Adv/Hon, Grade 11      | 0.12                       | NA   | 12.64                         | NA    |
| Engl. Survey, Adv/Hon, Grade 12      | 0.15                       | NA   | 14.98                         | NA    |
| English Survey, AP/IB*               | 0.00                       | 0.15 | 0.00                          | 14.98 |
| Language/Writing Skills              | NA                         | 0.03 | NA                            | 3.68  |
| alternate version of English Survey: |                            |      |                               |       |
| English Survey                       |                            |      |                               |       |
| Below Grade Level                    | NA                         | 0.18 | NA                            | 10.54 |
| At Grade Level                       | NA                         | 2.59 | NA                            | 88.45 |
| Above Grade Level                    | NA                         | 0.54 | NA                            | 24.32 |

**Table 9 Average Number of English Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued**

|                              | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|------------------------------|----------------------------|------|-------------------------------|-------|
|                              | RT                         | SST  | RT                            | SST   |
| Literature                   | 0.33                       | 0.33 | 29.80                         | 29.80 |
| Composition and Writing      | 0.26                       | 0.24 | 27.80                         | 26.17 |
| Speech                       | 0.13                       | 0.13 | 19.31                         | 19.29 |
| English as a Second Language | 0.03                       | NA   | 1.12                          | NA    |

NA—Not applicable.

\*The AP/IB category is empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 10 Average Number of Social Studies Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories**

|   | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|---|----------------------------|------|-------------------------------|-------|
|   | RT                         | SST  | RT                            | SST   |
| All Social Studies Coursework           | 3.57                       | 3.60 | 99.99                         | 99.99 |
| American History                        | 1.05                       | 1.07 | 93.12                         | 93.44 |
| American History, Basic                 | 0.03                       | 0.04 | 3.16                          | 4.35  |
| American History, Regular               | 0.86                       | 0.87 | 79.37                         | 79.60 |
| American History, Adv/Honors            | 0.11                       | 0.11 | 10.58                         | 10.58 |
| American History, Specialized Topics    | 0.05                       | 0.05 | 7.35                          | 7.35  |
| American History, AP/IB*                | 0.00                       | NA   | 0.00                          | NA    |
| World History                           | 0.67                       | 0.67 | 66.52                         | 66.52 |
| World History, Basic                    | 0.00                       | NA   | 0.00                          | NA    |
| World History, Regular                  | 0.60                       | 0.60 | 61.41                         | 61.41 |
| World History, Adv/Honors               | 0.04                       | 0.04 | 3.94                          | 3.94  |
| World History, Specialized Topics       | 0.04                       | 0.04 | 5.47                          | 5.47  |
| World History, AP/IB*                   | 0.00                       | NA   | 0.00                          | NA    |
| Government and Politics                 | 0.64                       | 0.63 | 80.32                         | 80.09 |
| Government and Politics, Basic          | 0.19                       | 0.18 | 25.76                         | 24.99 |
| Government and Politics, Regular        | 0.38                       | 0.38 | 57.43                         | 57.43 |
| Government and Politics, Adv/Honors     | 0.02                       | 0.02 | 2.39                          | 2.39  |
| Government and Politics, Spec. Topics   | 0.05                       | 0.05 | 6.38                          | 6.38  |
| Government and Politics, AP/IB*         | 0.00                       | NA   | 0.00                          | NA    |
| Economics                               | 0.26                       | NA   | 49.10                         | NA    |
| Economics, Basic                        | 0.02                       | NA   | 3.66                          | NA    |
| Economics, Regular                      | 0.23                       | NA   | 44.80                         | NA    |
| Economics, Adv/Honors                   | 0.01                       | NA   | 1.22                          | NA    |
| Economics, Specialized Topics           | 0.00                       | NA   | 0.13                          | NA    |
| Economics, AP/IB*                       | 0.00                       | NA   | 0.00                          | NA    |
| Behavioral Sciences                     | 0.26                       | NA   | 33.80                         | NA    |
| Behavioral Sciences, Basic              | 0.00                       | NA   | 0.00                          | NA    |
| Behavioral Sciences, Regular            | 0.25                       | NA   | 32.73                         | NA    |
| Behavioral Sciences, Adv/Honors         | 0.01                       | NA   | 1.24                          | NA    |
| Behavioral Sciences, Specialized Topics | 0.01                       | NA   | 0.88                          | NA    |
| Behavioral Sciences, AP/IB*             | 0.00                       | NA   | 0.00                          | NA    |

**Table 10 Average Number of Social Studies Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued**

|  | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|--|----------------------------|------|-------------------------------|-------|
|  | RT                         | SST  | RT                            | SST   |
| Geography                              | 0.21                       | NA   | 25.89                         | NA    |
| Geography, Basic                       | 0.00                       | NA   | 0.15                          | NA    |
| Geography, Regular                     | 0.20                       | NA   | 25.55                         | NA    |
| Geography, Adv/Honors                  | 0.00                       | NA   | 0.01                          | NA    |
| Geography, Specialized Topics          | 0.00                       | NA   | 0.18                          | NA    |
| Geography, AP/IB*                      | 0.00                       | NA   | 0.00                          | NA    |
| Social Sciences, Humanities, and Other | 0.48                       | 1.23 | 39.57                         | 86.80 |
| Soc Sci, Hum, & Other, Basic           | 0.01                       | 0.03 | 0.45                          | 4.26  |
| Soc Sci, Hum, & Other, Regular         | 0.20                       | 0.38 | 17.66                         | 39.19 |
| Soc Sci, Hum, & Other, Adv/Honors      | 0.01                       | 0.02 | 1.19                          | 2.95  |
| Soc Sci, Hum, & Other, Spec. Top.      | 0.27                       | 0.80 | 27.18                         | 75.86 |
| Soc Sci, Hum, & Other, AP/IB*          | 0.00                       | NA   | 0.00                          | NA    |

NA—Not applicable.

\*The AP/IB categories are empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 11 Average Number of Fine Arts Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories**

|   | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|---|----------------------------|------|-------------------------------|-------|
|   | RT                         | SST  | RT                            | SST   |
| All Fine Arts Coursework                      | 1.59                       | 1.59 | 75.46                         | 75.46 |
| Visual Arts ( <i>Fine Arts &amp; Crafts</i> ) | 0.66                       | 0.66 | 48.78                         | 48.78 |
| Visual Arts, Basic                            | 0.00                       | 0.39 | 0.09                          | 34.34 |
| Visual Arts, Regular/Advanced                 | 0.66                       | 0.27 | 48.76                         | 24.62 |
| Visual Arts, AP/IB*                           | 0.00                       | NA   | 0.00                          | NA    |
| Music   | 0.77                       | 0.77 | 35.23                         | 35.23 |
| Music, Basic                                  | 0.02                       | 0.02 | 2.35                          | 2.35  |
| Music, Regular/Advanced                       | 0.75                       | 0.75 | 33.60                         | 33.60 |
| Music, AP/IB*                                 | 0.00                       | NA   | 0.00                          | NA    |
| Drama/Dance                                   | NA                         | 0.16 | NA                            | 14.35 |
| Dance   | 0.06                       | NA   | 4.77                          | NA    |
| Drama   | 0.11                       | NA   | 10.55                         | NA    |

NA—Not applicable.

\*The AP/IB categories are empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 12 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Major Categories**

|  | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|--|----------------------------|------|-------------------------------|-------|
|  | RT                         | SST  | RT                            | SST   |
| All Vocational Coursework                  | 3.77                       | 3.55 | 96.73                         | 94.96 |
| Family and Consumer Sciences               | 0.51                       | 0.51 | 43.25                         | 43.26 |
| Family and Consumer Sci, 1st Crse          | 0.29                       | 0.29 | 31.75                         | 31.77 |
| Family and Consumer Sci, >=2 Crse          | 0.08                       | 0.08 | 9.32                          | 9.32  |
| Family and Consumer Sci, Spec. Crse        | 0.15                       | 0.15 | 20.02                         | 20.02 |
| General Labor Market Preparation           | 0.58                       | 0.66 | 58.33                         | 60.50 |
| Basic Keyboarding/Typewriting              | 0.34                       | 0.34 | 43.53                         | 43.53 |
| Industrial Arts                            | 0.09                       | 0.10 | 7.72                          | 8.97  |
| Career Exploration/General Work Experience | 0.15                       | 0.15 | 15.68                         | 15.72 |
| Technology Education                       | 0.01                       | NA   | 1.49                          | NA    |
| General Labor Market Preparation, Other    | 0.00                       | 0.07 | 0.04                          | 7.70  |
| Specific Labor Market Preparation          | 2.68                       | 2.38 | 91.34                         | 84.99 |
| Agriculture and Renewable Resources        | 0.18                       | 0.18 | 8.96                          | 8.96  |
| Business                                   | 0.80                       | 0.81 | 52.90                         | 54.22 |
| Marketing and Distribution                 | 0.12                       | 0.12 | 7.76                          | 7.83  |
| Health Care                                | 0.06                       | 0.06 | 3.99                          | 3.99  |
| Occupational Home Economics                | NA                         | 0.16 | NA                            | 10.36 |
| Public and Protective Services             | 0.01                       | NA   | 1.30                          | NA    |
| Trade and Industry                         | 0.73                       | 0.73 | 32.70                         | 32.69 |
| T&I, Construction                          | 0.10                       | 0.10 | 4.91                          | 4.91  |
| T&I, Mechanics and Repair                  | 0.15                       | 0.15 | 8.74                          | 8.72  |
| T&I, Precision Production                  | 0.48                       | 0.48 | 27.52                         | 27.52 |
| T&I, Transportation and Material           | 0.01                       | 0.01 | 0.96                          | 0.96  |
| Technology and Communications              | 0.50                       | 0.22 | 52.12                         | 23.31 |
| T&C, Computer Technology                   | 0.37                       | NA   | 45.81                         | NA    |
| T&C, Communication Technology              | 0.10                       | NA   | 9.87                          | NA    |
| T&C, Other Technologies                    | 0.03                       | NA   | 2.26                          | NA    |
| Personal Services                          | 0.10                       | NA   | 6.19                          | NA    |
| Food Service and Hospitality               | 0.03                       | NA   | 2.08                          | NA    |
| Child Care and Education                   | 0.06                       | NA   | 5.71                          | NA    |
| Unidentified Subject                       | 0.10                       | 0.10 | 4.64                          | 4.68  |

NA—Not applicable.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories**

|  | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|--|----------------------------|------|-------------------------------|-------|
|  | RT                         | SST  | RT                            | SST   |
| All Specific Labor Market Preparation  | 2.68                       | 2.38 | 91.34                         | 84.99 |
| Agriculture and Renewable Resources    | 0.18                       | 0.18 | 8.96                          | 8.96  |
| Agr. & Renew. Resources, 1st Crse      | 0.10                       | 0.10 | 7.29                          | 7.29  |
| Agr. & Renew. Resources, >=2 Crse      | 0.03                       | 0.04 | 2.10                          | 2.50  |
| Agr. & Renew. Resources, Spec Crse     | 0.04                       | 0.04 | 3.39                          | 3.39  |
| Agr. & Renew. Rsrcs, Coop/Work Exp     | 0.01                       | NA   | 0.56                          | NA    |
| Business                               | 0.80                       | 0.81 | 52.90                         | 54.22 |
| Business Management                    | 0.17                       | 0.17 | 18.24                         | 17.81 |
| Business Mgmt, 1st Crse                | 0.08                       | 0.13 | 9.60                          | 15.67 |
| Business Mgmt, >=2 Crse                | 0.00                       | 0.01 | 0.00                          | 0.55  |
| Business Mgmt, Spec Crse               | 0.07                       | 0.02 | 10.26                         | 3.02  |
| Business Mgmt, Coop/Work Exp           | 0.01                       | NA   | 0.55                          | NA    |
| Business Services                      | 0.63                       | 0.65 | 46.08                         | 47.70 |
| Business Services, 1st Crse            | 0.39                       | 0.39 | 33.45                         | 33.36 |
| Business Services, >=2 Crse            | 0.09                       | 0.12 | 9.66                          | 10.73 |
| Business Services, Spec Crse           | 0.13                       | 0.14 | 17.08                         | 19.27 |
| Business Services, Coop/Work Exp       | 0.02                       | NA   | 1.28                          | NA    |
| Marketing and Distribution             | 0.12                       | 0.12 | 7.76                          | 7.83  |
| Marketing and Dist., 1st Crse          | 0.05                       | 0.05 | 4.45                          | 4.56  |
| Marketing and Dist., >=2 Crse          | 0.01                       | 0.05 | 0.91                          | 2.46  |
| Marketing and Dist., Spec Crse         | 0.03                       | 0.03 | 2.95                          | 2.95  |
| Marketing and Dist., Coop/Work Exp     | 0.03                       | NA   | 1.88                          | NA    |
| Health Care                            | 0.06                       | 0.06 | 3.99                          | 3.99  |
| Health Care, 1st Crse                  | 0.03                       | 0.02 | 1.78                          | 1.36  |
| Health Care, >=2 Crse                  | 0.00                       | 0.01 | 0.02                          | 0.60  |
| Health Care, Spec Crse                 | 0.01                       | 0.02 | 2.00                          | 2.45  |
| Health Care, Coop/Work Exp             | 0.01                       | NA   | 0.59                          | NA    |
| Public and Protective Services         | 0.01                       | NA   | 1.30                          | NA    |
| Public/Protective Srvcs, 1st Crse      | 0.01                       | NA   | 1.03                          | NA    |
| Public/Protective Srvcs, >=2 Crse      | 0.00                       | NA   | 0.00                          | NA    |
| Public/Protective Srvcs, Spec Crse     | 0.00                       | NA   | 0.29                          | NA    |
| Public/Protective Srvcs, Coop/Work Exp | 0.00                       | NA   | 0.00                          | NA    |

**Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories—continued**

|                                   | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|-----------------------------------|----------------------------|------|-------------------------------|-------|
|                                   | RT                         | SST  | RT                            | SST   |
| Trade and Industry                | 0.73                       | 0.73 | 32.70                         | 32.69 |
| T&I, Construction Trades          | 0.10                       | 0.10 | 4.91                          | 4.91  |
| Construction Trades, 1st Crse     | 0.06                       | 0.06 | 4.59                          | 4.59  |
| Construction Trades, >=2 Crse     | 0.03                       | 0.03 | 1.26                          | 1.31  |
| Construction Trades, Spec. Crse   | 0.00                       | 0.00 | 0.08                          | 0.08  |
| Construct'n Trades, Coop/Work Exp | 0.01                       | NA   | 0.15                          | NA    |
| T&I, Mechanics and Repair         | 0.15                       | 0.15 | 8.74                          | 8.72  |
| Mechanics & Repair, 1st Crse      | 0.10                       | 0.10 | 8.14                          | 8.14  |
| Mechanics & Repair, >=2 Crse      | 0.05                       | 0.05 | 2.42                          | 2.45  |
| Mechanics & Repair, Spec. Crse    | 0.01                       | 0.01 | 0.35                          | 0.34  |
| Mech. & Repair, Coop/Work Exp     | 0.00                       | NA   | 0.08                          | NA    |
| T&I, Precision Production         | 0.48                       | 0.48 | 27.52                         | 27.52 |
| PP (Drafting/Graphing/Printing)   | 0.24                       | NA   | 17.99                         | NA    |
| PP (Dr/Gr/Pr), 1st Crse           | 0.18                       | NA   | 16.06                         | NA    |
| PP (Dr/Gr/Pr), >=2 Crse           | 0.05                       | NA   | 4.08                          | NA    |
| PP (Dr/Gr/Pr), Spec. Crse         | 0.01                       | NA   | 1.62                          | NA    |
| PP (Metals/Wood/Plastics)         | 0.18                       | NA   | 11.61                         | NA    |
| PP (Met/Wd/Pls), 1st Crse         | 0.12                       | NA   | 10.59                         | NA    |
| PP (Met/Wd/Pls), >=2 Crse         | 0.06                       | NA   | 4.11                          | NA    |
| PP (Met/Wd/Pls), Spec. Crse       | 0.00                       | NA   | 0.10                          | NA    |
| PP (Other)                        | 0.03                       | NA   | 2.89                          | NA    |
| PP (Other), 1st Crse              | 0.02                       | NA   | 2.38                          | NA    |
| PP (Other), >=2 Crse              | 0.01                       | NA   | 0.76                          | NA    |
| PP (Other), Spec. Crse            | 0.00                       | NA   | 0.20                          | NA    |
| Prec. Prod'n, Coop/Work Exp       | 0.02                       | NA   | 1.09                          | NA    |
| <i>(previously:)</i>              |                            |      |                               |       |
| Prec. Prod'n, 1st Crse            | NA                         | 0.31 | NA                            | 24.29 |
| Prec. Prod'n, >=2 Crse            | NA                         | 0.14 | NA                            | 9.16  |
| Prec. Prod'n, Spec. Crse          | NA                         | 0.03 | NA                            | 3.17  |
| T&I, Transportation and Material  | 0.01                       | 0.01 | 0.96                          | 0.96  |
| Transp. & Material, 1st Crse      | 0.01                       | 0.01 | 0.88                          | 0.88  |
| Transp. & Material, >=2 Crse      | 0.00                       | 0.00 | 0.06                          | 0.06  |
| Transp. & Material, Spec. Crse    | 0.00                       | 0.00 | 0.07                          | 0.07  |
| Transp. & Material, Coop/Work Exp | 0.00                       | NA   | 0.00                          | NA    |

**Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories—continued**

|   | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|---|----------------------------|------|-------------------------------|-------|
|   | RT                         | SST  | RT                            | SST   |
| Technology and Communications           | 0.50                       | 0.22 | 52.12                         | 23.31 |
| T&C, Computer Technology                | 0.37                       | NA   | 45.81                         | NA    |
| Computer Technology, 1st Crse           | 0.35                       | NA   | 44.96                         | NA    |
| Computer Technology, >=2 Crse           | 0.03                       | NA   | 3.35                          | NA    |
| Comp. Tech., >=2 Crse, non-AP           | 0.03                       | NA   | 3.35                          | NA    |
| Comp. Tech., >=2 Crse, AP*              | 0.00                       | NA   | 0.00                          | NA    |
| Computer Technology, Spec. Crse         | 0.00                       | NA   | 0.22                          | NA    |
| Computer Tech, Coop/Work Exp            | 0.00                       | NA   | 0.00                          | NA    |
| T&C, Communications Technology          | 0.10                       | NA   | 9.87                          | NA    |
| Communications, 1st Crse                | 0.07                       | NA   | 7.18                          | NA    |
| Communications, >=2 Crse                | 0.01                       | NA   | 1.05                          | NA    |
| Communications, Spec. Crse              | 0.02                       | NA   | 2.71                          | NA    |
| Communications, Coop/Work Exp           | 0.00                       | NA   | 0.00                          | NA    |
| T&C, Other Technologies                 | 0.03                       | NA   | 2.26                          | NA    |
| Other Technologies, 1st Crse            | 0.01                       | NA   | 1.22                          | NA    |
| Other Technologies, >=2 Crse            | 0.00                       | NA   | 0.26                          | NA    |
| Other Technologies, Spec. Crse          | 0.01                       | NA   | 1.19                          | NA    |
| Other Tech's, Coop/Work Exp             | 0.00                       | NA   | 0.00                          | NA    |
| Occupational Home Economics             | NA                         | 0.16 | NA                            | 10.36 |
| Occup Home Econ, 1st Crse               | NA                         | 0.10 | NA                            | 6.81  |
| Occup Home Econ, >=2 Crse               | NA                         | 0.03 | NA                            | 1.71  |
| Occup Home Econ, Spec. Crse             | NA                         | 0.03 | NA                            | 3.37  |
| Occup Home Econ, Coop/Work Exp          | NA                         | NA   | NA                            | NA    |
| Personal Services                       | 0.10                       | NA   | 6.19                          | NA    |
| Personal Services, 1st Crse             | 0.06                       | NA   | 4.54                          | NA    |
| Personal Services, >=2 Crse             | 0.01                       | NA   | 0.55                          | NA    |
| Personal Services, Spec Crse            | 0.01                       | NA   | 1.24                          | NA    |
| Personal Services, Coop/Work Exp        | 0.01                       | NA   | 0.58                          | NA    |
| Food Service and Hospitality            | 0.03                       | NA   | 2.08                          | NA    |
| Food Service and Hospitality, 1st Crse  | 0.02                       | NA   | 1.23                          | NA    |
| Food Service and Hospitality, >=2 Crse  | 0.00                       | NA   | 0.18                          | NA    |
| Food Service and Hospitality, Spec Crse | 0.01                       | NA   | 0.75                          | NA    |
| Food Svc & Hosp., Coop/Work Exp         | 0.00                       | NA   | 0.24                          | NA    |

**Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories—continued**

|                                       | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |      |
|---------------------------------------|----------------------------|------|-------------------------------|------|
|                                       | RT                         | SST  | RT                            | SST  |
| Child Care and Education              | 0.06                       | NA   | 5.71                          | NA   |
| Child Care and Education, 1st Crse    | 0.02                       | NA   | 1.58                          | NA   |
| Child Care and Education, >=2 Crse    | 0.00                       | NA   | 0.01                          | NA   |
| Child Care and Education, Spec Crse   | 0.03                       | NA   | 4.02                          | NA   |
| Child Care & Education, Coop/Work Exp | 0.00                       | NA   | 0.33                          | NA   |
| Unidentified SLMP                     | 0.10                       | 0.10 | 4.64                          | 4.68 |

NA—Not applicable.

\*The AP/IB category is empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

**Table 14 Average Number of Enrichment/Other Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories**

|   | <u>Mean Credits Earned</u> |      | <u>Percentage of Students</u> |       |
|---|----------------------------|------|-------------------------------|-------|
|   | RT                         | SST  | RT                            | SST   |
| Enrichment/Other ( <i>Personal/Other</i> ) Curriculum | 2.80                       | 2.84 | 98.77                         | 98.79 |
| General Skills  | 0.28                       | 0.31 | 27.82                         | 29.81 |
| Enrichment  | 0.07                       | NA   | 10.24                         | NA    |
| Assistance  | 0.03                       | NA   | 2.49                          | NA    |
| Service   | 0.17                       | NA   | 18.31                         | NA    |
| Health, Physical, and Recreational Educ.              | 2.22                       | 2.23 | 97.87                         | 97.87 |
| Religion and Theology                                 | 0.25                       | 0.25 | 9.16                          | 9.16  |
| Military Science                                      | 0.05                       | 0.05 | 2.29                          | 2.29  |

NA—Not applicable.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

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**Appendix C**  
**Detail of the Revised CSSC Code Assignments**

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From |
|---|----------|------|
| 52.0102 Mathematics EMH   | 1_11A    | IVA  |
| 52.0204 Mathematics EH  | 1_11A    | IVA  |
| 52.0302 Mathematics DEAF  | 1_11A    | IVA  |
| 27.0109 Mathematics   | 1_11D    | I1C  |
| 27.9900 Mathematics, Other  | 1_11D    | I1GB |
| 54.1101 Functional Consumer Math  | 1_12A    | I1C  |
| 54.1109 Functional Consumer Math, not for credit  | 1_12A    | I1C  |
| 56.2721 Resource Consumer Math  | 1_12A    | I1C  |
| 56.2729 Resource Consumer Math, not for credit  | 1_12A    | I1C  |
| 27.0108 Science Mathematics   | 1_12B    | I1C  |
| 27.0114 Consumer Mathematics; Mathematics Survival Skills   | 1_12B    | I1C  |
| 27.0403 Algebra 1, Part 2   | 1_14     | I1D  |
| 27.0412 Analytic Geometry; Geometry, Advanced   | 1_15     | I1GB |
| 27.0405 Algebra 2; Algebra, Intermediate  | 1_16     | I1GA |
| 27.0410 College; Algebraic Systems  | 1_16     | I1GA |
| 27.0414 Algebra and Trigonometry  | 1_16     | I1GA |
| 27.0415 Algebra and Analytic Geometry   | 1_16     | I1GA |
| 27.0411 Trigonometry  | 1_16     | I1GB |
| 27.0413 Trigonometry and Solid Geometry   | 1_16     | I1GB |
| 27.0416 Elementary Functions; Limits and Functions; Analysis, Elementary  | 1_16     | I1GB |
| 27.0417 Linear Algebra; Matrix Algebra; Algebra, Honors   | 1_17C    | I1GA |
| 27.0112 Mathematics Review; SAT Mathematics; Senior Math  | 1_17C    | I1GB |
| 27.0200 Actuarial Sciences, Other   | 1_17C    | I1GB |
| 27.0400 Pure Mathematics, Other   | 1_17C    | I1GB |
| 27.0424 Enrichment; Mathematics Seminar   | 1_17C    | I1GB |
| 27.0500 Statistics, Other   | 1_17C    | I1GB |
| 27.0511 Statistics  | 1_17C    | I1GB |
| 27.0521 Probability   | 1_17C    | I1GB |
| 27.0531 Probability and Statistics  | 1_17C    | I1GB |
| 27.0421 Mathematics 1, Unified  | 1_18     | I1E  |
| 27.0422 Mathematics 2, Unified  | 1_18     | I1F  |
| 27.0423 Mathematics 3, Unified  | 1_18     | I1GB |
| 54.1201 Functional Vocational Math  | 1_19A    | I1C  |
| 54.1209 Functional Vocational Math, not for credit  | 1_19A    | I1C  |
| 56.2711 Resource Vocational Math  | 1_19A    | I1C  |
| 56.2719 Resource Vocational Math, not for credit  | 1_19A    | I1C  |
| 27.0110 Mathematics, Vocational; Shop Mathematics; Mathematics for Trade and Industry; Mathematics for Employment | 1_19B    | I1C  |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to | From |
|--|----------|------|
| 27.0111 Technical Mathematics  | 1_19B    | I1C  |
| 27.0300 Applied Mathematics, Other   | 1_19B    | I1C  |
| <del>32.0108 Mathematics for Employment; Work Experience Mathematics</del> | 1_19B    | I1C  |
| 1.0151 Agricultural Mathematics  | 1_19B    | IIB4 |
| 7.0171 Business Mathematics 1; Business Arithmetic; Career Computation 1   | 1_19B    | IIB4 |
| 7.0172 Business Mathematics 2; Business Arithmetic 2; Career Computation   | 1_19B    | IIB4 |
| 17.0651 Nurse's Mathematics  | 1_19B    | IIB4 |
| 52.0104 Science EMH  | 1_21A    | IVA  |
| 52.0205 Science EH   | 1_21A    | IVA  |
| 52.0303 Science DEAF   | 1_21A    | IVA  |
| Science Investigations; Science Research Techniques; Science Study,        |          |      |
| 30.0121 Independent  | 1_21B    | I21A |
| 40.0900 Planetary Science, Other   | 1_21B    | I24D |
| 30.0100 Biological and Physical Sciences, Other                            | 1_21C    | I21A |
| 40.0131 Chemistry and Physics Laboratory Techniques                        | 1_21C    | I23A |
| 26.0132 Biology, General 2   | 1_22C    | I22B |
| 26.0622 Marine Biology 2; Marine Biology, Advanced                         | 1_22D    | I22C |
| 41.0211 Radioactivity  | 1_23D    | I21B |
| 40.0611 Earth Science; Earth Science 9; Earth Science, General             | 1_25B    | I21A |
| 40.0631 Geology  | 1_25B    | I21B |
| 40.0641 Mineralogy   | 1_25B    | I21B |
| 40.0621 Earth Science, College Preparatory                                 | 1_25C    | I21B |
| 40.0600 Geological Sciences, Other   | 1_25D    | I21B |
| 40.0632 Geology—Field Studies  | 1_25D    | I21B |
| 40.0111 Physical Science 8; Science 8                                      | 1_26A    | I21A |
| 40.0141 Physical Science, Applied  | 1_26A    | I21A |
| 40.0100 Physical Sciences, Other General                                   | 1_26B    | I21A |
| 40.0121 Physical Science; Science 9; Chemistry and Physics                 | 1_26B    | I21A |
| 40.0700 Miscellaneous Physical Sciences, Other                             | 1_26B    | I21B |
| 40.9900 Physical Sciences, Other   | 1_26B    | I21B |
| 30.0300 Engineering and Other Disciplines, Other                           | 1_27     | I21A |
| 30.0311 Engineering Concepts   | 1_27     | I21A |
| 14.2600 Surveying and Mapping Sciences, Other                              | 1_27     | I21B |
| 14.2611 Cartography/Map Making   | 1_27     | I21B |
| 14.2700 Systems Engineering, Other   | 1_27     | I21B |
| 14.2800 Textile Engineering, Other   | 1_27     | I21B |
| 14.9900 Engineering, Other   | 1_27     | I21B |
| 14.0100 Engineering, Other General   | 1_27     | I21B |
| 14.1211 Instrumentation Physics 1  | 1_27     | I24B |
| 14.0111 Orientation to Engineering; Pre-Engineering                        | 1_27     | I24C |
| 14.0221 Aerospace Engineering Design                                       | 1_27     | I24C |
| 14.1212 Instrumentation Physics 2  | 1_27     | I24C |
| 14.1213 Instrumentation Physics 3  | 1_27     | I24C |
| 14.1214 Instrumentation Physics 4/Advanced Placement                       | 1_27     | I24C |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to         | From            |
|--|------------------|-----------------|
| 14.0200 Aerospace, Aeronautical, and Astronautical, Other  | 1_27             | I24D            |
| 14.0300 Agricultural Engineering, Other  | 1_27             | I24D            |
| 14.0400 Architectural Engineering, Other   | 1_27             | I24D            |
| 14.0500 Bioengineering and Biomedical Engineering, Other   | 1_27             | I24D            |
| 14.0600 Ceramic Engineering, Other   | 1_27             | I24D            |
| 14.0700 Chemical Engineering, Other  | 1_27             | I24D            |
| 14.0800 Civil Engineering, Other   | 1_27             | I24D            |
| 14.0900 Computer Engineering, Other  | 1_27             | I24D            |
| 14.1000 Electrical, Electronics, and Communications, Other   | 1_27             | I24D            |
| 14.1100 Engineering Mechanics, Other   | 1_27             | I24D            |
| 14.1200 Engineering Physics, Other   | 1_27             | I24D            |
| 14.1300 Engineering Science, Other   | 1_27             | I24D            |
| 14.1400 Environmental Health Engineering, Other  | 1_27             | I24D            |
| 14.1500 Geological Engineering, Other  | 1_27             | I24D            |
| 14.1600 Geophysical Engineering, Other   | 1_27             | I24D            |
| 14.1700 Industrial Engineering, Other  | 1_27             | I24D            |
| 14.1800 Materials Engineering, Other   | 1_27             | I24D            |
| 14.1900 Mechanical Engineering, Other  | 1_27             | I24D            |
| 14.1911 Strength of Materials—Mechanical Technology  | 1_27             | I24D            |
| 14.2000 Metallurgical Engineering, Other   | 1_27             | I24D            |
| 14.2100 Mining and Mineral Engineering, Other  | 1_27             | I24D            |
| 14.2200 Naval Architecture and Marine Engineering, Other   | 1_27             | I24D            |
| 14.2300 Nuclear Engineering, Other   | 1_27             | I24D            |
| 14.2400 Ocean Engineering, Other   | 1_27             | I24D            |
| 14.2500 Petroleum Engineering, Other   | 1_27             | I24D            |
| 40.1011 Aerospace Science  | 1_27             | I24D            |
| 56.2300 Special Education Language Arts  | 1_31A            | I31A            |
| 23.0405 Spelling   | 1_31A            | I31A            |
| 23.0415 Word Study—Remedial  | 1_31A            | I31A            |
| Reading Development 1; Reading Improvement; Remedial Reading;<br>Reading Skills; Chapter I Reading; Reading Fundamentals; Corrective |                  |                 |
| 23.1211 Reading  | 1_31A            | I31A            |
| 23.1212 Reading Development 2  | 1_31A            | I31A            |
| 23.1213 Reading Development 3  | 1_31A            | I31A            |
| 23.1214 Reading Development 4  | 1_31A            | I31A            |
| <del>32.0109 Reading Development 1; Reading Improvement; Reading, Remedial</del>   | <del>1_31A</del> | <del>I31A</del> |
| <del>32.0110 Reading Development 2</del>   | <del>1_31A</del> | <del>I31A</del> |
| <del>English, Personal; English, Functional; Career Communications;</del>  |                  |                 |
| <del>32.0118 Minimum Standards Review</del>  | <del>1_31A</del> | <del>I31A</del> |
| 54.2051 Functional Vocational English  | 1_31A            | I31A            |
| 54.2059 Functional Vocational English, not for credit  | 1_31A            | I31A            |
| 54.2101 Functional Reading   | 1_31A            | I31A            |
| 54.2109 Functional Reading, not for credit   | 1_31A            | I31A            |
| 56.2309 Resource Language Arts/English, not for credit   | 1_31A            | I31A            |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From |
|---|----------|------|
| 56.2310 Special Education Reading   | 1_31A    | I31A |
| 56.2311 Resource Reading  | 1_31A    | I31A |
| 56.2319 Resource Reading, not taken for credit  | 1_31A    | I31A |
| 56.2320 Special Education Writing   | 1_31A    | I31A |
| 56.2321 Resource Writing  | 1_31A    | I31A |
| 56.2329 Resource Writing, not for credit  | 1_31A    | I31A |
| 23.0100 English, Other General  | 1_31A    | I31F |
| 23.9900 Letters, Other<br>Vocabulary; Fun With Words; College Vocabulary Skill Building;                                | 1_31A    | I31F |
| 23.0404 Word Power  | 1_31A    | I31H |
| 23.0412 Etymology; Wordsearch; Word Clues   | 1_31A    | I31H |
| 54.2201 Functional Oral Communication   | 1_31A    | I34  |
| 54.2209 Functional Oral Communication, not for credit   | 1_31A    | I34  |
| 23.0156 Vocational English  | 1_31A    | IIB4 |
| <del>32.0112 Speech, Developmental</del>  | 1_31A    | IVA  |
| <del>32.0113 Language, Developmental</del>  | 1_31A    | IVA  |
| <del>32.0114 Voice, Developmental</del>   | 1_31A    | IVA  |
| 52.0103 English/Language Arts EMH   | 1_31A    | IVA  |
| 52.0203 English/Language Arts EH  | 1_31A    | IVA  |
| 52.0301 English/Language Arts DEAF  | 1_31A    | IVA  |
| 23.0406 Grammar 7; Language Structure 7   | 1_31B    | I31H |
| 23.0407 Grammar 8; Language Structure 8   | 1_31B    | I31H |
| 23.1311 Functional English 1; Correlated Language Arts 1  | 1_31C1   | I31A |
| 54.2011 Functional Language Arts 1  | 1_31C1   | I31A |
| 54.2019 Functional Language Arts 1, not for credit  | 1_31C1   | I31A |
| 56.2301 Developmental English 1/Resource ESE AAP English 1  | 1_31C1   | I31A |
| 23.1312 Functional English 2; Correlated Language Arts 2  | 1_31C2   | I31A |
| 54.2021 Functional Language Arts 2  | 1_31C2   | I31A |
| 54.2029 Functional Language Arts 2, not for credit  | 1_31C2   | I31A |
| 56.2302 Developmental English 2/Resource ESE AAP English 2  | 1_31C2   | I31A |
| 23.1313 Functional English 3; Correlated Language Arts 3  | 1_31C3   | I31A |
| 54.2031 Functional Language Arts 3  | 1_31C3   | I31A |
| 54.2039 Functional Language Arts 3, not for credit  | 1_31C3   | I31A |
| 56.2303 Developmental English 3/Resource ESE AAP English 3<br>Functional English 4; Correlated Language Arts 4; Minimum | 1_31C3   | I31A |
| 23.1314 Standards Review; Personal and Career Communications  | 1_31C4   | I31A |
| 54.2041 Functional Language Arts 4  | 1_31C4   | I31A |
| 54.2049 Functional Language Arts 4, not for credit  | 1_31C4   | I31A |
| 56.2304 Developmental English 4/Resource ESE AAP English 4  | 1_31C4   | I31A |
| 23.0408 Grammar 9; Language Structure 9<br>Grammar 10; Language Structure 10; Grammar Review 10, College                | 1_31E1   | I31H |
| 23.0409 Preparation<br>Grammar 11; Language Structure 11; Grammar Review 11, College                                    | 1_31E2   | I31H |
| 23.0410 Preparation   | 1_31E3   | I31H |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From   |
|---|----------|--------|
| Grammar 12; Language Structure 12; Grammar Review 12, College         |          |        |
| 23.0411 Preparation; English SAT Preparation                          | 1_31E4   | I31H   |
| 54.2301 Functional Writing  | 1_33     | I31A   |
| 54.2309 Functional Writing, not for credit                            | 1_33     | I31A   |
| 7.0411 Business English 1; Business Communications                    | 1_33     | IIB4   |
| 7.0412 Business English 2   | 1_33     | IIB4   |
| 7.0413 Business English 3   | 1_33     | IIC22A |
| 7.0414 Business English 4   | 1_33     | IIC22A |
| 23.0900 Rhetoric, Other   | 1_34     | I33    |
| 16.0121 English as a Second Language 1; TESOL, Beginning              | 1_35     | I6A    |
| 16.0122 English as a Second Language 2; TESOL, Intermediate           | 1_35     | I6A    |
| 16.0123 English as a Second Language 3; TESOL, Advanced               | 1_35     | I6A    |
| 16.0124 English as a Second Language, Skills Lab                      | 1_35     | I6A    |
| 16.0125 Transitional English  | 1_35     | I6A    |
| 45.0609 American Labor History  | 1_41D    | I44D   |
| European History, Modern, Advanced Placement; Western                 |          |        |
| 45.0856 Civilization, Modern  | 1_42C    | I42B   |
| <del>32.0119 Contemporary Issues, Basic Skills</del>                  | 1_43A    | I41A   |
| 45.1033 Contemporary Issues, Basic Skills                             | 1_43A    | I41A   |
| 45.1030 Political Science, Advanced Placement                         | 1_43D    | I43C   |
| 44.0300 International Public Service, Other                           | 1_43D    | I44D   |
| Consumer Economics; Consumer and the Economy; Economics and           |          |        |
| 45.0603 the Consumer  | 1_44A    | I44A   |
| 45.0600 Economics, Other  | 1_44B    | I44D   |
| 45.0601 Economics 1; Economics, Theory; Economics, Basic              | 1_44B    | I44D   |
| Economics 2; Comparative Economics; American Economy; Free            |          |        |
| Enterprise; Economics and Economic Problems; Economics for Today      |          |        |
| 45.0602 and the Future; Economics Now                                 | 1_44B    | I44D   |
| 45.0611 Economics, College  | 1_44C    | I44C   |
| 45.0610 Economics, Analysis and Criticism                             | 1_44C    | I44D   |
| 45.0605 Insurance Theory  | 1_44D    | I44D   |
| 45.0606 Investment Economics  | 1_44D    | I44D   |
| 45.0607 Television and Economics                                      | 1_44D    | I44D   |
| 45.0612 International Economics                                       | 1_44D    | I44D   |
| 42.0100 Psychology, Other General                                     | 1_45B    | I44D   |
| 42.0111 Psychology; Behavioral Sciences, Introduction; Human Behavior | 1_45B    | I44D   |
| 42.0113 Abnormal Psychology   | 1_45B    | I44D   |
| 42.0311 Psychology of Learning  | 1_45B    | I44D   |
| 42.0321 Educational Psychology  | 1_45B    | I44D   |
| 42.0711 Child Psychology  | 1_45B    | I44D   |
| 42.0721 Adolescent Psychology; Adolescent Development                 | 1_45B    | I44D   |
| 42.0731 Adjustment Psychology   | 1_45B    | I44D   |
| 42.1611 Social Psychology   | 1_45B    | I44D   |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From |
|---|----------|------|
| American Social Problems, Introduction; Social Problems; Social |          |      |
| 45.1111 Issues; Community and Intergroup Relations              | 1_45B    | I44D |
| 45.1121 Sociology, General                                      | 1_45B    | I44D |
| 45.1131 Sociology, Issues                                       | 1_45B    | I44D |
| 42.0112 Psychology, Advanced                                    | 1_45C    | I44C |
| 45.1171 Sociology, Honors                                       | 1_45C    | I44C |
| 45.1181 Sociology, Research                                     | 1_45C    | I44D |
| 42.0200 Clinical Psychology, Other                              | 1_45D    | I44D |
| 42.0300 Cognitive Psychology, Other                             | 1_45D    | I44D |
| 42.0400 Community Psychology, Other                             | 1_45D    | I44D |
| 42.0500 Comparative Psychology, Other                           | 1_45D    | I44D |
| 42.0600 Counseling Psychology, Other                            | 1_45D    | I44D |
| 42.0700 Developmental Psychology, Other                         | 1_45D    | I44D |
| 42.0800 Experimental Psychology, Other                          | 1_45D    | I44D |
| 42.0900 Industrial and Organizational Psychology, Other         | 1_45D    | I44D |
| 42.1000 Personality Psychology, Other                           | 1_45D    | I44D |
| 42.1011 Historical Personalities and Ideas                      | 1_45D    | I44D |
| 42.1021 Humanistic Psychology                                   | 1_45D    | I44D |
| 42.1100 Physiological Psychology, Other                         | 1_45D    | I44D |
| 42.1200 Psycholinguistics, Other                                | 1_45D    | I44D |
| 42.1300 Psychometrics, Other                                    | 1_45D    | I44D |
| 42.1400 Psychopharmacology, Other                               | 1_45D    | I44D |
| 42.1411 Psychopharmacology                                      | 1_45D    | I44D |
| 42.1500 Quantitative Psychology, Other                          | 1_45D    | I44D |
| 42.1600 Social Psychology, Other                                | 1_45D    | I44D |
| 42.9900 Psychology, Other                                       | 1_45D    | I44D |
| 45.1100 Sociology, Other  | 1_45D    | I44D |
| 45.1132 The Poor in America                                     | 1_45D    | I44D |
| 45.0701 Geography 8   | 1_46A    | I44A |
| 45.0702 Geography, United States                                | 1_46B    | I44B |
| 45.0703 Geography, North American                               | 1_46B    | I44B |
| 45.0704 World Geography; Cultural and Physical Geography        | 1_46B    | I44B |
| 45.0705 Geography, Western Hemisphere and Africa                | 1_46B    | I44D |
| 45.0706 Geography, Eastern Hemisphere                           | 1_46B    | I44D |
| 45.0707 Physical Geography                                      | 1_46B    | I44D |
| 45.0708 Economic and Political Geography; Economic Geography    | 1_46B    | I44D |
| 45.0709 Human and Cultural Geography; Man and His Environment   | 1_46B    | I44D |
| 45.0710 Field Geography, Honors                                 | 1_46C    | I44C |
| 45.0700 Geography, Other  | 1_46D    | I44D |
| 52.0105 Social Studies EMH                                      | 1_47A    | IVA  |
| 52.0206 Social Studies EH                                       | 1_47A    | IVA  |
| 52.0304 Social Studies DEAF                                     | 1_47A    | IVA  |
| 45.0800 History, Other  | 1_47B    | I41B |
| 50.0213 Crafts 9; Creative Crafts 9                             | 1_51B    | I51A |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to | From |
|--|----------|------|
| 50.0214 Crafts 10; Creative Crafts 10; Applied Art 10; Home Decorative   | 1_51B    | I51A |
| 50.0215 Crafts 11; Creative Crafts 11; Applied Art 11; Home Decorative   | 1_51B    | I51A |
| 50.0216 Crafts 12; Creative Crafts 12; Applied Art 12<br>Art, General; Studio In Art; Fine Arts Studio; Studio Art Laboratory;     | 1_51B    | I51A |
| 50.0703 Arts and Crafts Studio; Survey Media   | 1_51B    | I51A |
| 50.0704 Art 1; Art 9   | 1_51B    | I51A |
| 50.0705 Art 2; Art 10  | 1_51B    | I51A |
| 50.0706 Art 3; Art 11  | 1_51B    | I51A |
| 50.0707 Art 4; Art 12  | 1_51B    | I51A |
| 50.0300 Dance, Other   | 1_53     | I53  |
| 50.0311 Modern Dance for Beginners 9; Rhythm and Dance 9<br>Modern Dance for Beginners 10; Creative Dance 10; Rhythm and           | 1_53     | I53  |
| 50.0312 Dance 10<br>Modern Dance for Beginners 11; Creative Dance 11; Rhythm and   | 1_53     | I53  |
| 50.0313 Dance 11<br>Modern Dance for Beginners 12; Creative Dance 12; Rhythm and   | 1_53     | I53  |
| 50.0314 Dance 12   | 1_53     | I53  |
| 50.0321 Modern Dance 9, Intermediate   | 1_53     | I53  |
| 50.0322 Modern Dance 10, Intermediate  | 1_53     | I53  |
| 50.0323 Modern Dance 11, Intermediate  | 1_53     | I53  |
| 50.0324 Modern Dance 12, Intermediate  | 1_53     | I53  |
| 50.0331 Dance 9, Advanced  | 1_53     | I53  |
| 50.0332 Dance 10, Advanced   | 1_53     | I53  |
| 50.0333 Dance 11, Advanced   | 1_53     | I53  |
| 50.0334 Dance 12, Advanced   | 1_53     | I53  |
| 50.0341 Performing Dance Group 9   | 1_53     | I53  |
| 50.0342 Performing Dance Group 10  | 1_53     | I53  |
| 50.0343 Performing Dance Group 11  | 1_53     | I53  |
| 50.0344 Performing Dance Group 12  | 1_53     | I53  |
| 50.0351 Ballet and Jazz for Beginners 9  | 1_53     | I53  |
| 50.0352 Ballet and Jazz for Beginners 10   | 1_53     | I53  |
| 50.0353 Ballet and Jazz for Beginners 11   | 1_53     | I53  |
| 50.0354 Ballet and Jazz for Beginners 12   | 1_53     | I53  |
| 50.0361 Ethnic Dance; Folk Dance   | 1_53     | I53  |
| 50.0371 Square Dance   | 1_53     | I53  |
| 50.0381 Aerobic Dance  | 1_53     | I53  |
| 50.0421 Theater Makeup   | 1_54     | I53  |
| 50.0431 Lighting Fundamentals, Theater   | 1_54     | I53  |
| 50.0500 Dramatic Arts, Other   | 1_54     | I53  |
| 50.0511 Stagecraft 9; Theater Arts 1; Acting Fundamentals 9<br>Stagecraft 10; Acting Fundamentals 10; Stage Design and Stage Craft | 1_54     | I53  |
| 50.0512 10; Play Production 10; Dramatics 10<br>Stagecraft 11; Acting Fundamentals 11; Dramatics 11; Theater                       | 1_54     | I53  |
| 50.0513 Production 11; Play Production 11; Theatre Projects 11; Acting   | 1_54     | I53  |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to | From   |
|--|----------|--------|
| Stagecraft 12; Acting Fundamentals 12; Dramatics 12; Play              |          |        |
| 50.0514 Production 12; Theater Projects 12; Theater Workshop 12        | 1_54     | I53    |
| 50.0521 Improvisation and Mime   | 1_54     | I53    |
| 50.0531 Playwriting  | 1_54     | I53    |
| 50.0541 Theater Practicum Contract                                     | 1_54     | I53    |
| 50.0551 Drama, History   | 1_54     | I53    |
| 50.0561 Drama, Independent Study                                       | 1_54     | I53    |
| 9.0811 Sign Language 1; Signing 1                                      | 1_66A    | III1   |
| 9.0821 Braille Communications  | 1_66A    | III1   |
| 9.0812 Sign Language 2; Signing 2                                      | 1_66B    | III1   |
| 55.5011 General Industrial Arts 1                                      | 2_B2     | IIB3   |
| 55.5021 General Industrial Arts 2                                      | 2_B2     | IIB3   |
| 55.5031 General Industrial Arts 3                                      | 2_B2     | IIB3   |
| 55.0001 General Prevocational Preparation                              | 2_B3     | IIC8   |
| 52.0110 Work Program (OJT off campus) EMH                              | 2_B3     | IVB    |
| 52.0902 Physically Handicapped Work Program                            | 2_B3     | IVB    |
| 55.0401 Combined Vocational/Academic Preparation                       | 2_B5     | IIB3   |
| 55.0409 Combined Vocational/Academic Preparation, not for credit       | 2_B5     | IIB3   |
| 18.2400 Veterinary Medicine, Other                                     | 2_C01C   | IIC4C  |
| 55.1411 Agricultural Work Study  | 2_C01D   | IIB3   |
| 1.0171 Agriculture Cooperatives; Agricultural Cooperative Education I  | 2_C01D   | IIC1B  |
| 1.0172 Agricultural Cooperative Education II                           | 2_C01D   | IIC1B  |
| 1.0182 SOEP—Supervised Occupational Experience Program                 | 2_C01D   | IIC1B  |
| 1.0421 Agricultural Products and Processing—Cooperative Education      | 2_C01D   | IIC1B  |
| 3.0221 Environmental Management—Cooperative Education                  | 2_C01D   | IIC1B  |
| Forestry Occupations—Work Experience; Forestry—Cooperative             |          |        |
| 3.0521 Education   | 2_C01D   | IIC1B  |
| 55.1511 Agricultural Work Experience                                   | 2_C01D   | IIC1B  |
| 6.0511 Business Economics  | 2_C021C  | IIB4   |
| 6.0121 Business Law  | 2_C021C  | IIC21A |
| 6.0200 Accounting, Other   | 2_C021C  | IIC22C |
| 6.0141 Business Education, Cooperative                                 | 2_C021D  | IIC21B |
| 7.0251 Banking and Financial Careers—Cooperative Education             | 2_C021D  | IIC21B |
| 7.0162 Office Machines, Vocational                                     | 2_C022A  | IIC22B |
| 7.0241 Bank Data Entry Occupations                                     | 2_C022A  | IIC22C |
| 7.0371 Peripheral Computer Operator                                    | 2_C022A  | IIC22C |
| 55.2211 Business Work Study 1  | 2_C022D  | IIB3   |
| 55.2221 Business Work Study 2  | 2_C022D  | IIB3   |
| Office Education 1, Cooperative; Clerical On The Job Training;         |          |        |
| 7.0741 Office Training, Vocational; Office Occupations Work Experience | 2_C022D  | IIC22B |
| 7.0742 Office Education 2, Cooperative                                 | 2_C022D  | IIC22B |
| 55.2311 Business Work Experience 1                                     | 2_C022D  | IIC22B |
| 55.2321 Business Work Experience 2                                     | 2_C022D  | IIC22B |
| 8.0131 Fashion Merchandising—Cooperative Education 1                   | 2_C03D   | IIC3B  |

## Movement of Codes During Revision Process (674 moves)

| <b>CSSC Codes and Titles</b>   | <b>Moved to</b> | <b>From</b> |
|--|-----------------|-------------|
| 8.0132 Fashion Merchandising—Cooperative Education 2   | 2_C03D          | IIC3B       |
| 8.0621 Food Marketing—Cooperative Education 1  | 2_C03D          | IIC3B       |
| 8.0622 Food Marketing—Cooperative Education 2<br>Distributive Education 1, Cooperative; Store Experience; Marketing    | 2_C03D          | IIC3B       |
| 8.0721 Occupational Experience   | 2_C03D          | IIC3B       |
| 8.0722 Distributive Education 2, Cooperative   | 2_C03D          | IIC3B       |
| 8.1121 Entertainment Park/Tourism—Cooperative Education  | 2_C03D          | IIC3B       |
| 17.0621 Nursing, Introduction; Nursing, Practical  | 2_C04A          | IIC4C       |
| 17.0631 Nurse Aide and Orderly; Nurse's Assistant; Patient Care Technician   | 2_C04A          | IIC4C       |
| 20.0461 Dietetic Aide  | 2_C04C          | IIC5C       |
| 55.3111 Health Occupations Work Study 1  | 2_C04D          | IIB3        |
| 55.3121 Health Occupations Work Study 2<br>Health Occupations 2; Health Occupations TrainingMedical Careers            | 2_C04D          | IIB3        |
| 17.0521 Work Experience  | 2_C04D          | IIC4B       |
| 17.0121 Dental Assistant, Cooperative  | 2_C04D          | IIC4B       |
| 17.0592 Health Occupations—Cooperative Education 1   | 2_C04D          | IIC4B       |
| 17.0593 Health Occupations—Cooperative Education 2   | 2_C04D          | IIC4B       |
| 17.0641 Nurse Aide, Cooperative  | 2_C04D          | IIC4B       |
| 55.3211 Health Occupations Work Experience 1   | 2_C04D          | IIC4B       |
| 55.3221 Health Occupations Work Experience 2   | 2_C04D          | IIC4B       |
| 43.0111 Police Science; Law Enforcement; Criminal Justice  | 2_C05A          | I44D        |
| 43.0211 Fire Fighting Practices; Fire Science  | 2_C05A          | I44D        |
| 44.0711 Human Services   | 2_C05A          | I44D        |
| 43.0100 Criminal Justice, Other  | 2_C05C          | I44D        |
| 43.0121 Forensic Studies; Law Science  | 2_C05C          | I44D        |
| 43.0200 Fire Protection, Other   | 2_C05C          | I44D        |
| 43.9900 Protective Services, Other   | 2_C05C          | I44D        |
| 44.0100 Public Affairs, Other General  | 2_C05C          | I44D        |
| 44.0200 Community Services, Other  | 2_C05C          | I44D        |
| 44.0400 Public Administration, Other   | 2_C05C          | I44D        |
| 44.0500 Public Policy Studies, Other   | 2_C05C          | I44D        |
| 44.0600 Public Works, Other  | 2_C05C          | I44D        |
| 44.0700 Social Work, Other   | 2_C05C          | I44D        |
| 44.9900 Public Affairs, Other  | 2_C05C          | I44D        |
| 45.0400 Criminology, Other   | 2_C05C          | I44D        |
| 43.0311 Security Guard   | 2_C05C          | IIC22C      |
| 55.8411 Construction Trades Work Study 1   | 2_C061D         | IIB3        |
| 55.8421 Construction Trades Work Study 2   | 2_C061D         | IIB3        |
| 21.0130 Electricity—Cooperative Education 1  | 2_C061D         | IIC61B      |
| 21.0131 Electricity—Cooperative Education 2  | 2_C061D         | IIC61B      |
| 21.0150 Electricity/Electronics—Cooperative Education 1  | 2_C061D         | IIC61B      |
| 21.0151 Electricity/Electronics—Cooperative Education 2<br>Building Construction—Cooperative Education 1; Construction | 2_C061D         | IIC61B      |
| 46.0451 Trades—Cooperative Education 1   | 2_C061D         | IIC61B      |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to | From   |
|--|----------|--------|
| Building Construction—Cooperative Education 2; Construction  |          |        |
| 46.0452 Trades—Cooperative Education 2   | 2_C061D  | IIC61B |
| 55.8511 Construction Trades Work Experience 1  | 2_C061D  | IIC61B |
| 55.8521 Construction Trades Work Experience 2  | 2_C061D  | IIC61B |
| 47.0624 Auto Mechanics—Cooperative Education 1   | 2_C062D  | IIC62B |
| 47.0625 Auto Mechanics—Cooperative Education 2   | 2_C062D  | IIC62B |
| 55.9111 Auto Service Work Experience 1   | 2_C062D  | IIC62B |
| 55.9121 Auto Service Work Experience 2   | 2_C062D  | IIC62B |
| 15.0431 Computer-Assisted Design/Drafting (CAD)  | 2_C0631A | IIC63C |
| 48.0231 Sign Painting 1; Lettering   | 2_C0631A | IIC63C |
| 48.0261 Copy Editing   | 2_C0631C | IIC63B |
| 52.0107 Adaptive Foundry EMH   | 2_C0632C | IVB    |
| 55.7411 Precision Production Work Study 1  | 2_C0634  | IIB3   |
| 55.7421 Precision Production Work Study 2  | 2_C0634  | IIB3   |
| 21.0111 Industrial Cooperative Work Experience   | 2_C0634  | IIC63B |
| 21.0112 Industrial Cooperative Work Experience, Advanced   | 2_C0634  | IIC63B |
| 21.0140 Electronics—Cooperative Education 1  | 2_C0634  | IIC63B |
| 21.0141 Electronics—Cooperative Education 2  | 2_C0634  | IIC63B |
| 48.0151 Drafting 1, Cooperative  | 2_C0634  | IIC63B |
| 48.0152 Drafting 2, Cooperative  | 2_C0634  | IIC63B |
| 48.0213 Commercial Art, Cooperative  | 2_C0634  | IIC63B |
| 48.0223 Graphic Arts 3; Printing Production—Cooperative  | 2_C0634  | IIC63B |
| 48.0524 Welding—Cooperative Education  | 2_C0634  | IIC63B |
| 55.7511 Precision Production Work Experience 1   | 2_C0634  | IIC63B |
| 55.7521 Precision Production Work Experience 2   | 2_C0634  | IIC63B |
| 11.0111 Computer Appreciation; Computer Literacy; Computers, Introduction<br>Computer Mathematics 1; Computer Problem Solving; Mathematics | 2_C071A  | IIC    |
| 11.0121 and Computing  | 2_C071A  | IIC    |
| 11.0211 Computer Programming 1   | 2_C071A  | IIC71A |
| 11.0221 FORTRAN, Introduction  | 2_C071A  | IIC71A |
| 11.0231 PASCAL, Introduction; PASCAL 1   | 2_C071A  | IIC71A |
| 11.0241 BASIC, Introduction; BASIC 1   | 2_C071A  | IIC71A |
| 11.0251 COBOL, Introduction; COBOL 1   | 2_C071A  | IIC71A |
| Data Processing, Introduction; Data Processing Systems and<br>Procedures; Computer Concepts; Data Processing; Electronic Data              |          |        |
| 11.0311 Processing; Data Systems 1   | 2_C071A  | IIC71A |
| 11.0131 Computer Applications; Computer Sciences 1   | 2_C071A  | IIC71C |
| 11.0261 LOGO, Introduction   | 2_C071A  | IIC71C |
| 11.0271 RPG Programming, Introduction  | 2_C071A  | IIC71C |
| 11.0122 Computer Mathematics 2   | 2_C071BA | IIC    |
| 11.0212 Computer Programming 2   | 2_C071BA | IIC71B |
| 11.0213 Computer Programming 3   | 2_C071BA | IIC71B |
| 11.0232 Advanced PASCAL; PASCAL 2  | 2_C071BA | IIC71B |
| 11.0242 Advanced BASIC; BASIC 2  | 2_C071BA | IIC71B |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to | From   |
|--|----------|--------|
| 11.0252 Advanced COBOL; COBOL 2  | 2_C071BA | IIC71B |
| 11.0312 Data Processing, Intermediate; Data Processing 2                   | 2_C071BA | IIC71B |
| 11.0313 Data Processing, Advanced; Data Processing, Internship             | 2_C071BA | IIC71B |
| 11.0100 Computer and Information Sciences, Other General                   | 2_C071BA | IIC71C |
| 11.0132 Computer Applications, Independent Study; Computer Sciences 2      | 2_C071BA | IIC71C |
| 11.0141 Computer Science, Advanced Placement; Computer Sciences 3          | 2_C071BA | IIC71C |
| 11.0400 Information Sciences and Systems, Other                            | 2_C071C  | IIC    |
| 11.0500 Systems Analysis, Other  | 2_C071C  | IIC    |
| 11.9900 Computer and Information Sciences, Other                           | 2_C071C  | IIC    |
| 11.0151 Artificial Intelligence  | 2_C071C  | IIC71C |
| 11.0200 Computer Programming, Other  | 2_C071C  | IIC71C |
| 11.0300 Data Processing, Other   | 2_C071C  | IIC71C |
| 15.0300 Electrical and Electronic Technologies, Other                      | 2_C071C  | IIC71C |
| 15.0311 Audio Electronics  | 2_C071C  | IIC71C |
| 15.0333 Electronics Fabrication  | 2_C071C  | IIC71C |
| 15.0341 Electrical/Electronics Engineering Technician                      | 2_C071C  | IIC71C |
| 11.0321 Computer Programming—Cooperative Education                         | 2_C071D  | IIC71B |
| 9.0612 Careers in Radio/Television Broadcasting                            | 2_C072A  | IIC71A |
| 9.0711 Broadcasting, Introduction  | 2_C072A  | IIC71A |
| 10.0111 World of Communications  | 2_C072A  | IIC71A |
| 10.0141 Broadcast Management 1   | 2_C072A  | IIC71A |
| 10.0151 Staging; Film Technology   | 2_C072A  | IIC71A |
| 10.0171 Production 1; Videotape Production                                 | 2_C072A  | IIC71A |
| 10.0191 Radio/Television Production 1                                      | 2_C072A  | IIC71A |
| 9.0441 Yearbook Production 1; Publications 1                               | 2_C072A  | III1   |
| 10.0142 Broadcast Management 2   | 2_C072B  | IIC71B |
| 10.0143 Broadcasting Practicum   | 2_C072B  | IIC71B |
| 10.0152 Film Making and Production 2                                       | 2_C072B  | IIC71B |
| 10.0172 Television Production 2  | 2_C072B  | IIC71B |
| 10.0173 Television Production 3  | 2_C072B  | IIC71B |
| 10.0174 Television Production 4  | 2_C072B  | IIC71B |
| 10.0192 Radio/Television Production 2                                      | 2_C072B  | IIC71B |
| 9.0442 Yearbook Production 2; Publications 2                               | 2_C072B  | III1   |
| 9.0100 Communications, Other General                                       | 2_C072C  | I44D   |
| 9.0111 Media and Persuasion; Media in Society; Media and Critical Thinking | 2_C072C  | I44D   |
| 9.0300 Communications Research, Other                                      | 2_C072C  | I44D   |
| 9.0721 Radio and Television Appreciation; Television and Taste             | 2_C072C  | I44D   |
| 9.9900 Communications, Other   | 2_C072C  | I44D   |
| 9.0600 Radio/Television News Broadcast, Other                              | 2_C072C  | IIC71C |
| 9.0611 Broadcast Journalism; Television News                               | 2_C072C  | IIC71C |
| 9.0700 Radio/Television, Other General                                     | 2_C072C  | IIC71C |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From   |
|---|----------|--------|
| 9.0831 Cryptography   | 2_C072C  | IIC71C |
| 10.0100 Communication Technologies, Other                               | 2_C072C  | IIC71C |
| Audio Visuals; Media Production Aide; Communications Media              |          |        |
| 10.0121 Production  | 2_C072C  | IIC71C |
| 10.0161 Radio Production  | 2_C072C  | IIC71C |
| 10.0181 Cable Television  | 2_C072C  | IIC71C |
| 47.0124 Telecommunications Technician                                   | 2_C072C  | IIC71C |
| 15.0331 Electronic Technology 1   | 2_C073A  | IIC71A |
| 15.0411 Electromechanical Technology 1; Robotics Technology             | 2_C073A  | IIC71A |
| 15.0611 Industrial Production Technology 1; Manufacturing Process       | 2_C073A  | IIC71A |
| 17.0321 Chemical Technology 1; Chemistry Lab; Chemistry, Qualitative    | 2_C073A  | IIC71A |
| 15.0332 Electronic Technology 2   | 2_C073B  | IIC71B |
| 15.0412 Electromechanical Technology 2                                  | 2_C073B  | IIC71B |
| 15.0612 Industrial Production Technology 2; Manufacturing Process       | 2_C073B  | IIC71B |
| 17.0322 Chemical Technology 2   | 2_C073B  | IIC71B |
| 15.0100 Architectural Technologies, Other                               | 2_C073C  | IIC71C |
| 15.0111 Structural Engineering Technician                               | 2_C073C  | IIC71C |
| 15.0200 Civil Technologies, Other                                       | 2_C073C  | IIC71C |
| 15.0211 Surveying   | 2_C073C  | IIC71C |
| 15.0221 Civil Engineering Technician                                    | 2_C073C  | IIC71C |
| 15.0321 Electrical Technology   | 2_C073C  | IIC71C |
| 15.0400 Electromechanical Instrumentation and Maintenance Technologies, | 2_C073C  | IIC71C |
| 15.0421 Instrumentation Technology                                      | 2_C073C  | IIC71C |
| 15.0500 Environmental Control Technologies, Other                       | 2_C073C  | IIC71C |
| 15.0511 Environmental Control Technologies                              | 2_C073C  | IIC71C |
| 15.0600 Industrial Production Technologies, Other                       | 2_C073C  | IIC71C |
| 15.0601 Industrial Research & Development; Product Creation/Improvement | 2_C073C  | IIC71C |
| 15.0621 Chemical Manufacturing Technology                               | 2_C073C  | IIC71C |
| 15.0631 Optics Technology   | 2_C073C  | IIC71C |
| 15.0700 Quality Control and Safety Technologies, Other                  | 2_C073C  | IIC71C |
| 15.0711 Quality Control Technology                                      | 2_C073C  | IIC71C |
| 15.0800 Mechanical and Related Technologies, Other                      | 2_C073C  | IIC71C |
| 15.0811 Automotive Design & Technology                                  | 2_C073C  | IIC71C |
| 15.0821 Mechanical Engineering Technology                               | 2_C073C  | IIC71C |
| 15.0900 Mining and Petroleum Technologies, Other                        | 2_C073C  | IIC71C |
| 15.0911 Mining Technology   | 2_C073C  | IIC71C |
| 15.0921 Petroleum Technology  | 2_C073C  | IIC71C |
| 15.9900 Engineering and Engineering-Related Technologies, Other         | 2_C073C  | IIC71C |
| 41.0100 Biological Technologies, Other                                  | 2_C073C  | IIC71C |
| 41.0200 Nuclear Technologies, Other                                     | 2_C073C  | IIC71C |
| 41.0300 Physical Science Technologies, Other                            | 2_C073C  | IIC71C |
| 41.9900 Science Technologies, Other                                     | 2_C073C  | IIC71C |
| 55.4211 Clothing and Textiles 1   | 2_C08A   | IIC5A  |
| 4.0511 Interior Design  | 2_C08A   | IIC5A  |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From   |
|---|----------|--------|
| 12.0111 Dry Cleaning 1<br>Cosmetology; Care of the Nails and Skin; Esthetician; Creative                      | 2_C08A   | IIC5A  |
| 12.0411 Coiffure and Shaping and Conditioning Hair  | 2_C08A   | IIC5A  |
| 12.0421 Barbering 1   | 2_C08A   | IIC5A  |
| 12.0431 Personal Services Occupations   | 2_C08A   | IIC5A  |
| 12.0511 General Services Occupations 1  | 2_C08A   | IIC5A  |
| 12.0521 Building & Grounds Maintenance Occ 1<br>Home Economics Occupations 1, Exploratory; Home Economics Job | 2_C08A   | IIC5A  |
| 20.0151 Training Exploration<br>Clothing Occupations 1; Fashion Design and Clothing Occupations;              | 2_C08A   | IIC5A  |
| 20.0311 Profitable Sewing 1<br>Housing and Interior Design 1; Homes and Interiors; Home                       | 2_C08A   | IIC5A  |
| 20.0511 Furnishings; Living Environments  | 2_C08A   | IIC5A  |
| 20.0513 Interior Design Occupations; Home Environment Occupations   | 2_C08A   | IIC5A  |
| 20.0571 Home-Service Assisting 1  | 2_C08A   | IIC5A  |
| 20.0611 Custodial Services  | 2_C08A   | IIC5A  |
| 20.0641 Geriatrics 1; Companion to the Aged   | 2_C08A   | IIC5A  |
| 55.6111 Cosmetology/Barber 1  | 2_C08A   | IIC5A  |
| 55.6211 Custodial and Housekeeping Services 1   | 2_C08A   | IIC5A  |
| 55.6411 Miscellaneous Services 1  | 2_C08A   | IIC5A  |
| 55.4221 Clothing and Textiles 2   | 2_C08B   | IIBAB  |
| 12.0112 Dry Cleaning 2<br>Cosmetology 2; Cosmetology, Advanced; Wigology and the                              | 2_C08B   | IIC5B  |
| 12.0412 Professional Business of Cosmetology  | 2_C08B   | IIC5B  |
| 12.0413 Cosmetology 3   | 2_C08B   | IIC5B  |
| 12.0422 Barbering 2   | 2_C08B   | IIC5B  |
| 12.0423 Barbering 3   | 2_C08B   | IIC5B  |
| 12.0512 General Services Occupations 2  | 2_C08B   | IIC5B  |
| 12.0513 General Services Occupations 3  | 2_C08B   | IIC5B  |
| 12.0514 General Services Occupations 4  | 2_C08B   | IIC5B  |
| 12.0522 Building & Grounds Maintenance Occ 2  | 2_C08B   | IIC5B  |
| 12.0523 Building & Grounds Maintenance Occ 3  | 2_C08B   | IIC5B  |
| 20.0152 Home Economics Occupations 2, Exploratory   | 2_C08B   | IIC5B  |
| 20.0312 Clothing Occupations 2; Profitable Sewing 2   | 2_C08B   | IIC5B  |
| 20.0313 Clothing Occupations 3  | 2_C08B   | IIC5B  |
| 20.0512 Housing and Interior Design 2   | 2_C08B   | IIC5B  |
| 20.0572 Home-Service Assisting 2  | 2_C08B   | IIC5B  |
| 20.0642 Geriatrics 2  | 2_C08B   | IIC5B  |
| 55.6121 Cosmetology/Barber 2  | 2_C08B   | IIC5B  |
| 55.6221 Custodial and Housekeeping Services 2   | 2_C08B   | IIC5B  |
| 55.6421 Miscellaneous Services 2  | 2_C08B   | IIC5B  |
| 20.0391 Clothing Production Management  | 2_C08C   | IIC21C |
| 4.0500 Interior Design, Other   | 2_C08C   | IIC5C  |
| 12.0100 Drycleaning and Laundering Services, Other  | 2_C08C   | IIC5C  |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to | From  |
|--|----------|-------|
| 12.0300 Funeral Services, Other  | 2_C08C   | IIC5C |
| 12.0400 Personal Services, Other   | 2_C08C   | IIC5C |
| 12.9900 Consumer, Personal, and Miscellaneous Services, Other<br>Clothing, Apparel, and Textiles Management, Production, and | 2_C08C   | IIC5C |
| 20.0300 Services, Other  | 2_C08C   | IIC5C |
| 20.0321 Clothing Maintenance Aide  | 2_C08C   | IIC5C |
| 20.0331 Commercial Garment and Apparel Construction  | 2_C08C   | IIC5C |
| 20.0341 Custom Apparel Construction  | 2_C08C   | IIC5C |
| 20.0351 Custom Tailoring and Alteration  | 2_C08C   | IIC5C |
| 20.0361 Wedding and Specialty Consulting   | 2_C08C   | IIC5C |
| 20.0371 Fashion and Fabric Coordination  | 2_C08C   | IIC5C |
| 20.0381 Textiles Testing<br>Home Furnishings and Equipment Management, Production, and                                       | 2_C08C   | IIC5C |
| 20.0500 Services, Other  | 2_C08C   | IIC5C |
| 20.0521 Floral Design  | 2_C08C   | IIC5C |
| 20.0531 Home Decorating  | 2_C08C   | IIC5C |
| 20.0541 Home Furnishings Aide  | 2_C08C   | IIC5C |
| 20.0551 Custom Drapery and Window Treatment Design   | 2_C08C   | IIC5C |
| 20.0561 Custom Slipcovering and Upholstering   | 2_C08C   | IIC5C |
| 20.0600 Institutional, Home Management, and Supporting Services, Other   | 2_C08C   | IIC5C |
| 20.0621 Executive Housekeeping   | 2_C08C   | IIC5C |
| 20.0631 Homemaker's Aide; Homemaker's Assistant, Home Managemen  | 2_C08C   | IIC5C |
| 20.0651 Consumer Aide  | 2_C08C   | IIC5C |
| 20.0661 Therapeutic Recreation Aide  | 2_C08C   | IIC5C |
| 20.9900 Vocational Home Economics, Other   | 2_C08C   | IIC5C |
| 55.4511 Home Economics Work Experience 1   | 2_C08D   | IIB3  |
| 55.4521 Home Economics Work Experience 2   | 2_C08D   | IIB3  |
| 55.4411 Home Economics Work Study 1  | 2_C08D   | IIB3  |
| 55.4421 Home Economics Work Study 2  | 2_C08D   | IIB3  |
| 55.6511 Service Occupations Work Study 1   | 2_C08D   | IIB3  |
| 55.6521 Service Occupations Work Study 2   | 2_C08D   | IIB3  |
| 12.0414 Cosmetology - Cooperative Educ. 2 (I?)   | 2_C08D   | IIC5B |
| 12.0415 Cosmetology - Cooperative Educ. 2  | 2_C08D   | IIC5B |
| 20.0193 Home Economics—Cooperative Education 1   | 2_C08D   | IIC5B |
| 20.0194 Home Economics—Cooperative Education 2   | 2_C08D   | IIC5B |
| 20.0314 Clothing Occupations—Cooperative Education 1   | 2_C08D   | IIC5B |
| 20.0315 Clothing Occupations—Cooperative Education 2   | 2_C08D   | IIC5B |
| 20.0573 Home-Service Asst—Cooperative Education 1  | 2_C08D   | IIC5B |
| 20.0574 Home-Service Asst—Cooperative Education 2  | 2_C08D   | IIC5B |
| 20.0643 Geriatrics—Cooperative Education 1   | 2_C08D   | IIC5B |
| 20.0644 Geriatrics—Cooperative Education 2<br>Institutional, Home Management Support Services—Cooperative                    | 2_C08D   | IIC5B |
| 20.0671 Education  | 2_C08D   | IIC5B |
| 55.6611 Service Occupations Work Experience 1  | 2_C08D   | IIC5B |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles  | Moved to | From   |
|--|----------|--------|
| 55.6621 Service Occupations Work Experience 2  | 2_C08D   | IIC5B  |
| 8.0611 Food Marketing/Distribution—Overview  | 2_C09A   | IIC3A  |
| 8.0911 Orientation to Hospitality Careers  | 2_C09A   | IIC3A  |
| 8.0921 Hospitality Sales 1<br>Food Service Training 1; Culinary Arts 1; Commercial Foods, Basic; | 2_C09A   | IIC3A  |
| 20.0411 Restaurant Occupations 1; Chef Class   | 2_C09A   | IIC5A  |
| 55.6311 Food Services 1  | 2_C09A   | IIC5A  |
| 8.0922 Hospitality Sales 2<br>Food Service Training 2; Culinary Arts 2; Commercial Foods,        | 2_C09B   | IIC3B  |
| 20.0412 Advanced; Restaurant Occupations 2   | 2_C09B   | IIC5B  |
| 55.6321 Food Services 2  | 2_C09B   | IIC5B  |
| 6.0711 Hotel and Motel Management  | 2_C09C   | IIC21C |
| 6.0712 Hotel and Motel Training  | 2_C09C   | IIC21C |
| 20.0400 Food Production, Management, and Services, Other   | 2_C09C   | IIC5C  |
| 20.0413 Food Services/Restaurant Management  | 2_C09C   | IIC5C  |
| 20.0431 Baking   | 2_C09C   | IIC5C  |
| 20.0441 Chef   | 2_C09C   | IIC5C  |
| 20.0451 Catering   | 2_C09C   | IIC5C  |
| 20.0471 Food Testing   | 2_C09C   | IIC5C  |
| 12.0200 Entertainment Services, Other  | 2_C09C   | III2   |
| 52.0106 Adaptive Foods EMH   | 2_C09C   | IVB    |
| 20.0421 Food Service Cooperative Training; Food Service, Vocational                              | 2_C09D   | IIC5B  |
| 20.0481 Cafeteria Assistant; School Food Service   | 2_C09D   | IIC5C  |
| 55.4111 Child Development 1<br>Child Care Services; Early Childhood Workshop; Child Development  | 2_C10A   | IIAA   |
| 20.0211 Services; Nursery School Training  | 2_C10A   | IIC5A  |
| 55.4121 Child Development 2  | 2_C10B   | IIAB   |
| 13.0100 Education, Other General   | 2_C10C   | I44D   |
| 13.0200 Bilingual/Bicultural Education, Other  | 2_C10C   | I44D   |
| 13.0300 Curriculum and Instruction, Other  | 2_C10C   | I44D   |
| 13.0400 Education Administration, Other  | 2_C10C   | I44D   |
| 13.0500 Educational Media, Other   | 2_C10C   | I44D   |
| 13.0600 Evaluation and Research, Other   | 2_C10C   | I44D   |
| 13.0700 International and Comparative Education, Other   | 2_C10C   | I44D   |
| 13.0800 School Psychology, Other   | 2_C10C   | I44D   |
| 13.0900 Social Foundations, Other  | 2_C10C   | I44D   |
| 13.1000 Special Education, Other   | 2_C10C   | I44D   |
| 13.1100 Student Counseling and Personnel Services, Other   | 2_C10C   | I44D   |
| 13.1200 Teacher Education, General Programs, Other   | 2_C10C   | I44D   |
| 13.1300 Teacher Education, Specific Subject Areas, Other   | 2_C10C   | I44D   |
| 13.1400 Teaching English as a Second Language/Foreign Language, Other                            | 2_C10C   | I44D   |
| 13.9900 Education, Other   | 2_C10C   | I44D   |
| 25.0100 Library and Archival Sciences, Other General   | 2_C10C   | IIC22C |
| 25.0111 Library Science; Library Skills  | 2_C10C   | IIC22C |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From   |
|---|----------|--------|
| 25.0200 Archival Science, Other   | 2_C10C   | IIC22C |
| 25.0300 Library Assisting, Other  | 2_C10C   | IIC22C |
| 25.0311 Library Assistant; Library Aide   | 2_C10C   | IIC22C |
| 25.0400 Library Science, Other  | 2_C10C   | IIC22C |
| 25.0500 Museology, Other  | 2_C10C   | IIC22C |
| 25.9900 Library and Archival Sciences, Other  | 2_C10C   | IIC22C |
| 20.0126 Current Issues in Child Development   | 2_C10C   | IIC5C  |
| 20.0200 Child Care and Guidance Management and Services, Other                        | 2_C10C   | IIC5C  |
| 20.0221 Child Care Aide   | 2_C10C   | IIC5C  |
| 20.0231 Child Care Management   | 2_C10C   | IIC5C  |
| 20.0241 Family Care Services; Foster Care and Family Care                             | 2_C10C   | IIC5C  |
| 20.0251 Teacher Aide/Elementary   | 2_C10C   | IIC5C  |
| 20.0252 Teacher Aide/Secondary  | 2_C10C   | IIC5C  |
| 20.0261 Child Care—Cooperative Education 1  | 2_C10D   | IIC5B  |
| 20.0262 Child Care—Cooperative Education 2  | 2_C10D   | IIC5B  |
| 24.0141 Gifted and Talented Program   | 3_A1     | I44D   |
| 7.0153 Personal Recordkeeping; Home Finance   | 3_A1     | III1   |
| 7.0613 Speedwriting; Shorthand for College; Notetaking; College Notehand              | 3_A1     | III1   |
| 23.0414 Interpersonal Communication   | 3_A1     | III1   |
| 23.1215 Speed Reading   | 3_A1     | III1   |
| 24.0121 Summer Abroad   | 3_A1     | III1   |
| 24.0131 Independent Study; Beyond Regular Study; Mentorship                           | 3_A1     | III1   |
| <del>32.0101 Home Finance; Recordkeeping, Personal</del>                              | 3_A1     | III1   |
| <del>32.0111 Speed Reading</del>  | 3_A1     | III1   |
| <del>32.0116 Shorthand for College; Speedwriting; Notetaking, College; Notehand</del> | 3_A1     | III1   |
| <del>32.0117 Study Dynamics</del>   | 3_A1     | III1   |
| 32.0211 Study Dynamics  | 3_A1     | III1   |
| 32.0221 Test Taking   | 3_A1     | III1   |
| 43.0221 Fire Safety Education   | 3_A1     | III1   |
| 45.0604 Filing Your Income Taxes; Income Taxes  | 3_A1     | III1   |
| 54.2401 Functional Academics  | 3_A2     | I31A   |
| 54.2409 Functional Academics, not for credit  | 3_A2     | I31A   |
| 54.4501 Functional Social Skills  | 3_A2     | I44A   |
| 54.4509 Functional Social Skills, not for credit                                      | 3_A2     | I44A   |
| 56.3211 Resource Transitional Skills  | 3_A2     | IIB3   |
| 56.3219 Resource Transitional Skills, not for credit                                  | 3_A2     | IIB3   |
| 23.0413 Handwriting; Penmanship   | 3_A2     | III1   |
| 32.0100 Basic Skills, Career and Employment, Other                                    | 3_A2     | III1   |
| 32.0200 not in cssc listing, but 32.02=Basic Skills, General                          | 3_A2     | III1   |
| 32.0201 Resource Room (NON Special Ed)  | 3_A2     | III1   |
| 54.3001 Activities of Daily and Family Living   | 3_A2     | III1   |
| 54.3009 Activities of Daily and Family Living, not for credit                         | 3_A2     | III1   |
| 54.3101 Social/Behavioral Skills  | 3_A2     | III1   |
| 54.3109 Social/Behavioral Skills, not for credit                                      | 3_A2     | III1   |

## Movement of Codes During Revision Process (674 moves)

| CSSC Codes and Titles   | Moved to | From |
|---|----------|------|
| 54.3401 Functional Transition Skills  | 3_A2     | III1 |
| 54.3409 Functional Transition Skills, not for credit  | 3_A2     | III1 |
| 54.9401 Handicapped Developmental Support Services  | 3_A2     | III1 |
| 54.9409 Handicapped Developmental Support Services, not for credit  | 3_A2     | III1 |
| 56.9001 General Tutorial Services   | 3_A2     | III1 |
| 56.9009 General Tutorial Services, not for credit   | 3_A2     | III1 |
| 56.9101 Resource Study Skills   | 3_A2     | III1 |
| 56.9109 Resource Study Skills, not for credit   | 3_A2     | III1 |
| 56.9201 School and Social Survival Skills   | 3_A2     | III1 |
| 56.9209 School and Social Survival Skills, not for credit   | 3_A2     | III1 |
| 56.9301 Resource Survival Skills  | 3_A2     | III1 |
| 56.9309 Resource Survival Skills, not for credit  | 3_A2     | III1 |
| 56.9401 Handicap Specific Support Services  | 3_A2     | III1 |
| 56.9409 Handicap Specific Support Services, not for credit  | 3_A2     | III1 |
| 33.0100 Citizenship/Civic Activities, Other<br>Teacher Assistant; Instructional Assistant; Teacher Cadet; Student<br>Assistant; School Service; Laboratory Assistant; Clerical Aide; Office | 3_A3     | III1 |
| 33.0111 Aide  | 3_A3     | III1 |
| 33.0131 Student Government; Assembly  | 3_A3     | III1 |
| 33.0141 Peer Tutoring; Tutoring (providing, not receiving)  | 3_A3     | III1 |
| 33.0151 Community Service; Community Involvement  | 3_A3     | III1 |
| 35.0131 Peer Counseling   | 3_A3     | III2 |
| 52.0109 Adaptive Health Education   | 3_B      | IVA  |
| 52.0108 Adaptive Drivers Education EMH  | 3_B      | IVC  |
| 30.0200 Clinical Pastoral Care, Other   | 3_C      | I44D |

### **Listing of NCES Working Papers to Date**

Please contact Angela Miles at (202) 219-1761 ([angela\\_miles@ed.gov](mailto:angela_miles@ed.gov)) if you are interested in any of the following papers

| <u>Number</u> | <u>Title</u>   | <u>Contact</u> |
|---------------|--|----------------|
| 94-01 (July)  | Schools and Staffing Survey (SASS) Papers Presented at Meetings of the American Statistical Association  | Dan Kasprzyk   |
| 94-02 (July)  | Generalized Variance Estimate for Schools and Staffing Survey (SASS)   | Dan Kasprzyk   |
| 94-03 (July)  | 1991 Schools and Staffing Survey (SASS) Reinterview Response Variance Report   | Dan Kasprzyk   |
| 94-04 (July)  | The Accuracy of Teachers' Self-reports on their Postsecondary Education: Teacher Transcript Study, Schools and Staffing Survey                 | Dan Kasprzyk   |
| 94-05 (July)  | Cost-of-Education Differentials Across the States  | William Fowler |
| 94-06 (July)  | Six Papers on Teachers from the 1990-91 Schools and Staffing Survey and Other Related Surveys  | Dan Kasprzyk   |
| 94-07 (Nov.)  | Data Comparability and Public Policy: New Interest in Public Library Data Papers Presented at Meetings of the American Statistical Association | Carrol Kindel  |
| 95-01 (Jan.)  | Schools and Staffing Survey: 1994 Papers Presented at the 1994 Meeting of the American Statistical Association                                 | Dan Kasprzyk   |
| 95-02 (Jan.)  | QED Estimates of the 1990-91 Schools and Staffing Survey: Deriving and Comparing QED School Estimates with CCD Estimates                       | Dan Kasprzyk   |
| 95-03 (Jan.)  | Schools and Staffing Survey: 1990-91 SASS Cross-Questionnaire Analysis   | Dan Kasprzyk   |
| 95-04 (Jan.)  | National Education Longitudinal Study of 1988: Second Follow-up Questionnaire Content Areas and Research Issues                                | Jeffrey Owings |
| 95-05 (Jan.)  | National Education Longitudinal Study of 1988: Conducting Trend Analyses of NLS-72, HS&B, and NELS:88 Seniors                                  | Jeffrey Owings |

### Listing of NCES Working Papers to Date--Continued

| <u>Number</u> | <u>Title</u>  | <u>Contact</u>                 |
|---------------|---|--------------------------------|
| 95-06 (Jan.)  | National Education Longitudinal Study of 1988:<br>Conducting Cross-Cohort Comparisons Using HS&B,<br>NAEP, and NELS:88 Academic Transcript Data | Jeffrey Owings                 |
| 95-07 (Jan.)  | National Education Longitudinal Study of 1988:<br>Conducting Trend Analyses HS&B and NELS:88<br>Sophomore Cohort Dropouts                       | Jeffrey Owings                 |
| 95-08 (Feb.)  | CCD Adjustment to the 1990-91 SASS: A<br>Comparison of Estimates  | Dan Kasprzyk                   |
| 95-09 (Feb.)  | The Results of the 1993 Teacher List Validation Study<br>(TLVS)   | Dan Kasprzyk                   |
| 95-10 (Feb.)  | The Results of the 1991-92 Teacher Follow-up Survey<br>(TFS) Reinterview and Extensive Reconciliation   | Dan Kasprzyk                   |
| 95-11 (Mar.)  | Measuring Instruction, Curriculum Content, and<br>Instructional Resources: The Status of Recent Work  | Sharon Bobbitt &<br>John Ralph |
| 95-12 (Mar.)  | Rural Education Data User's Guide   | Samuel Peng                    |
| 95-13 (Mar.)  | Assessing Students with Disabilities and Limited<br>English Proficiency   | James Houser                   |
| 95-14 (Mar.)  | Empirical Evaluation of Social, Psychological, &<br>Educational Construct Variables Used in NCES<br>Surveys                                     | Samuel Peng                    |
| 95-15 (Apr.)  | Classroom Instructional Processes: A Review of<br>Existing Measurement Approaches and Their<br>Applicability for the Teacher Follow-up Survey   | Sharon Bobbitt                 |
| 95-16 (Apr.)  | Intersurvey Consistency in NCES Private School<br>Surveys   | Steven Kaufman                 |
| 95-17 (May)   | Estimates of Expenditures for Private K-12 Schools  | Stephen<br>Broughman           |
| 95-18 (Nov.)  | An Agenda for Research on Teachers and Schools:<br>Revisiting NCES' Schools and Staffing Survey   | Dan Kasprzyk                   |
| 96-01 (Jan.)  | Methodological Issues in the Study of Teachers'<br>Careers: Critical Features of a Truly Longitudinal<br>Study                                  | Dan Kasprzyk                   |

### Listing of NCES Working Papers to Date--Continued

| <u>Number</u> | <u>Title</u>  | <u>Contact</u> |
|---------------|---|----------------|
| 96-02 (Feb.)  | Schools and Staffing Survey (SASS): 1995 Selected papers presented at the 1995 Meeting of the American Statistical Association                      | Dan Kasprzyk   |
| 96-03 (Feb.)  | National Education Longitudinal Study of 1988 (NELS:88) Research Framework and Issues   | Jeffrey Owings |
| 96-04 (Feb.)  | Census Mapping Project/School District Data Book  | Tai Phan       |
| 96-05 (Feb.)  | Cognitive Research on the Teacher Listing Form for the Schools and Staffing Survey  | Dan Kasprzyk   |
| 96-06 (Mar.)  | The Schools and Staffing Survey (SASS) for 1998-99: Design Recommendations to Inform Broad Education Policy   | Dan Kasprzyk   |
| 96-07 (Mar.)  | Should SASS Measure Instructional Processes and Teacher Effectiveness?  | Dan Kasprzyk   |
| 96-08 (Apr.)  | How Accurate are Teacher Judgments of Students' Academic Performance?   | Jerry West     |
| 96-09 (Apr.)  | Making Data Relevant for Policy Discussions: Redesigning the School Administrator Questionnaire for the 1998-99 SASS                                | Dan Kasprzyk   |
| 96-10 (Apr.)  | 1998-99 Schools and Staffing Survey: Issues Related to Survey Depth   | Dan Kasprzyk   |
| 96-11 (June)  | Towards an Organizational Database on America's Schools: A Proposal for the Future of SASS, with comments on School Reform, Governance, and Finance | Dan Kasprzyk   |
| 96-12 (June)  | Predictors of Retention, Transfer, and Attrition of Special and General Education Teachers: Data from the 1989 Teacher Followup Survey              | Dan Kasprzyk   |
| 96-13 (June)  | Estimation of Response Bias in the NHES:95 Adult Education Survey   | Steven Kaufman |
| 96-14 (June)  | The 1995 National Household Education Survey: Reinterview Results for the Adult Education Component   | Steven Kaufman |

### Listing of NCES Working Papers to Date--Continued

| <u>Number</u> | <u>Title</u>  | <u>Contact</u>    |
|---------------|---|-------------------|
| 96-15 (June)  | Nested Structures: District-Level Data in the Schools and Staffing Survey   | Dan Kasprzyk      |
| 96-16 (June)  | Strategies for Collecting Finance Data from Private Schools   | Stephen Broughman |
| 96-17 (July)  | National Postsecondary Student Aid Study: 1996 Field Test Methodology Report  | Andrew G. Malizio |
| 96-18 (Aug.)  | Assessment of Social Competence, Adaptive Behaviors, and Approaches to Learning with Young Children                                     | Jerry West        |
| 96-19 (Oct.)  | Assessment and Analysis of School-Level Expenditures  | William Fowler    |
| 96-20 (Oct.)  | 1991 National Household Education Survey (NHES:91) Questionnaires: Screener, Early Childhood Education, and Adult Education             | Kathryn Chandler  |
| 96-21 (Oct.)  | 1993 National Household Education Survey (NHES:93) Questionnaires: Screener, School Readiness, and School Safety and Discipline         | Kathryn Chandler  |
| 96-22 (Oct.)  | 1995 National Household Education Survey (NHES:95) Questionnaires: Screener, Early Childhood Program Participation, and Adult Education | Kathryn Chandler  |
| 96-23 (Oct.)  | Linking Student Data to SASS: Why, When, How  | Dan Kasprzyk      |
| 96-24 (Oct.)  | National Assessments of Teacher Quality   | Dan Kasprzyk      |
| 96-25 (Oct.)  | Measures of Inservice Professional Development: Suggested Items for the 1998-1999 Schools and Staffing Survey                           | Dan Kasprzyk      |
| 96-26 (Nov.)  | Improving the Coverage of Private Elementary-Secondary Schools  | Steven Kaufman    |
| 96-27 (Nov.)  | Intersurvey Consistency in NCES Private School Surveys for 1993-94  | Steven Kaufman    |

### Listing of NCES Working Papers to Date--Continued

| <u>Number</u> | <u>Title</u>   | <u>Contact</u>    |
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| 96-28 (Nov.)  | Student Learning, Teaching Quality, and Professional Development: Theoretical Linkages, Current Measurement, and Recommendations for Future Data Collection      | Mary Rollefson    |
| 96-29 (Nov.)  | Undercoverage Bias in Estimates of Characteristics of Adults and 0- to 2-Year-Olds in the 1995 National Household Education Survey (NHES:95)                     | Kathryn Chandler  |
| 96-30 (Dec.)  | Comparison of Estimates from the 1995 National Household Education Survey (NHES:95)  | Kathryn Chandler  |
| 97-01 (Feb.)  | Selected Papers on Education Surveys: Papers Presented at the 1996 Meeting of the American Statistical Association   | Dan Kasprzyk      |
| 97-02 (Feb.)  | Telephone Coverage Bias and Recorded Interviews in the 1993 National Household Education Survey (NHES:93)  | Kathryn Chandler  |
| 97-03 (Feb.)  | 1991 and 1995 National Household Education Survey Questionnaires: NHES:91 Screener, NHES:91 Adult Education, NHES:95 Basic Screener, and NHES:95 Adult Education | Kathryn Chandler  |
| 97-04 (Feb.)  | Design, Data Collection, Monitoring, Interview Administration Time, and Data Editing in the 1993 National Household Education Survey (NHES:93)                   | Kathryn Chandler  |
| 97-05 (Feb.)  | Unit and Item Response, Weighting, and Imputation Procedures in the 1993 National Household Education Survey (NHES:93)   | Kathryn Chandler  |
| 97-06 (Feb.)  | Unit and Item Response, Weighting, and Imputation Procedures in the 1995 National Household Education Survey (NHES:95)   | Kathryn Chandler  |
| 97-07 (Mar.)  | The Determinants of Per-Pupil Expenditures in Private Elementary and Secondary Schools: An Exploratory Analysis  | Stephen Broughman |
| 97-08 (Mar.)  | Design, Data Collection, Interview Timing, and Data Editing in the 1995 National Household Education Survey  | Kathryn Chandler  |

### Listing of NCES Working Papers to Date--Continued

| <u>Number</u> | <u>Title</u>   | <u>Contact</u>       |
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| 97-09 (Apr.)  | Status of Data on Crime and Violence in Schools:<br>Final Report   | Lee Hoffman          |
| 97-10 (Apr.)  | Report of Cognitive Research on the Public and<br>Private School Teacher Questionnaires for the Schools<br>and Staffing Survey 1993-94 School Year | Dan Kasprzyk         |
| 97-11 (Apr.)  | International Comparisons of Inservice Professional<br>Development   | Dan Kasprzyk         |
| 97-12 (Apr.)  | Measuring School Reform: Recommendations for<br>Future SASS Data Collection  | Mary Rollefson       |
| 97-13 (Apr.)  | Improving Data Quality in NCES: Database-to-Report<br>Process  | Susan Ahmed          |
| 97-14 (Apr.)  | Optimal Choice of Periodicities for the Schools and<br>Staffing Survey: Modeling and Analysis  | Steven Kaufman       |
| 97-15 (May)   | Customer Service Survey: Common Core of Data<br>Coordinators   | Lee Hoffman          |
| 97-16 (May)   | International Education Expenditure Comparability<br>Study: Final Report, Volume I   | Shelley Burns        |
| 97-17 (May)   | International Education Expenditure Comparability<br>Study: Final Report, Volume II, Quantitative Analysis<br>of Expenditure Comparability         | Shelley Burns        |
| 97-18 (June)  | Improving the Mail Return Rates of SASS Surveys: A<br>Review of the Literature   | Steven Kaufman       |
| 97-19 (June)  | National Household Education Survey of 1995: Adult<br>Education Course Coding Manual   | Peter Stowe          |
| 97-20 (June)  | National Household Education Survey of 1995: Adult<br>Education Course Code Merge Files User's Guide   | Peter Stowe          |
| 97-21 (June)  | Statistics for Policymakers or Everything You Wanted<br>to Know About Statistics But Thought You Could<br>Never Understand                         | Susan Ahmed          |
| 97-22 (July)  | Collection of Private School Finance Data:<br>Development of a Questionnaire   | Stephen<br>Broughman |

### Listing of NCES Working Papers to Date--Continued

| <u>Number</u> | <u>Title</u>  | <u>Contact</u>   |
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| 97-23 (July)  | Further Cognitive Research on the Schools and Staffing Survey (SASS) Teacher Listing Form   | Dan Kasprzyk     |
| 97-24 (Aug.)  | Formulating a Design for the ECLS: A Review of Longitudinal Studies   | Jerry West       |
| 97-25 (Aug.)  | 1996 National Household Education Survey (NHES:96) Questionnaires: Screener/Household and Library, Parent and Family Involvement in Education and Civic Involvement, Youth Civic Involvement, and Adult Civic Involvement | Kathryn Chandler |
| 97-26 (Oct.)  | Strategies for Improving Accuracy of Postsecondary Faculty Lists  | Linda Zimble     |
| 97-27 (Oct.)  | Pilot Test of IPEDS Finance Survey  | Peter Stowe      |
| 97-28 (Oct.)  | Comparison of Estimates in the 1996 National Household Education Survey   | Kathryn Chandler |
| 97-29 (Oct.)  | Can State Assessment Data be Used to Reduce State NAEP Sample Sizes?  | Steven Gorman    |
| 97-30 (Oct.)  | ACT's NAEP Redesign Project: Assessment Design is the Key to Useful and Stable Assessment Results   | Steven Gorman    |
| 97-31 (Oct.)  | NAEP Reconfigured: An Integrated Redesign of the National Assessment of Educational Progress  | Steven Gorman    |
| 97-32 (Oct.)  | Innovative Solutions to Intractable Large Scale Assessment (Problem 2: Background Questionnaires)   | Steven Gorman    |
| 97-33 (Oct.)  | Adult Literacy: An International Perspective  | Marilyn Binkley  |
| 97-34 (Oct.)  | Comparison of Estimates from the 1993 National Household Education Survey   | Kathryn Chandler |
| 97-35 (Oct.)  | Design, Data Collection, Interview Administration Time, and Data Editing in the 1996 National Household Education Survey  | Kathryn Chandler |
| 97-36 (Oct.)  | Measuring the Quality of Program Environments in Head Start and Other Early Childhood Programs: A Review and Recommendations for Future Research  | Jerry West       |

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| <u>Number</u>        | <u>Title</u>  | <u>Contact</u>         |
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| 97-37 (Nov.)         | Optimal Rating Procedures and Methodology for NAEP Open-ended Items   | Steven Gorman          |
| 97-38 (Nov.)         | Reinterview Results for the Parent and Youth Components of the 1996 National Household Education Survey   | Kathryn Chandler       |
| 97-39 (Nov.)         | Undercoverage Bias in Estimates of Characteristics of Households and Adults in the 1996 National Household Education Survey                                 | Kathryn Chandler       |
| 97-40 (Nov.)         | Unit and Item Response Rates, Weighting, and Imputation Procedures in the 1996 National Household Education Survey  | Kathryn Chandler       |
| 97-41 (Dec.)         | Selected Papers on the Schools and Staffing Survey: Papers Presented at the 1997 Meeting of the American Statistical Association                            | Steve Kaufman          |
| 97-42<br>(Jan. 1998) | Improving the Measurement of Staffing Resources at the School Level: The Development of Recommendations for NCES for the Schools and Staffing Survey (SASS) | Mary Rollefson         |
| 97-43 (Dec.)         | Measuring Inflation in Public School Costs  | William J. Fowler, Jr. |
| 97-44 (Dec.)         | Development of a SASS 1993-94 School-Level Student Achievement Subfile: Using State Assessments and State NAEP, Feasibility Study                           | Michael Ross           |
| 98-01 (Jan.)         | Collection of Public School Expenditure Data: Development of a Questionnaire  | Stephen Broughman      |
| 98-02 (Jan.)         | Response Variance in the 1993-94 Schools and Staffing Survey: A Reinterview Report  | Steven Kaufman         |
| 98-03 (Feb.)         | Adult Education in the 1990s: A Report on the 1991 National Household Education Survey  | Peter Stowe            |
| 98-04 (Feb.)         | Geographic Variations in Public Schools' Costs  | William J. Fowler, Jr. |

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| <u>Number</u> | <u>Title</u>   | <u>Contact</u>    |
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| 98-05 (Mar.)  | SASS Documentation: 1993-94 SASS Student Sampling Problems; Solutions for Determining the Numerators for the SASS Private School (3B) Second-Stage Factors                                       | Steven Kaufman    |
| 98-06 (May)   | National Education Longitudinal Study of 1988 (NELS:88) Base Year through Second Follow-Up: Final Methodology Report   | Ralph Lee         |
| 98-07 (May)   | Decennial Census School District Project Planning Report   | Tai Phan          |
| 98-08 (July)  | The Redesign of the Schools and Staffing Survey for 1999-2000: A Position Paper  | Dan Kasprzyk      |
| 98-09 (Aug.)  | High School Curriculum Structure: Effects on Coursetaking and Achievement in Mathematics for High School Graduates—An Examination of Data from the National Education Longitudinal Study of 1988 | Jeffrey Owings    |
| 98-10 (Aug.)  | Adult Education Participation Decisions and Barriers: Review of Conceptual Frameworks and Empirical Studies  | Peter Stowe       |
| 98-11 (Aug.)  | Beginning Postsecondary Students Longitudinal Study First Follow-up (BPS:96-98) Field Test Report  | Aurora D'Amico    |
| 98-12 (Oct.)  | A Bootstrap Variance Estimator for Systematic PPS Sampling   | Steven Kaufman    |
| 98-13 (Oct.)  | Response Variance in the 1994-95 Teacher Follow-up Survey  | Steven Kaufman    |
| 98-14 (Oct.)  | Variance Estimation of Imputed Survey Data   | Steven Kaufman    |
| 98-15 (Oct.)  | Development of a Prototype System for Accessing Linked NCES Data   | Steven Kaufman    |
| 98-16 (Dec.)  | A Feasibility Study of Longitudinal Design for Schools and Staffing Survey   | Stephen Broughman |
| 98-17 (Dec.)  | Developing the National Assessment of Adult Literacy: Recommendations from Stakeholders  | Sheida White      |

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| 1999-01<br>(Jan.) | A Birth Cohort Study: Conceptual and Design Considerations and Rationale                                       | Jerry West     |
| 1999-02<br>(Feb.) | Tracking Secondary Use of the Schools and Staffing Survey Data: Preliminary Results                            | Dan Kasprzyk   |
| 1999-03<br>(Feb.) | Evaluation of the 1996-97 Nonfiscal Common Core of Data Surveys Data Collection, Processing, and Editing Cycle | Beth Young     |
| 1999-04<br>(Feb.) | Measuring Teacher Qualifications   | Dan Kasprzyk   |
| 1999-05<br>(Mar.) | Procedures Guide for Transcript Studies  | Dawn Nelson    |
| 1999-06<br>(Mar.) | 1998 Revision of the Secondary School Taxonomy   | Dawn Nelson    |