

**Illinois State Board of Education  
Prior to Secondary Course Catalog**



Illinois State Board of Education

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## Table of Contents

Foreword .....	3
Introduction .....	3
Developing a System for Classifying Prior-to-Secondary Courses .....	3
Change History .....	6
Prior-to-Secondary Course Coding Course Listing .....	7
Subject Area - 51 English Language and Literature (prior-to-secondary) .....	8
Subject Area - 52 Mathematics (prior-to-secondary) .....	13
Subject Area - 53 Life and Physical Sciences (prior-to-secondary) .....	18
Subject Area - 54 Social Sciences and History (prior-to-secondary) .....	22
Subject Area - 55 Fine and Performing Arts (prior-to-secondary) .....	27
Subject Area - 56 Foreign Language and Literature (prior-to-secondary) .....	37
Subject Area - 57 Religious Education and Theology (prior-to-secondary) .....	44
Subject Area - 58 Physical/ Health/ and Safety Education (prior-to-secondary) .....	44
Subject Area - 60 Computer and Information Sciences (prior-to-secondary) .....	48
Subject Area - 61 Communications and Audio/Video Technology (prior-to-secondary) .....	50
Subject Area - 62 Business and Marketing (prior-to-secondary) .....	53
Subject Area - 63 Manufacturing (prior-to-secondary) .....	55
Subject Area - 64 Health Care Sciences (prior-to-secondary) .....	56
Subject Area - 65 Public/ Protective/ and Government Service (prior-to-secondary) .....	57
Subject Area – 68 Agriculture/ Food/ and Natural Resources (prior-to-secondary) .....	60
Subject Area - 70 Transportation/Distribution/and Logistics (prior-to-secondary) .....	62
Subject Area - 71 Engineering and Technology (prior-to-secondary) .....	63
Subject Area - 72 Academic Enrichment .....	66
Subject Area - 73 Non-subject Specific (prior-to-secondary) .....	73

## Foreword

*The Illinois Prior-to-Secondary Course Catalog (ISCC)* outlines a coding system and course descriptions for prior to secondary education. The catalog is intended to help schools and education agencies collect and maintain longitudinal information about students' coursework in an efficient, standardized format that facilitates the exchange of records as students transfer from one school to another, or to secondary education.

Illinois developed the ISCC based upon the work of the *Prior-to-Secondary School Course Classification System: School Codes for the Exchange of Data (SCED)* developed by the National Center for Education Statistics (NCES).

The work of Illinois schools with the ISCC provides for the routine collection of information to help the education system function efficiently and effectively. Standardized data available to education agency officials can:

- assist in the development of sound educational policies at all levels;
- improve the quality of instruction and boost student achievement;
- help compare information among communities and among states;
- improve the accuracy and timeliness of nationwide summaries of information about education systems;
- improve the quality and significance of education research—locally, statewide, and nationwide; and
- enhance reporting to the public about the condition and progress of education.

The Illinois State Board of Education (ISBE) acknowledges the significant contributions of the SCED in its development of the Illinois Prior-to-Secondary Course Catalog.

## Introduction

### Developing a System for Classifying Prior-to-Secondary Courses

In the summer of 2003, the National Center for Education Statistics (NCES) initiated work to develop a common classification system for prior-to-secondary school courses in the United States. The resulting *Prior-to-Secondary School Course Classification System: School Codes for Exchange of Data (SCED)* is the foundation work for the *Illinois Prior-to-Secondary Course Catalog (ISCC)*. The primary purpose of the ISCC system is to make it easier for school districts and states to maintain longitudinal student records electronically, and to transmit course taking information from one student information system to another, from one school district to another, and from a school district to ISBE. As substantial numbers of states and entities adopt coding systems, it will produce a secondary benefit: standardized course information for those who evaluate transcripts for secondary and postsecondary admission or research purposes.

More specifically, a common classification system for prior-to-secondary school courses would achieve the following:

- enable comparison of course offerings among districts and states;
- facilitate the use of electronic student transcripts;
- support longitudinal student information systems;
- encourage interoperability of student information and other data management systems by providing a standard for education software designers and vendors;
- reduce the cost and burden of transcript studies; and
- encourage the use of course taking information in research and evaluation of student outcomes.

### ***Illinois Longitudinal Data System***

The Illinois Longitudinal Data System, including The Transcript Coding Project, is also designed to meet the following needs:

- implement all of the America COMPETES Act elements; • support a broad array of state and LEA education functions; and,
- collect PK-20 individual student data.

### ***The Illinois Prior-to-Secondary Course Catalog (ISCC)***

The ISCC has been developed between in response to the requirements of Illinois legislative action and the Illinois Longitudinal Data System. It provides a listing of over 1,400 Illinois high school course codes.

### ***Use and Users of the ISCC Classification System***

*Uses within the education system* - A common course classification system assists states developing statewide longitudinal data systems to meet the reporting requirements of local and state mandates, as well as those of No Child Left Behind. Without a statewide course classification system, it can be very burdensome to collect and interpret information from school districts about student course taking and the qualifications of teachers responsible for those courses.

Once fully developed, a course classification system can be of benefit when a secondary student transfers from one district to another. Currently, a transferring student's course history must be reviewed meticulously to determine if the courses named on a transcript are the same as, or acceptably similar to, courses offered in the new district. The effort of these painstaking reviews is multiplied when many students transfer into a single school.

A major objective of the ISCC is to provide common course descriptions that enable school counselors to compare courses more easily when reviewing the transcript of a transferring student. A common system for describing courses saves the counselor's time and ensures that the student is placed in appropriate classes without delay.

Postsecondary institutions need information about students and their coursework, typically to determine students' eligibility for enrollment, financial assistance, and eventual placement. For example, the National Collegiate Athletic Association (NCAA) uses secondary course information to determine a student's eligibility for postsecondary athletic programs. A completed Longitudinal Data System, with appropriate privacy law safeguards built into it, can provide common transcript information to help postsecondary institutions and organizations fairly evaluate the course taking patterns of any high school student.

*Involvement of the education software community* - "Interoperability" in data management systems means that information can be transferred from one system to others with no effort on the part of a user. In a school district, for example, interoperable software applications would ensure that when the name and address of a new student are entered into the system once, the information also appears in the district's library, class assignment, transportation, food service, student information management, and other relevant systems. ISCC provides a standard course coding framework for vendors of school information systems who are working toward interoperability. As vendors become aware of the ISCC, the course coding structure and definitions can be included in student information systems or used to form a common "crosswalk" from one system to another.

*Facilitating the research use of transcript data* - Researchers and policymakers represent another important use of course-related information. Education researchers typically want to identify trends in course taking and in students' access to educational experiences, examine links between practice and desired outcomes, and analyze differences between subsets of students. Data about courses are combined with information about the students and their teachers, schools, parents, and communities in a number of ways.

Illinois, like many other states, is developing a longitudinal student data system in order to measure the added value of education to students as they move through the education pipeline. Information about the courses that students take, and their performance in these courses, is vital to understanding the effects of education—but almost impossible to measure without a standard system for describing courses. The ISCC provides comparability for that effort and can greatly reduce the time it takes to review course information.

## Change History

Date	Change
11/22/2011	Creation
12/13/2013	Added State Course Codes 64001A001(Medical Detectives (PLTW GTT)) and 71004A003 (Green Architecture (PLTW GTT))
07/13/2014	Added Subject Area 73 – Non-subject Specific (prior-to-secondary)
06/07/2017	Added Pre-Kindergarten Courses to Subject Area 73 – Non Subject Specific (Prior-to-Secondary)
10/04/2017	Removed Early Childhood and Pre – Kindergarten courses.
05/03/2018	Refreshed course listings (pulled from database).

## Prior-to-Secondary Course Coding Course Listing

Exhibit 2 presents the School Codes for the Exchange of Data (SCED) Subject Area names and codes (the first two digits of the Course Description element). For each Subject Area, the first column of presents the assigned code for prior-to-secondary coursework and the last column presents the assigned code for secondary coursework.

Exhibit 2. Subject Areas and Codes in the SCED		
Subject Area	Code for Prior-toSecondary Courses	Code for Secondary Courses <sup>1</sup>
English Language and Literature	51	01

Mathematics	52	02
Life and Physical Sciences	53	03
Social Sciences and History	54	04
Fine and Performing Arts	55	05
Foreign Language and Literature	56	06
Religious Education and Theology	57	07
Physical, Health, and Safety Education	58	08
Military Science	59	09
Computer and Information Sciences	60	10
Communications and Audio/Visual Technology	61	11
Business and Marketing	62	12
Manufacturing	63	13
Health Care Sciences	64	14
Public, Protective, and Government Services	65	15
Hospitality and Tourism	66	16
Architecture and Construction	67	17
Agriculture, Food, and Natural Resources	68	18
Human Services	69	19
Transportation, Distribution, and Logistics	70	20
Engineering and Technology	71	21
Miscellaneous	72	22
Non-subject Specific (prior-to-secondary)	73	--

1 The taxonomy for assigning standard codes to secondary school courses is contained in Secondary School Course Classification System: School Codes for the Exchange of Data (SCED), available at <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid2007341>. 2 No code for Military Science is used at the prior-to-secondary level.

The following sections provide the codes, titles, and descriptions for prior-to-secondary courses within the SCED, please refer to the prior-to-Secondary School Course Classification System: School Codes for the Exchange of Data (SCED). Appendix A provides a list of all prior-to-secondary courses within each subject area. Appendix B provides information about states' use of prior-to-secondary course codes.

### **Subject Area - 51 English Language and Literature (prior-to-secondary)**

#### **Comprehensive Language Arts**

##### **51028A000 - Language Arts (kindergarten)**

Language Arts (kindergarten) courses engage students in activities to develop their language arts skills (reading, writing, listening, and speaking). Course content may emphasize storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten.

**51029A000 - Language Arts (grade 1)**

Language Arts (grade 1) courses include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize recognition of and response to various types of text, extension of vocabulary and writing skills, and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1.

**51030A000 - Language Arts (grade 2)**

Language Arts (grade 2) courses include the four aspects of language use: reading, writing, speaking, and listening. These courses may build students' skills in independent reading and writing by increasing reading and writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar. Specific content depends upon state standards for grade 2.

**51031A000 - Language Arts (grade 3)**

Language Arts (grade 3) courses include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize independent reading and writing in a variety of assignments. Some emphasis may also be placed on presentation or oral communication skills. Specific content depends upon state standards for grade 3.

**51032A000 - Language Arts (grade 4)**

Language Arts (grade 4) courses include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize independent reading and writing in a variety of assignments and require students to respond to different material in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state standards for grade 4.

**51033A000 - Language Arts (grade 5)**

Language Arts (grade 5) courses include the four aspects of language use: reading, writing, speaking, and listening. These courses may extend students' skills in composition, writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5.

**51034A000 - Language Arts (grade 6)**

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

**51035A000 - Language Arts (grade 7)**

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

**51036A000 - Language Arts (grade 8)**

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening.

Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

**51037A000 - Language Arts (Non grade-specific)**

Code 51037, representing Language Arts courses that are not grade differentiated, should only be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Language Arts, early childhood education through grade 8) do not fit the courses offered.

#### **51007A000 - IB Language A (English), Middle Years Program                      IB Course**

International Baccalaureate (IB) Language A (English), Middle Years Program courses include instruction in the instrumental function of a language, emphasizing skills in listening, viewing, speaking, reading, and writing, as well as literature encompassing a variety of periods and genres.

#### **51008A000 - English as a Second Language**

English as a Second Language (ESL) courses are designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide a foundation of the basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles, to succeed in content classrooms, and to move into "regular" English courses. ESL courses may also include an orientation to the customs and culture of the diverse population in the United States.

#### **51009A000 - Language Arts Laboratory**

Language Arts Laboratory courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

### **Literature/Reading**

#### **51040A000 - Reading (kindergarten)**

Reading (kindergarten) courses engage students in activities to develop their reading skills. Course content may emphasize storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten.

#### **51041A000 - Reading (grade 1)**

Reading (grade 1) courses focus on reading skills and may emphasize recognition of and response to various types of text; extension of vocabulary; and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1.

#### **51042A000 - Reading (grade 2)**

Reading (grade 2) courses focus on reading skills and may build students' skills in independent reading by increasing reading fluency, vocabulary, and recognition of word and language patterns. Specific content depends upon state standards for grade 2.

#### **51043A000 - Reading (grade 3)**

Reading (grade 3) courses focus on reading skills and may emphasize independent reading in a variety of assignments. Some emphasis may also be placed on presentation skills. Specific content depends upon state standards for grade 3.

#### **51044A000 - Reading (grade 4)**

Reading (grade 4) courses focus on reading skills and may emphasize independent reading in a variety of assignments and require students to respond to different material in different ways. Specific content depends upon state standards for grade 4.

#### **51045A000 - Reading (grade 5)**

Reading (grade 5) courses focus on reading skills and may extend students' skills in distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5.

#### **51046A000 - Reading (grade 6)**

Reading (grade 6) courses build upon students' prior knowledge and skill in reading and may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

#### **51047A000 - Reading (grade 7)**

Reading (grade 7) courses build upon students' prior knowledge and skill in reading and may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 7.

#### **51048A000 - Reading (grade 8)**

Reading (grade 8) courses build upon students' prior knowledge and skill in reading. Typically, these courses use various genres of literature to improve reading skills, and link exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

#### **51049A000 - Reading (Non grade-specific)**

Code 51049, representing Reading courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Reading, early childhood education through grade 8) do not fit the courses offered.

#### **51053A000 - Literature**

Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.

#### **51066A000 - Strategic Reading**

Strategic Reading courses are intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although these courses typically emphasize works of fiction, they may also include works of nonfiction (including textbooks). Strategic Reading courses often have a time-management focus, offering strategies for note taking or for understanding and evaluating the important points of a text.

#### **51067A000 - Assisted Reading**

Assisted Reading courses offer students the opportunity to focus on their reading skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading comprehension up to the desired level or to develop strategies to read more efficiently.

#### **51068A000 - Corrective Reading**

Corrective Reading courses offer diagnostic and remedial activities designed to correct reading difficulties and habits that interfere with students' progress in developing reading skills and understandings. Activities are chosen to increase or improve students' reading comprehension, reading technique, and general literacy skills.

#### **51097A000 - Literature – Independent Study**

Courses in Literature-Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to literature. Independent Study courses may serve as an opportunity for students to expand

their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **51099A000 - Literature – Other**

### **Composition/Writing**

#### **51130A000 - Writing (kindergarten)**

Writing (kindergarten) courses engage students in activities to develop their writing skills. Course content may emphasize storytelling or personal expression. Specific content depends upon state standards for kindergarten.

#### **51131A000 - Writing (grade 1)**

Writing (grade 1) courses focus on writing skills and may emphasize recognition and creation of various types of text; extension of vocabulary and writing skills; and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1.

#### **51132A000 - Writing (grade 2)**

Writing (grade 2) courses focus on writing skills and may build students' skills in independent writing by increasing writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar and spelling. Specific content depends upon state standards for grade 2.

#### **51133A000 - Writing (grade 3)**

Writing (grade 3) courses focus on writing skills and may emphasize independent writing in a variety of assignments. Some emphasis may also be placed on presentation skills. Specific content depends upon state standards for grade 3.

#### **51134A000 - Writing (grade 4)**

Writing (grade 4) courses focus on writing skills and may emphasize independent writing in a variety of assignments and require students to respond to different materials in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state standards for grade 4.

#### **51135A000 - Writing (grade 5)**

Writing (grade 5) courses focus on writing skills and may extend students' skills in writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in writing. Specific content depends upon state standards for grade 5.

#### **51136A000 - Writing (grade 6)**

Writing (grade 6) courses build upon students' prior knowledge and skill in writing and may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

#### **51137A000 - Writing (grade 7)**

Writing (grade 7) courses build upon students' prior knowledge and skill in writing and may emphasize the use of language for different effects and to construct meaning and connections. Specific content depends upon state standards for grade 7.

#### **51138A000 - Writing (grade 8)**

Writing (grade 8) courses build upon students' prior knowledge and skill in writing. Typically, these courses use writing exercises to expand students' understanding of the different purposes of written communication. Specific content depends upon state standards for grade 8.

#### **51139A000 - Writing (Non grade-specific)**

Code 51139, representing Writing courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of

consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Writing, early childhood education through grade 8) do not fit the courses offered.

#### **51147A000 - Composition – Independent Study**

Composition-Independent Study courses, often conducted with instructors as mentors, allow students to explore particular topics within the field of language arts (emphasizing composition). Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **51149A000 - Composition – Other**

#### **51103A000 - Composition**

Composition courses focus on students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences. These courses enable students to explore and practice descriptive, narrative, persuasive, or expository styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Although composition courses may present some opportunities for creative writing, their focus usually remains on nonfiction, scholarly, or formal writing.

#### **51104A000 - Creative Writing**

Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

### **Speech and Communication**

#### **51151A000 - Public Speaking**

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small- and large-group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

#### **51155A000 - Communications**

Communications courses focus on the application of written and oral communication skills through a variety of formal and informal experiences. The courses are performance based and emphasize effective interpersonal and teambuilding skills. Communications courses may also involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices.

#### **51197A000 - Speech – Independent Study**

Speech--Independent Study courses, often conducted with instructors as mentors, allow students to explore particular topics within the field of language arts (emphasizing speech). Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **51199A000 - Speech – Other**

#### **51203A000 - English – Test Preparation**

English – Test Preparation courses provide to students activities in analytical thinking and with the skills and strategies associated with standardized test taking. Topics covered include vocabulary, reading comprehension, and writing strategies, as well as time management, scoring procedures, and dealing with test-related stress. Course materials may include national and state standardized test review materials, current assessment software programs, and previous standardized examinations.

## **All Others**

### **51992A000 - English Proficiency Development**

English Proficiency Development courses are designed to assist students in acquiring the skills necessary to pass proficiency examinations.

### **51996A000 - English Language and Literature – Supplemental**

English Language and Literature--Supplemental courses, designed to be taken in addition to or in coordination with other English language and literature courses, provide instruction to assist students in acquiring English language arts skills so that students attain necessary grade-level skills or reach a desired competency level.

### **Subject Area - 52 Mathematics (prior-to-secondary)**

## **Comprehensive Mathematics**

### **52030A000 - Mathematics (kindergarten)**

Mathematics (kindergarten) courses typically introduce and reinforce basic concepts of mathematics such as counting whole numbers and understanding patterns, time, and money. Specific content depends upon state standards for kindergarten.

### **52031A000 Mathematics (grade 1)**

Mathematics (grade 1) courses typically help build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. These courses often require students to develop their numerical fluency and to make calculation predictions. Specific content depends upon state standards for grade 1.

### **52032A000 - Mathematics (grade 2)**

Mathematics (grade 2) courses typically continue to build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. These courses often require students to develop their numerical fluency, particularly in addition and subtraction, and to solve problems using those operations as well as estimation. Specific content depends upon state standards for grade 2.

### **52033A000 - Mathematics (grade 3)**

Mathematics (grade 3) courses typically emphasize number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. These courses often require students to improve their numerical fluency, adding multiplication and division to addition and subtraction operations, using whole numbers and parts (quarters, thirds, halves), and estimation. Specific content depends upon state standards for grade 3.

### **52034A000 - Mathematics (grade 4)**

Mathematics (grade 4) courses typically emphasize number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content may include activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present conclusions based on data. Specific content depends upon state standards for grade 4.

### **52035A000 - Mathematics (grade 5)**

Mathematics (grade 5) courses typically emphasize number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content may include activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present their mathematical reasoning. Specific content depends upon state standards for grade 5.

### **52036A000 - Mathematics (grade 6)**

Mathematics (grade 6) courses typically emphasize skills in numerical operations (including basic operations and their proper order); measurement; patterns; simple functions; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 6.

### **52037A000 - Mathematics (grade 7)**

Mathematics (grade 7) courses typically emphasize proficiency in skills involving numbers and operations; measurement; patterns; functions; algebraic formulas; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 7.

### **52038A000 - Mathematics (grade 8)**

Mathematics (grade 8) courses typically emphasize proficiency in skills involving numbers and operations, measurement, patterns, simple functions, algebra, geometry, statistics, and probability. Specific content depends upon state standards for grade 8.

### **52039A000 - Mathematics (Non grade-specific)**

Code 52039, representing Mathematics courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content

descriptions above (Mathematics, early childhood education through grade 8) do not fit the courses offered.

#### **52047A000 Comprehensive Math – Independent Study**

Foundation Math-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to foundational mathematics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **52049A000 - Comprehensive Math – Other**

### **Advanced Mathematics**

#### **52051A000 - Pre-Algebra**

Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

#### **52052A000 - Algebra I (Use 02052A000 if placed on high school transcript)**

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

#### **52061A000 - Integrated Math – Multiyear Equivalent (Use 02061A000 if placed on high school transcript)**

Integrated Math courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between mathematics and other disciplines. The multi-period sequence of Integrated Math replaces the traditional Algebra I- Geometry-Algebra II sequence of courses, and usually covers the following topics during a 3- or 4-year sequence: algebra, functions, geometry from both synthetic and algebraic perspectives, trigonometry, statistics and probability, discrete mathematics, the conceptual underpinnings of calculus, and mathematical structure.

#### **52069A000 - Algebra – Other (Use 02069A000 if placed on high school transcript)**

#### **52071A000 - Informal Geometry (Use 02071A000 if placed on high school transcript)**

Informal Geometry courses emphasize a practical approach to the study of geometry and de-emphasize an abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

#### **52072A000 - Geometry (Use 02072A000 if placed on high school transcript)**

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

#### **52073A000 - Analytic Geometry (Use 02073A000 if placed on high school transcript)**

Analytic Geometry courses include the study of the nature and intersection of lines and planes in space, including vectors, the polar coordinate system, equations and graphs of conic sections, rotations and transformations, and parametric equations.

#### **52074A000 - Principles of Algebra and Geometry (Use 02074A000 if placed on high school transcript)**

Principles of Algebra and Geometry courses combine the study of some pre-algebra and algebra topics with introductory geometry topics. These courses include the study of formulas; algebraic expressions; first-degree

equations and inequalities; the rectangular coordinate system; area, perimeter, and volume of geometric figures; and properties of triangles and circles.

### **52075A000 Particular Topics in Geometry (Use 02075A000 if placed on high school transcript)**

These courses examine specific topics in geometry, such as solid or technical geometry, rather than provide a general study of the field of geometry.

### **52079A000 - Geometry – Other (Use 02079A000 if placed on high school transcript)**

#### **52132A000 - IB Mathematics, Middle Years Program                      IB Course**

International Baccalaureate (IB) Mathematics, Middle Years Program courses are built on a framework of five branches of mathematics: number, algebra, geometry and trigonometry, statistics and probability, and discrete mathematics. The program encourages students to develop an understanding of mathematical reasoning and processes, the ability to apply mathematics and evaluate the significance of results, the ability to develop strategies for problems in which solutions are not obvious, and the acquisition of mathematical intuition.

## **All Others**

### **52001A000 - Informal Mathematics**

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general math, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real-world problems.

### **52002A000 - General Math**

General Math courses reinforce and expand students' foundational math skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures; congruence and similarity; angle relationships; the Pythagorean theorem; the rectangular coordinate system; sets and logic; ratio and proportion; estimation; formulas; and solving and graphing simple equations and inequalities.

### **52003A000 - Particular Topics in Foundational Mathematics**

These courses examine particular topics in foundational math skills, such as arithmetic, sequences, or basic conceptual skills, rather than providing a more comprehensive overview of mathematics.

### **52157A000 - Consumer Math**

Consumer Math courses reinforce general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

### **52991A000 - History of Math**

History of Math courses include a study of the historical development of numbers, computation, algebra, and geometry. Figures critical to the development of mathematics (e.g., Pythagoras, Pascal, and Descartes) or important developments (e.g., pi, decimal fractions, probability theory, and calculus) often form the backbone of these classes.

### **52993A000 - Mathematics – Test Preparation**

Mathematics-Test Preparation courses provide to students activities in analytical thinking and with the skills and strategies associated with taking standardized tests (such as the PSAT, SAT, and ACT). Topics covered include strategies for arithmetic, algebra, geometry, and quantitative comparison problems as well as time management, scoring procedures, calculator usage, and management of test-related stress.

### **52994A000 - Mathematics Proficiency Development**

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Mathematics Proficiency Development courses are designed to assist students in acquiring the skills necessary to pass proficiency examinations.

**52996A000 Mathematics – Supplemental**

Mathematics-Supplemental courses, designed to be taken in addition to or in coordination with other mathematics courses, provide instruction to assist students in acquiring mathematic skills so that students attain necessary gradelevel skills or reach a desired competency level.

**52997A000 - Mathematics – Independent Study**

Mathematics-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to mathematics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

**52999A000 - Mathematics – Other**

## **Subject Area - 53 Life and Physical Sciences (prior-to-secondary)**

### **Earth Science**

#### **53008A000 - Earth/Space Science**

Earth/Space Science covers basic principles of earth and space science. These may include plate tectonics, rocks and the rock cycle, weather, ocean currents, movements of the Earth, moon, and planets, components of the galaxy and universe, or other topics consistent with state academic standards for earth and space science.

#### **53009A000 - Particular Topics in Earth Science**

Particular Topics in Earth Science courses concentrate on a particular subtopic within the field of earth science (such as oceanography, meteorology, physical geography, and so on) that is not otherwise described within this classification system.

#### **53047A000 - Earth Science – Independent Study**

Earth Science-Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other science courses or may serve as an opportunity to explore a topic of special interest.

#### **53049A000 - Earth Science – Other**

### **Biology**

#### **53051A000 - Biology**

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

#### **53063A000 - Particular Topics in Biology**

Particular Topics in Biology courses concentrate on a particular subtopic within the field of biology (such as botany, zoology, genetics, and so on) that is not otherwise described within this classification system.

#### **53097A000 - Biology – Independent Study**

Biology-Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other science courses or may serve as an opportunity for students to explore a topic of special interest.

#### **53099A000 - Biology – Other**

### **Chemistry**

#### **53101A000 - Chemistry**

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/ reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

### **53108A000 - Particular Topics in Chemistry**

Particular Topics in Chemistry courses concentrate on a particular subtopic within the field of chemistry (such as chromatography and spectrometry) that is not otherwise described in this classification system.

### **53147A000 - Chemistry – Independent Study**

Chemistry-Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses or may serve as an opportunity to explore a topic of special interest.

### **53149A000 - Chemistry – Other**

## **Other Physical Sciences**

### **53151A000 - Physics**

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

### **53153A000 - Principles of Technology**

Principles of Technology courses focus on the study of the forces and laws of nature and their application to modern technology. Equilibrium, motion, momentum, energy conversion, electromagnetism, and optical phenomena are presented in the context of current, real-world applications. Demonstrations, math labs, and applied laboratory experiments are an integral part of the Principles of Technology curriculum.

### **53158A000 - Life Science**

Life Science courses cover the basic principles of life and life processes. These topics may include cells, species, ecosystems, reproduction, genetics, or other topics consistent with state academic standards for life science.

### **53159A000 - Physical Science (prior-to-secondary)**

Physical Science (prior-to-secondary) courses cover basic principles of physical science, such as matter, energy, force, and motion. Topics may include conservation of energy and matter, the atomic model, the periodic table, electricity, or other topics consistent with state academic standards for physical science.

### **53162A000 - Particular Topics in Physics**

Particular Topics in Physics courses concentrate on a particular subtopic within the field of physics (such as optics, thermodynamics, quantum physics, and so on) that is not otherwise described in this classification system.

### **53197A000 Physics – Independent Study**

Physics-Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses or may provide an opportunity for students to explore a topic of special interest.

## Comprehensive Science

### 53230A000 - Science (kindergarten)

Science (kindergarten) courses encourage students to observe and describe properties of organisms, systems, and the environment. Students may raise questions, identify patterns, and record observations. Specific content depends upon state standards for kindergarten.

### 53231A000 - Science (grade 1)

Science (grade 1) courses allow students to identify interactions and patterns in objects and events and to record observations in written or visual form. Typically, students investigate systems of living organisms and the environment. Specific content depends upon state standards for grade 1.

### 53232A000 - Science (grade 2)

Science (grade 2) courses continue to introduce students to basic scientific processes and principles. Course content may include identification of patterns, classification and sequencing, or manipulation of systems to observe interactions between parts and record the effects of change. Specific content depends upon state standards for grade 2.

### 53233A000 - Science (grade 3)

Science (grade 3) courses involve observation, measurement, and description of simple systems. Course content may include the scientific process; life and environmental science; and physical, earth, and space science. Specific content depends upon state standards for grade 3.

### 53234A000 - Science (grade 4)

Science (grade 4) courses typically explore complex systems, such as plant and animal adaptation, forces and motion, and physical and chemical changes in matter, or content consistent with state academic standards. Students may identify causes and effects of change, make predictions, and gather data from multiple sources. Specific content depends upon state standards for grade 4.

### 53235A000 - Science (grade 5)

Science (grade 5) courses build on the study of various systems. They may include identification and description of cycles, comparisons of forms of matter and energy, forces, or content consistent with state academic standards. Students may make comparisons and interpret and analyze information. Specific content depends upon state standards for grade 5.

### 53236A000 - Science (grade 6)

Science (grade 6) courses typically include subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6.

### **53237A000 Science (grade 7)**

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7.

### **53238A000 - Science (grade 8)**

Science (grade 8) courses typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 8.

### **53239A000 - Science (Non grade-specific)**

Code 53239, representing Science courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Science, early childhood education through grade 8) do not fit the courses offered.

## **Integrated/Other**

### **53201A000 - Integrated Science**

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties-earth science, physical science, biology, chemistry, and physics-and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

### **53202A000 - Unified Science**

Unified Science courses combine more than one branch of science into a cohesive study or may integrate science with another discipline. General scientific concepts are explored, as are the principles underlying the scientific method and experimentation techniques.

### **53203A000 - IB Sciences, Middle Years Program      IB Course**

International Baccalaureate (IB) Sciences, Middle Years Program courses provide to students a body of knowledge and an understanding of the scientific approach to problem solving. It may be organized as biology, chemistry, and physics, or as an integrated sciences course. The course requires students to formulate hypotheses, design and carry out experiments to test them, and evaluate results.

### **53994A000 - Life and Physical Sciences – Proficiency Development**

Life and Physical Sciences-Proficiency Development courses are designed to assist students in acquiring the skills necessary to pass proficiency examinations related to the life sciences and physical sciences.

### **53996A000 - Life and Physical Sciences – Supplemental**

Life and Physical Sciences-Supplemental courses, designed to be taken in addition or in coordination with other life and physical science courses, provide instruction to assist students in acquiring science skills so that students attain necessary grade-level skills or reach a desired competency level.

### **53997A000 - Life and Physical Sciences – Independent Study**

Life and Physical Sciences-Independent Study courses, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These

courses may be offered in conjunction with other rigorous science courses or may serve as an opportunity to explore a topic of special interest.

### **53999A000 Life and Physical Sciences – Other**

## **Subject Area - 54 Social Sciences and History (prior-to-secondary)**

### **Geography**

#### **54001A000 - World Geography**

World Geography courses provide an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

#### **54002A000 - Particular Topics in Geography**

Particular Topics in Geography courses examine a particular topic in geography, such as physical or cultural geography, or the geography of a particular area or region, rather than provide an overview of the field.

#### **54003A000 - U.S. Geography**

U.S. Geography courses provide an overview of the geography of the United States. Topics typically include the physical environment, the political landscape, the relationship between people and the land, and economic production and development.

#### **54047A000 - Geography – Independent Study**

Geography--Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within geography. Independent Study courses may provide an opportunity for students to expand their expertise in a particular specialization, to explore a topic of special interest, or to develop more advanced skills.

### **World History**

#### **54001A000 - World Geography**

World Geography courses provide an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

#### **54002A000 - Particular Topics in Geography**

Particular Topics in Geography courses examine a particular topic in geography, such as physical or cultural geography, or the geography of a particular area or region, rather than provide an overview of the field.

### **54003A000 - U.S. Geography**

U.S. Geography courses provide an overview of the geography of the United States. Topics typically include the physical environment, the political landscape, the relationship between people and the land, and economic production and development.

### **54047A000 - Geography – Independent Study**

Geography--Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within geography. Independent Study courses may provide an opportunity for students to expand their expertise in a particular specialization, to explore a topic of special interest, or to develop more advanced skills.

### **54051A000 - World History – Overview**

World History--Overview courses provide an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History--Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

### **54061A000 - World Area Studies**

World Area Studies courses examine the history, politics, economics, society, and/or culture of one or more regions of the world, such as Africa, Latin America, the former Soviet Union, Far East Asia, and the Middle East. These courses may focus primarily on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region. Furthermore, these courses may emphasize one particular country (other than the United States) rather than a region or continent.

### **54062A000 - World People Studies**

World People Studies courses allow students to study various types of subgroups that have something in common such as religion, gender, or culture. Similar in style to World Area Studies, but focusing on a group of people rather than on a specific region, these courses examine a subgroup's history, politics, economics, and/or culture.

### **54063A000 - Western Civilization**

Western Civilization courses apply an interdisciplinary approach to the study of Western cultural traditions, frequently using a chronological framework. Course content typically includes a survey of the major developments in and contributors to art and architecture, literature, religion and philosophy, and culture. These courses may also cover intellectual and political movements.

### **54064A000 - Contemporary World Issues**

Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

### **54097A000 - World History – Independent Study**

World History-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within world history. Independent Study courses may provide an opportunity for students to expand their expertise in a particular period or area, to explore a topic of special interest, or to develop more advanced skills.



## **U.S. History**

### **54101A000 - U.S. History – Comprehensive**

U.S. History-Comprehensive courses provide an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

### **54105A000 - State-Specific Studies**

State-Specific Studies courses examine the history, politics, economics, society, and/or cultures of one state in the United States. This course may focus primarily on the history of that state or may take an interdisciplinary approach to the contemporary issues affecting it.

### **54106A000 - Contemporary U.S. Issues**

Contemporary U.S. Issues courses study the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

### **54107A000 - U.S. Ethnic Studies**

U.S. Ethnic Studies courses examine the history, politics, economics, society, and/or culture of one or more of the racial/ethnic groups in the United States. These courses may focus primarily on the history of an individual racial/ethnic group or may take a more comprehensive approach to studying the contemporary issues affecting racial/ethnic groups overall.

### **54147A000 - U.S. History – Independent Study**

U.S. History-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within U.S. History. Independent Study courses may provide an opportunity for students to expand their expertise in a particular period or area, to explore a topic in greater detail, or to develop more advanced skills.

### **54149A000 - U.S. History – Other**

## **Government, Politics, and Law**

### **54151A000 - U.S. Government – Comprehensive**

U.S. Government-Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

### **54161A000 - Civics**

Civics courses examine the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. These courses do not typically delve into the same degree of detail on constitutional principles or the role of political parties and interest groups as do comprehensive courses in U.S. Government.

### **54171A000 - IB Humanities, Middle Years Program IB Course**

International Baccalaureate (IB) Humanities, Middle Years Program courses aim to develop the understanding and application of concepts (time, place and space, change, systems and global awareness) and skills (technical,

analytical, problem solving, and investigative). Content may include topics such as geography, history, economics, politics, civics, sociology, anthropology, and psychology.

#### **54197A000 - Government, Politics, and Law – Independent Study**

Government, Politics, and Law-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within one of the fields of Government, Politics, and Law. These courses may provide an opportunity for students to expand their expertise in a particular specialization, to explore a topic of special interest, or to develop more advanced skills.

#### **54199A000 - Government, Politics, and Law – Other**

### **General Social Studies**

#### **54430A000 - Social Studies (kindergarten)**

Social Studies (kindergarten) courses generally provide initial foundations in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for kindergarten.

#### **54431A000 - Social Studies (grade 1)**

Social Studies (grade 1) courses develop foundational skills in the social studies disciplines: history, geography, civics and government, and economics. These disciplines are often taught together and organized around a theme. Specific content depends upon state standards for grade 1.

#### **54432A000 - Social Studies (grade 2)**

Social Studies (grade 2) courses help students reach greater understanding of the social studies disciplines: history, geography, civics and government, and economics. Courses often offer study of these disciplines in an integrated fashion, through the context of a specific theme or discipline, such as state-based social studies or the history of a people. Specific content depends upon state standards for grade 2.

#### **54433A000 - Social Studies (grade 3)**

Social Studies (grade 3) courses build on previous knowledge and introduce concepts in the social studies disciplines: history, geography, civics and government, and economics. Instruction of the disciplines is often integrated for instructional purposes. Students may study these disciplines through the context of a specific theme or discipline, such as state-based social studies or U.S. history. Specific content depends upon state standards for grade 3.

#### **54434A000 - Social Studies (grade 4)**

Social Studies (grade 4) courses continue to develop skills in history, geography, civics and government, and economics. Although the four disciplines are typically integrated, these courses may take a more discipline-specific approach, such as concentrating on U.S. history, state-specific history, or civic engagement for periods of time. Specific content depends upon state standards for grade 4.

#### **54435A000 - Social Studies (grade 5)**

Social Studies (grade 5) courses continue to develop skills in history, geography, civics and government, and economics. These courses may be more discipline-specific (dividing up state history, U.S. history, geography, government, and so on). Specific content depends upon state standards for grade 5.

#### **54436A000 Social Studies (grade 6)**

Social Studies (grade 6) courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6.

### **54437A000 - Social Studies (grade 7)**

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7.

### **54438A000 - Social Studies (grade 8)**

Social Studies (grade 8) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Typically, these courses focus on single disciplines at a time (e.g., state-specific history and government, U.S. history, world history, or civics) to develop discipline-related skills. Specific content depends upon state standards for grade 8.

### **54439A000 - Social Studies (Non grade-specific)**

Code 54439, representing Social Studies courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Social Studies, early childhood education through grade 8) do not fit the courses offered.

## **All Others**

### **54996A000 - Social Sciences and History – Supplemental**

Social Sciences and History-Supplemental courses, designed to be taken in addition to or in coordination with other social sciences and history courses, provide instruction to assist students in acquiring social studies/social science skills so that students attain necessary grade-level skills or reach a desired competency level.

### **54997A000 - Social Sciences and History – Independent Study**

Social Sciences and History-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within one of the fields of social studies. These courses provide an opportunity for students to expand their expertise in a particular specialization, to explore a topic of special interest, or to develop more advanced skills.

### **54999A000 - Social Sciences and History – Other**

## **Subject Area - 55 Fine and Performing Arts (prior-to-secondary)**

### **Dance**

#### **55030A000 - Dance (kindergarten)**

Dance (kindergarten) courses provide developmentally appropriate activities to create awareness of bodily movement and its potential for creativity, expression, and communication. Specific course content conforms to any existing state standards for kindergarten.

#### **55031A000 - Dance (grade 1)**

Dance (grade 1) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 1.

#### **55032A000 - Dance (grade 2)**

Dance (grade 2) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities

may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 2.

**55033A000 - Dance (grade 3)**

Dance (grade 3) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 3.

**55034A000 - Dance (grade 4)**

Dance (grade 4) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 4.

**55035A000 - Dance (grade 5)**

Dance (grade 5) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 5.

**55036A000 - Dance (grade 6)**

Dance (grade 6) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 6.

**55037A000 Dance (grade 7)**

Dance (grade 7) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 7.

**55038A000 - Dance (grade 8)**

Dance (grade 8) courses typically provide activities that foster creative expression, communication through artistic endeavor, appreciation of culture and heritage, and evaluative and critical thinking using the art of dance. Activities may include those that enable students to develop their technique, learn different styles of dance, appreciate the culture and history of dance forms, and strengthen the ability to discern and critique. Specific course content conforms to any existing state standards for grade 8.

**55039A000 - Dance (Non grade-specific)**

Code 55039, representing Dance courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Dance, early childhood education through grade 8) do not fit the courses **offered**.

**55001A000 - Dance Technique**

Dance Technique courses provide experience in one or several dance forms (e.g., modern, jazz, ballet, and tap). Initial classes are usually introductory in nature, while the more advanced classes concentrate on improving students' technique and may offer or require experience in choreography and dance evaluation.

#### **55002A000 - Dance Repertory**

Dance Repertory courses provide the opportunity for students with prior dance experience to develop dance techniques in small groups; these classes require auditions and emphasize performance.

#### **55003A000 - Expressive Movement**

Expressive Movement courses help develop students' ability to move expressively, without an emphasis on particular dance forms or on developing specific dance techniques.

#### **55004A000 - Dance Appreciation**

Dance Appreciation courses expand students' knowledge of dance as an art form and help develop students' ability to evaluate dance performances. Learning the history of one or several dance forms may also be included as a course objective.

#### **55005A000 - Choreography**

Choreography courses teach students how to arrange and direct dancers' movements. Course content includes application of the elements and principles of dance, study of historical and contemporary dance from a worldwide perspective, and instruction in critique. Course objectives include developing an appreciation of dance as a communicative art form and self-expression. Students sometimes gain performance experience.

#### **55047A000 - Dance – Independent Study**

Dance-Independent Study courses, often conducted with instructors or professional dancers/ choreographers as mentors, enable students to explore a particular dance form. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

#### **55049A000 - Dance – Other**

### **Drama**

#### **55070A000 - Drama (kindergarten)**

Drama (kindergarten) courses provide developmentally appropriate activities to enable students to express themselves through dramatic play and storytelling. Specific course content conforms to any existing state standards for kindergarten.

#### **55071A000 - Drama (grade 1)**

Drama (grade 1) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Specific course content conforms to any existing state standards for grade 1.

#### **55072A000 - Drama (grade 2)**

Drama (grade 2) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Specific course content conforms to any existing state standards for grade 2.

#### **55073A000 - Drama (grade 3)**

Drama (grade 3) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Specific course content conforms to any existing state standards for grade 3.

**55074A000 - Drama (grade 4)**

Drama (grade 4) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 4.

**55075A000 - Drama (grade 5)**

Drama (grade 5) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 5.

**55076A000 - Drama (grade 6)**

Drama (grade 6) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, and strengthen their critical abilities. Specific course content conforms to any existing state standards for grade 6.

**55077A000 Drama (grade 7)**

Drama (grade 7) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. As appropriate, students may focus on acting techniques and traditions, other aspects of drama (staging, lighting, costuming), or both. Specific course content conforms to any existing state standards for grade 7.

**55078A000 - Drama (grade 8)**

Drama (grade 8) courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. As appropriate, students may focus on acting techniques and traditions, other aspects of drama (staging, lighting, costuming), or both. Specific course content conforms to any existing state standards for grade 8.

**55079A000 - Drama (Non grade-specific)**

Code 55079, representing Drama courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Drama, early childhood education through grade 8) do not fit the courses offered.

**55051A000 - Introduction to the Theater**

Introduction to the Theater courses provide an overview of the art, conventions, and history of the theater. Although the courses sometimes include experiential exercises, they emphasize learning about the theater rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature, major playwrights, the formation of theater as a cultural tradition, and critical appreciation of the art.

**55052A000 - Theatre Arts**

Theatre arts courses focus on the study and performance of drama, including musical theatre. These courses review a wide range of scripted materials, such as plays, screenplays, teleplays, readers' theatre scripts, dramatic criticism, creation of original dramatic works, and the role of dramatic arts in society. In addition, students work collaboratively on performances.

**55053A000 - Drama – Comprehensive**

Drama-Comprehensive courses are intended to help develop students' experience and skill in one or more aspects of theatrical production. Initial courses are usually introductory in nature, providing an overview of the features of drama, such as acting, set design, stage management, and so on. The more advanced courses concentrate on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. These courses may also provide a discussion of career opportunities in the theater.

#### **55054A000 - Exploration in Drama**

Exploration in Drama courses are designed to enhance students' understanding of life through the study and performance of dramatic works. They emphasize developing students' ability to express themselves and establish personal criteria for the critical evaluation of drama activities.

#### **55097A000 - Drama – Independent Study**

Drama-Independent Study courses, often conducted with instructors or artists as mentors, enable students to explore a particular theatrical form. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

#### **55099A000 - Drama – Other**

### **Music**

#### **55130A000 - Music (kindergarten)**

Music (kindergarten) courses provide developmentally appropriate activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Specific course content conforms to any existing state standards for kindergarten.

#### **55131A000 - Music (grade 1)**

Music (grade 1) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 1.

#### **55132A000 - Music (grade 2)**

Music (grade 2) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and to incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 2.

#### **55133A000 - Music (grade 3)**

Music (grade 3) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 3.

#### **55134A000 - Music (grade 4)**

Music (grade 4) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 4.

**55135A000 - Music (grade 5)**

Music (grade 5) courses provide activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. Specific course content conforms to any existing state standards for grade 5.

**55136A000 - Music (grade 6)**

Music (grade 6) courses enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and refining the ability to discern and critique. Specific course content conforms to any existing state standards for grade 6.

**55137A000 - Music (grade 7)**

Music (grade 7) courses enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and refining the ability to discern and critique. Specific course content conforms to any existing state standards for grade 7.

**55138A000 - Music (grade 8)**

Music (grade 8) courses enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and refining the ability to discern and critique. Specific course content conforms to any existing state standards for grade 8.

**55139A000 - Music (Non grade-specific)**

Code 55139, representing Music courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Music, early childhood education through grade 8) do not fit the courses offered.

**55101A000 - General Band**

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of nonspecified band literature styles (concert, marching, orchestral, and modern styles).

**55102A000 - Concert Band**

Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.

**55103A000 - Marching Band**

Courses in Marching Band are intended to develop students' technique for playing brass, woodwind, and percussion instruments and cover appropriate band literature styles, primarily for marching performances.

**55104A000 - Orchestra**

Orchestra courses are designed to develop students' abilities to play brass, woodwind, percussion, and string instruments, covering a variety of string and orchestral literature styles.

**55105A000 - Contemporary Band**

Contemporary Band courses help students develop their techniques for playing brass, woodwind, percussion, and string instruments, as well as guitars and keyboards, focusing primarily on contemporary stage band literature styles, such as traditional jazz, jazz improvisation, and rock.

**55106A000 - Instrumental Ensembles**

Instrumental Ensemble courses are intended to develop students' technique for playing brass, woodwind, percussion, and/or string instruments in small ensemble groups. Instrumental Ensemble courses cover one or more instrumental ensemble or band literature styles.

**55110A000 - Chorus**

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

**55111A000 - Vocal Ensembles**

Vocal Ensemble courses are intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. Course goals may include the development of solo or improvisational singing ability and may emphasize one or several ensemble literature styles.

**55116A000 - Music History/Appreciation**

Music History/Appreciation courses survey different musical styles and periods with the intent of increasing students' enjoyment of musical styles and/or developing their artistic or technical judgment. Music History/Appreciation courses may also focus on developing an understanding of a particular style or period.

**55118A000 - Music Appreciation**

Similar in nature to Music History/Appreciation courses, Music Appreciation courses focus specifically on students' appreciation of music. They are designed to help students explore the world of music and to develop an understanding of the importance of music in their lives.

### **55147A000 - Music – Independent Study**

Music-Independent Study courses, often conducted with instructors, professional musicians, or voice coaches as mentors, enable students to explore music-related topics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

### **55149A000 - Music – Other**

## **Visual Arts**

### **55180A000 - Art (kindergarten)**

Art (kindergarten) courses provide to students developmentally appropriate activities to foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for kindergarten.

### **55181A000 - Art (grade 1)**

Art (grade 1) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 1.

### **55182A000 - Art (grade 2)**

Art (grade 2) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 2.

### **55183A000 - Art (grade 3)**

Art (grade 3) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 3.

### **55184A000 - Art (grade 4)**

Art (grade 4) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 4.

### **55185A000 - Art (grade 5)**

Art (grade 5) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other

content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 5.

**55186A000 - Art (grade 6)**

Art (grade 6) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 6.

**55187A000 - Art (grade 7)**

Art (grade 7) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 7.

**55188A000 - Art (grade 8)**

Art (grade 8) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 8.

**55189A000 - Art (Non grade-specific)**

Code 55189, representing Art courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Art, early childhood education through grade 8) do not fit the courses offered.

**55151A000 - Art Appreciation**

Art Appreciation courses introduce students to the many forms of art and help them form an aesthetic framework through which they can judge and critique art of various ages and cultures. These courses also explore the place and significance of art in our society.

**55152A000 - Art History**

Art History courses introduce students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. These courses often emphasize the evolution of art forms, techniques, symbols, and themes.

**55154A000 - Creative Art – Comprehensive**

Creative Art-Comprehensive courses provide to students the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

**55155A000 - Creative Art – Drawing/Painting**

Creative Art-Drawing/Painting courses cover the same topics as Creative Art-Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several

media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

#### **55156A000 - Creative Art – Drawing**

Creative Art-Drawing courses cover the same topics as Creative Art-Drawing/Painting, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium.

#### **55157A000 - Creative Art – Painting**

Creative Art-Painting courses cover the same topics as Creative Art-Drawing/Painting, but focus on painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

#### **55158A000 - Creative Art – Sculpture**

Creative Art-Sculpture courses cover the same topics as Creative Art-Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

#### **55159A000 - Ceramics/Pottery**

Ceramics/Pottery courses cover the same topics as Creative Art-Comprehensive courses, but focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

#### **55165A000 - Crafts**

Crafts courses teach the same lessons as Creative Art-Comprehensive courses, but do so with a focus on crafts. These courses may survey a wide range of crafts, or they may focus on only one type of craft; possibilities include calligraphy, quilting, silk screening, cake decorating, tole painting, mask making, knitting, crocheting, paper making, and so on.

#### **55167A000 - Photography**

Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. The course may cover black-and-white photography, color photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.

#### **55168A000 - Film/Videotape**

Film/Videotape courses expose students to the materials, processes, and artistic techniques involved in film, television, or videotape. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and editing techniques. Course topics may also include production values and various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on). As students advance, the instruction becomes more refined, and students are encouraged to develop their own artistic style. Students may also study major filmmakers, cinematographers, and their films and learn about film, television, and video and their relationships to drama and theater.

#### **55197A000 - Visual Art – Independent Study**

Visual Art-Independent Study courses, often conducted with instructors or professional artists as mentors, enable students to explore a particular art form or topic. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

#### **55199A000 - Visual Arts – Other**

### **All Others**

#### **55201A000 - Integrated Fine Arts**

Integrated Fine Arts courses explore self-expression across the fine arts: any subset or all of the visual arts, music, drama, theater, and literature may be included in the curriculum for these courses. Students both study and critique the works of others and participate in or produce art themselves. These courses often include comparative study of various art forms over time-i.e., the interrelationship of literature, music, and the performing arts of a particular time period and culture.

**55202A000 - IB Arts, Middle Years Program                      IB Course**

International Baccalaureate (IB) Arts, Middle Years Program courses include visual and performing arts and organize learning around the creative cycle. These courses bring students into contact with art forms and aesthetic values of several cultures and help students master artistic techniques.

**55997A000 - Fine and Performing Arts – Independent Study**

Fine and Performing Arts-Independent Study courses, often conducted with instructors or professional artists as mentors, enable students to explore a particular art form. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic of in greater detail, or to develop more advanced skills.

**55999A000 - Fine and Performing Arts – Other**

## **Subject Area - 56 Foreign Language and Literature (prior-to-secondary)**

### **56030A000 - Foreign Language (kindergarten)**

Foreign Language (kindergarten) courses engage students in developmentally appropriate activities to acquire the language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. Course content typically includes some introduction to other cultures. Specific content depends upon state standards for kindergarten.

### **56031A000 - Foreign Language (grade 1)**

Foreign Language (grade 1) courses engage students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 1.

### **56032A000 - Foreign Language (grade 2)**

Foreign Language (grade 2) courses engage students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 2.

### **56033A000 - Foreign Language (grade 3)**

Foreign Language (grade 3) courses engage students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 3.

### **56034A000 - Foreign Language (grade 4)**

Foreign Language (grade 4) courses engage students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 4.

### **56035A000 - Foreign Language (grade 5)**

Foreign Language (grade 5) courses engage students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 5.

### **56036A000 - Foreign Language (grade 6)**

Foreign Language (grade 6) courses engage students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 6.

### **56037A000 - Foreign Language (grade 7)**

Foreign Language (grade 7) courses emphasize the language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. Grammar and syntax, vocabulary, and applicable accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 7.

### **56038A000 - Foreign Language (grade 8)**

Foreign Language (grade 8) courses emphasize the language arts skills (listening, speaking, reading, and writing) necessary to communicate in a foreign language. Grammar and syntax, vocabulary, and applicable accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 8.

### **56039A000 - Foreign Language (Non grade-specific)**

Code 56039, representing Foreign Language courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by 3rd grade, students should know and be able to do..."), or when the content descriptions above (Foreign Language, early childhood education through grade 8) do not fit the courses offered.

## **Romance Languages\***

### **56100A000 - Spanish**

Spanish courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Spanish language and students' knowledge of Spanish-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

### **56101A000 - IB Language B (Spanish), Middle Years Program                      IB Course**

International Baccalaureate (IB) Language B (Spanish), Middle Years Program courses enable students to gain competence in modern Spanish; these courses also encourage respect for and understanding of other languages and cultures.

### **56120A000 - French**

French courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the French language and students' knowledge of French-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).

### **56121A000 - IB Language B (French), Middle Years Program                      IB Course**

International Baccalaureate (IB) Language B (French), Middle Years Program courses enable students to gain competence in modern French and encourage respect for and understanding of other languages and cultures.

### **56140A000 - Italian**

Italian courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Italian language and students' knowledge of Italian-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Italian-speaking people to deepen their understanding of the culture(s).

### **56141A000 - IB Language B (Italian), Middle Years Program                      IB Course**

Language B (Italian), Middle Years Program courses enable students to gain competence in modern Italian and encourage respect for and understanding of other languages and cultures.

### **56160A000 - Portuguese**

Portuguese courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Portuguese language and students' knowledge of Portuguese-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Portuguese-speaking people to deepen their understanding of the culture(s).

### **56161A000 - IB Language B (Portuguese), Middle Years Program      IB Course**

International Baccalaureate (IB) Language B (Portuguese), Middle Years Program courses enable students to gain competence in modern Portuguese and encourage respect for and understanding of other languages and cultures.

## **Germanic Languages\***

### **56200A000 - German**

German courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the German language and students' knowledge of German-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of German-speaking people to deepen their understanding of the culture(s).

### **56201A000 - IB Language B (German), Middle Years Program      IB Course**

International Baccalaureate (IB) Language B (German), Middle Years Program courses enable students to gain competence in modern German and encourage respect for and understanding of other languages and cultures.

## **Greek Language\***

### **56280A000 Greek**

Greek courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Greek language and students' knowledge of Greek-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Greekspeaking people to deepen their understanding of the culture(s).

### **56281A000 IB Language B (Greek), Middle Years Program**

This course allows students to gain competence in modern Greek and encourages respect for and understanding of other languages and cultures.

## **Classical Languages\***

### **56300A000 - Latin**

Latin courses introduce and then extend students' skills in reading and writing Latin language and students' knowledge of Roman life and culture. Initial courses emphasize structures, forms, grammar and syntax, and vocabulary, so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand original Latin texts),

seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Rome to deepen their understanding of the culture(s).

### **56320A000 - Classical Greek**

Classical Greek courses introduce and then extend students' skills in reading and writing classical Greek language and students' knowledge of Grecian life and culture. Initial courses emphasize structures, forms, grammar and syntax, and vocabulary, so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand original Greek texts), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of ancient Greece to deepen their understanding of the culture(s).

## **East Asian Languages\***

### **56400A000 - Chinese**

Chinese courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Chinese language and students' knowledge of Chinese-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Chinese-speaking people to deepen their understanding of the culture(s).

### **56401A000 - IB Language B (Chinese), Middle Years Program                      IB Course**

International Baccalaureate (IB) Language B (Chinese), Middle Years Program courses enable students to gain competence in modern Chinese and encourage respect for and understanding of other languages and cultures.

### **56420A000 - Japanese**

Japanese courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Japanese language and students' knowledge of Japanese-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Japanese-speaking people to deepen their understanding of the culture(s).

### **56421A000 - IB Language B (Japanese), Middle Years Program                      IB Course**

International Baccalaureate (IB) Language B (Japanese), Middle Years Program courses enable students to gain competence in modern Japanese and encourage respect for and understanding of other languages and cultures.

### **56440A000 - Korean**

Korean courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Korean language and students' knowledge of Korean-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Korean-speaking people to deepen their understanding of the culture(s).

### **56441A000 - IB Language B (Korean), Middle Years Program                      IB Course**

International Baccalaureate (IB) Language B (Korean), Middle Years Program courses enable students to gain competence in modern Korean and encourage respect for and understanding of other languages and cultures.

## **Southeast Asian/Austral-Asian Languages\***

### **56500A000 - Vietnamese**

Vietnamese courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Vietnamese language and students' knowledge of Vietnamese-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Vietnamese-speaking people to deepen their understanding of the culture(s).

### **56501A000 - IB Language B (Vietnamese), Middle Years Program      IB Course**

International Baccalaureate (IB) Language B (Vietnamese), Middle Years Program courses enable students to gain competence in modern Vietnamese and encourage respect for and understanding of other languages and cultures.

### **56520A000 - Filipino**

Filipino courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Filipino language and students' knowledge of Filipino-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Filipino-speaking people to deepen their understanding of the culture(s).

### **56521A000 - IB Language B (Filipino), Middle Years Program      IB Course**

IB (International Baccalaureate) Language B (Filipino), Middle Years Program courses enable students to gain competence in modern Filipino and encourage respect for and understanding of other languages and cultures.

## **Balto-Slavic Language\***

### **56600A000 - Russian**

Russian courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Russian language and students' knowledge of Russian-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Russian-speaking people to deepen their understanding of the culture(s).

### **56601A000 - IB Language B (Russian), Middle Years Program      IB Course**

International Baccalaureate (IB) Language B (Russian), Middle Years Program courses allow students to gain competence in modern Russian and encourage respect for and understanding of other languages and cultures.

## **Semitic and Near/Middle Eastern Languages\***

### **56700A000 - Hebrew**

Hebrew courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Hebrew language and students' knowledge of Hebrew-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and the spoken accent so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Hebrew-speaking people to deepen their understanding of the culture(s).

**56701A000 - IB Language B (Hebrew), Middle Years Program** **IB Course**

International Baccalaureate (IB) Language B (Hebrew), Middle Years Program courses enable students to gain competence in modern Hebrew and encourage respect for and understanding of other languages and cultures.

**56720A000 - Arabic**

Arabic courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Arabic language and students' knowledge of Arabic-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Arabic-speaking people to deepen their understanding of the culture(s).

**56721A000 - IB Language B (Arabic), Middle Years Program** **IB Course**

International Baccalaureate (IB) Language B (Arabic), Middle Years Program courses allow students to gain competence in modern Arabic and encourage respect for and understanding of other languages and cultures.

**African (non-Semitic) Languages\***

**56760A000 - Swahili**

Swahili courses introduce and then extend students' skills in speaking, reading, writing, and comprehending the Swahili language and students' knowledge of Swahili-speaking cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Swahili-speaking people to deepen their understanding of the culture(s).

**56761A000 - IB Language B (Swahili), Middle Years Program** **IB Course**

International Baccalaureate (IB) Language B (Swahili), Middle Years Program courses allow students to gain competence in modern Swahili and encourage respect for and understanding of other languages and cultures.

**American Sign Language\***

**56800A000 - American Sign Language**

American Sign Language courses introduce and then extend students' ability to communicate with deaf persons through finger spelling, signed words, and gestures. Initial courses emphasize vocabulary and physical expression so that students have an understanding of the language and its rules and conventions. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others), seeking to enable students to express more complex concepts, and to do so more easily. Course topics may include the culture of and issues facing deaf people.

**56801A000 - IB Language B (American Sign Language), Middle Years Program** **IB Course**

International Baccalaureate (IB) Language B (American Sign Language), Middle Years Program courses allow students to gain competence in modern American Sign Language and encourage respect for and understanding of other languages and cultures.

**American Indian Languages\***

**56820A000 - American Indian Language**

American Indian Language courses introduce and then extend students' skills in speaking, reading, writing, and comprehending an American Indian language (e.g., Navajo, Cherokee, and Kree) and students' knowledge of Native American cultures. Initial courses emphasize grammar and syntax, vocabulary, and vocal tones so that students have

an understanding of the language and its rules. Later courses advance students' knowledge and ability to express themselves beyond basic communication (and to understand others, either in a written or verbal format), seeking to enable students to express more complex concepts, in different tenses, and to do so more easily. Students usually explore the customs, history, and art forms of Native American people to deepen their understanding of the culture(s).

#### **56821A000 - IB Language B (American Indian Language), Middle Years Program      IB Course**

International Baccalaureate (IB) Language B (American Indian Language), Middle Years Program courses allow students to gain competence in a modern American Indian Language and encourage respect for and understanding of other languages and cultures.

\*Prior to secondary courses taken for placement on the individual student's high school transcript should be aligned to the appropriate high school code and amount of credit earned indicated.

### **All Others**

#### **56997A000 - Foreign Language and Literature – Independent Study**

Foreign Language and Literature-Independent Study courses, often conducted with instructors as mentors, enable students to explore foreign language-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular language, to explore a topic in greater detail, or to develop more advanced skills.

#### **56999A000 - Foreign Language and Literature – Other**

### **Subject Area - 57 Religious Education and Theology (prior-to-secondary)**

#### **57001A000 - Religious Foundations**

Religious Foundations courses' primary objectives include instruction in the history, tenets, and organization of a religion; development of personal faith and conviction; and exposure to the ways in which daily life may reflect personal religious beliefs. These courses typically include various components particular to a specific religion, such as religious sacraments and symbols, food laws, the authority and structure of the church, the church calendar, and so on.

#### **57005A000 - Scriptures**

Scriptures courses emphasize understanding and interpreting the sacred writings of a faith (such as the Bible, Torah, Koran, Book of Mormon, and so on) from the standpoint of a religious faith. Course objectives are designed so that students may comprehend the theological, doctrinal, and ethical messages contained within religious scriptures.

#### **57006A000 - Old Testament**

Old Testament courses emphasize understanding and interpreting the sacred writings of the Old Testament from the standpoint of a religious faith and may focus on one or several books. Course content typically focuses on themes, theological concepts, and portrayal of ethical messages, but may also include critique and commentary.

#### **57007A000 - New Testament**

New Testament courses emphasize understanding and interpreting the sacred writings of the New Testament from the standpoint of a religious faith and may focus on one or several religious books. Course content typically focuses on themes, theological concepts, and portrayal of ethical messages, but may also include critique and commentary.

#### **57008A000 - Bible History**

Bible History courses treat the Bible as a historical document and provide an overview of significant biblical events. The content usually includes geography; the relationship among cultures, belief systems, and the events chronicled in the Bible; and early Jewish or Christian Church history.

**57015A000 - Faith and Lifestyle**

Faith and Lifestyle courses focus on the development of young adults from puberty to adulthood, approached from the perspective of a faith or church. In these courses, the religion's values and traditions provide an underpinning for examining such topics as identity, independence, sexuality, employment, and leisure. Typically, Faith and Lifestyle courses include discussions about adult roles-single life, marriage, religious life, and ordained ministry.

**57997A000 - Religious Education and Theology – Independent Study**

Religious Education and Theology-Independent Study courses, often conducted with instructors, members of the clergy, or religious leaders as mentors, enable students to explore topics of interest related to religion or theology. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular religion, to explore a topic in greater detail, or to develop more advanced skills.

**57999A000 - Religious Education and Theology – Other****Subject Area - 58 Physical/ Health/ and Safety Education (prior-tosecondary)****Physical Education****58030A000 - Physical Education (kindergarten)**

Physical Education (kindergarten) courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon state standards for kindergarten.

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**58031A000 Physical Education (grade 1)**

Physical Education (grade 1) courses typically emphasize knowledge and skills that lead to health, enjoyment, and social development through physical activity. Course content may include activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 1.

**58032A000 - Physical Education (grade 2)**

Physical Education (grade 2) courses typically emphasize knowledge and skills that lead to health, enjoyment, and social development through physical activity. Course content may include activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 2.

**58033A000 - Physical Education (grade 3)**

Physical Education (grade 3) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 3.

**58034A000 - Physical Education (grade 4)**

Physical Education (grade 4) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 4.

**58035A000 - Physical Education (grade 5)**

Physical Education (grade 5) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 5.

**58036A000 - Physical Education (grade 6)**

Physical Education (grade 6) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 6.

**58037A000 - Physical Education (grade 7)**

Physical Education (grade 7) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7.

**58038A000 - Physical Education (grade 8)**

Physical Education (grade 8) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8.

### **58039A000 Physical Education (Non grade-specific)**

Code 58039, representing Physical Education courses that are not grade differentiated, should be used when a state or locality does not have or does not employ grade-level content standards, when those standards may apply to a range of consecutive grades (e.g., "by third grade, students should know and be able to do..."), or when the content descriptions above (Physical Education, early childhood education through grade 8) do not fit the courses offered.

### **58001A000 - Physical Education**

Physical Education courses provide to students the knowledge, experience, and opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

### **58002A000 - Team Sports**

Team Sports courses provide to students the knowledge, experience, and opportunity to develop skills in more than one team sport (such as volleyball, basketball, soccer, and so on).

### **58003A000 - Individual/Dual Sports**

Individual/Dual Sports courses provide to students the knowledge, experience, and opportunity to develop skills in more than one individual or dual sport (such as tennis, golf, badminton, jogging/running, racquetball, and so on).

### **58004A000 - Recreation Sports**

Recreation sports courses provide to students the knowledge, experience, and opportunity to develop skills in more than one recreational sport or outdoor pursuit (such as adventure activities, croquet, Frisbee, wall climbing, bocce ball, fishing, hiking, cycling, and so on).

### **58005A000 - Fitness/Conditioning Activities**

Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

### **58008A000 - Gymnastics**

Gymnastics courses are designed to help students develop knowledge and skills in gymnastics, stunts, and tumbling while emphasizing safety. Floor gymnastics may be supplemented by the use of gymnastic equipment such as the balance beam, uneven bars, parallel bars, rings, and so on. Gymnastic courses may include other components such as the history of gymnastics and conditioning.

### **58010A000 - Aquatics/Water Sports**

Aquatic Sports courses help students develop skills useful or necessary in an aquatic environment. They may focus on swimming and competitive strokes, such as freestyle, breaststroke, butterfly, and so on or may involve team-oriented water sports, such as water polo and relay swimming. These courses may also include (or concentrate exclusively on) diving and/or lifesaving skills.

### **58013A000 - Specific Sports Activities**

Courses in Specific Sports Activities help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, track and field, and equestrian events) other than those coded within this section. (Dance is included under the Fine and Performing Arts subject area.)

### **58016A000 - Lifetime Fitness Education**

Lifetime Fitness Education courses emphasize acquiring knowledge and skills regarding lifetime physical fitness; content may include related topics such as nutrition, stress management, and consumer issues. Students may develop and implement a personal fitness plan.

### **58040A000 IB Physical Education, Middle Years Program IB Course**

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International Baccalaureate (IB) Physical Education, Middle Years Program courses aim to facilitate physical, intellectual, emotional, and social development, and to cultivate a healthy and active lifestyle. These courses include activities that are enjoyable and contribute to healthy living. They help students develop motor skills necessary to participate in a variety of physical activities, and to learn about the nature of physical fitness.

#### **58047A000 - Physical Education – Independent Study**

Courses in Physical Education-Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to physical education. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular sport or activity, to explore a topic in greater detail, or to develop more advanced skills.

#### **58049A000 - Physical Education – Other**

#### **58051A000 - Health Education**

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

#### **58052A000 - Health and Fitness**

Health and Fitness courses combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits.

#### **58057A000 - Health and Life Management**

Health and Life Management courses focus as much on consumer education topics (such as money management and evaluation of consumer information and advertising) as on personal health topics (such as nutrition, stress management, drug/alcohol abuse prevention, disease prevention, and first aid). Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies.

#### **58058A000 - Substance Abuse Prevention**

Substance Abuse Prevention courses focus specifically on the health risks of drugs, alcohol, and tobacco. These courses provide information on the negative consequences of these products and teach students coping strategies to resist the influences (such as peers and media images) that may entice them to use these substances. Students may also explore the community resources available to them.

#### **58097A000 - Health Education – Independent Study**

Courses in Health Education-Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to health and health education. Independent Study courses may provide the opportunity for students to expand expertise in a particular application, to explore a topic of special interest in greater detail, or to develop more advanced skills.

### **All Others**

#### **58997A000 - Physical, Health, and Safety Education – Independent Study**

Courses in Physical, Health, and Safety Education-Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to physical, health, and safety education. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced physical, health, and/ or safety skills.

## **58999A000 Physical, Health, and Safety Education – Other**

**Note:** Subject Area 59 (Military Science) is not included at the prior-to-secondary level.

## **Subject Area - 60 Computer and Information Sciences (prior-to-secondary)**

### **Computer Literacy**

#### **60001A000 - Introduction to Computers**

Introduction to Computer courses introduce students to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, possible applications of computers, and occupations related to computer hardware and software. These courses typically explore legal and ethical issues associated with computer use, as well as how computers influence modern society. Students may also be required to perform some computer operations.

#### **60002A000 - Computing Systems**

Computing Systems courses offer a broad exploration of the use of computers in a variety of fields. These courses have a considerable range of content, but typically include the introduction of robotics and control systems, computer-assisted design, computer-aided manufacturing systems, and other computer technologies as they relate to industry applications.

#### **60003A000 - Computer and Information Technology**

Computer and Information Technology courses teach students to operate and use computer and information technology, emphasizing their role as tools to communicate more effectively, conduct research more efficiently, and increase productivity. Course content includes the legal and ethical issues involved with computer technology and use.

#### **60004A000 - Computer Applications**

In Computer Applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.

#### **60008A000 - Particular Topics in Computer Literacy**

These courses examine particular topics related to general computer literacy other than those already described, such as privacy issues or instruction in using a particular software application.

#### **60010A000 - Computer Literacy**

Computer Literacy courses provide to students the knowledge and ability to use computers and technology efficiently. Typically, course content includes exposure to word-processing, spreadsheet, and presentation applications, but also may include the various uses of computers in modern society. Specific course content aligns with state standards to promote students' technological literacy.

#### **60049A000 - Computer Literacy – Other**

## **Media Technology**

### **60201A000 - Web Page Design**

Web Page Design courses teach students how to design websites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages-such as Extensible Hypertext Markup, JAVA Script, Dynamic HTML, and Document Object Model-to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

### **60202A000 - Computer Graphics**

Computer Graphics courses provide the opportunity for students to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Typical course topics include modeling, simulation, animation, and image retouching.

### **60203A000 - Interactive Media**

Interactive Media courses provide to students the knowledge and skills to create, design, and produce interactive media products and services. The courses may emphasize the development of digitally generated and/or computerenhanced media. Course topics may include 3D animation, graphic media, web development, and virtual reality.

### **60247A000 - Media Technology – Independent Study**

Media Technology-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics related to media technology. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

## **All Others**

### **60997A000 - Computer and Information Sciences – Independent Study**

Computer and Information Sciences-Independent Study courses, often conducted with instructors as mentors, enable students to explore computer-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

### **60999A000 - Computer and Information Sciences – Other**

## **Subject Area - 61 Communications and Audio/Video Technology (prior-tosecondary)**

### **Communication**

#### **61001A000 - Introduction to Communication**

Introduction to Communication courses enable students to understand and critically evaluate the role of media in society. Course content typically includes investigation of visual images, printed material, and audio segments as

tools of information, entertainment, and propaganda; improvement of presentation and evaluative skills in relation to mass media; recognition of various techniques for delivery of a particular message; and, in some cases, creation of a media product. The course may concentrate on a particular medium.

#### **61002A000 - Communication Technology**

Communication Technology courses enable students to effectively communicate ideas and information through experiences dealing with drafting, design, electronic communication, graphic arts, printing process, photography, telecommunications, and computers. Additional topics covered in the course include information storage and retrieval. Drafting equipment may be used to make scale drawings, including multi-view drawing, photographs, and poster mock-ups.

#### **61003A000 - Particular Topics in Communication**

These courses examine specific topics in communication other than those already described.

#### **61047A000 - Communication – Independent Study**

Communication-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to mass communications. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **61049A000 - Communication – Other**

### **Audio and Video Technology and Film**

#### **61051A000 - Audio/Visual Production**

Audio/Visual Production courses provide to students the knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within production courses. Students are usually required to produce their own program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included.

#### **61052A000 - Commercial Photography**

Commercial Photography courses provide instruction in the use of cameras and laboratory film- processing techniques. Topics covered in the course include composition and color dynamics; contact printing; enlarging; developing film; use of camera meters, air brushes, and other photographic equipment; portrait, commercial, and industrial photography; processing microfilm; and preparing copy for printing or for graphic-arts processing.

#### **61053A000 - Photographic Laboratory and Darkroom**

Photographic Laboratory and Darkroom courses prepare students to develop and print still or motion picture film. Topics covered in the course may include controlling resultant prints; touching up negatives; and finishing, coloring, restoring, and copying prints.

#### **61054A000 - Photo Imaging**

Photo Imaging courses provide the opportunity for students to effectively communicate ideas and information via digital, film, still and video photography. Topics covered typically include composition, layout, lighting and supplies. More advanced courses may include instruction in specialized camera and equipment maintenance, application to commercial and industrial need and photography business operations.

### **61055A000 - Video**

Video courses enable students to explore video communications, incorporating both the technical and artistic aspects of video media. Topics covered in the course include the use of video equipment and techniques, and students typically create a video presentation. Advanced course topics may include creating various forms of film media including silent film; sport and music video; and self portrait video.

### **61056A000 - Particular Topics in Audio/Video Technology and Film**

These courses examine specific topics in audio and video technology and film other than those already described.

### **61099A000 - Audio/Video Technology and Film – Other**

## **Journalism and Broadcasting**

### **61101A000 - Journalism**

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

### **61102A000 - Photojournalism**

Photojournalism courses expose students to the manner in which photography is used to convey information and experiences. Typically coordinated with production of the school newspaper, yearbook, or other media product, photojournalism courses provide the opportunity for students to improve their photo composition and film development skills, and to apply their art to journalistic endeavors.

### **61103A000 - Broadcasting Technology**

Broadcasting Technology courses provide to students the knowledge and skills to produce television broadcast programs. Typically, students prepare and produce short programs, learning the technical aspects of the operation and how to evaluate programming and assess audience reaction and impact.

### **61104A000 - Publication Production**

Publication Production courses provide to students the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

### **61105A000 - Particular Topics in Journalism and Broadcasting**

These courses examine specific topics in journalism and broadcasting other than those already described.

### **61147A000 - Journalism and Broadcasting – Independent Study**

Journalism and Broadcasting-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to journalism, broadcasting, and mass media. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

### **61149A000 - Journalism and Broadcasting – Other**

## **Printing Technology and Production**

### **61151A000 - Digital Media Technology**

These courses are designed to give students the skills necessary to support and enhance their learning about digital medical technology. Topics covered in the course may include internet research, copyright laws, web-publishing, use of digital imagery, electronic forums, newsgroups, mailing lists, presentation tools, and project planning.

#### **61152A000 - Desktop Publishing**

Desktop Publishing courses integrate the knowledge and skills learning in word processing with the concepts, procedures and application of desktop publishing. Students learn to format, create and proofread brochures, programs, newsletters, web pages, presentations and manuscripts.

#### **61159A000 - Particular Topics in Printing Technology and Production**

These courses examine specific topics in printing production, such as bookbinding or silkscreen printmaking, other than those already described.

#### **61197A000 - Printing Technology – Independent Study**

Printing Technology-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to the print medium. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **61199A000 - Printing Technology – Other**

### **All Others**

#### **61997A000 Communication and Audio/Video Technology – Independent Study**

Communication and Audio/Video Technology-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to mass communication and its technologies.

Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills. **61999A000**

#### **Communication and Audio/Video Technology – Other**

### **Subject Area - 62 Business and Marketing (prior-to-secondary)**

#### **Administration**

##### **62001A000 - Business/Office Career Exploration**

Business/Office Career Exploration courses expose students to the occupational opportunities available in the accounting, administration, data processing, management, and secretarial fields. Emphasis is placed on responsibilities, qualifications, work environment, and career paths. These courses may also include consumer education topics, keyboard exposure, and/or hands-on experience within the various occupational areas.

##### **62005A000 - Keyboarding**

Keyboarding courses provide an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

### **62006A000 - Word Processing**

Word Processing courses introduce students to automated document production using one or more software packages. These courses may introduce keyboarding techniques or may require prior experience; in either case, speed and accuracy are emphasized. A parallel focus is placed on the use of software commands and functions to create, edit, format, and manipulate documents, capitalizing on the power offered by word- processing software programs. These courses may also cover file and disk management and other computer- related skills.

### **62008A000 - Particular Topics in Administration**

These courses examine specific topics related to business administration not otherwise described, such as a focus on dictation or office machinery, rather than provide a general study of office administration principles and techniques.

### **62047A000 - Administration – Independent Study**

Administration-Independent Study courses, often conducted with instructors as mentors, enable students to explore business administration-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

## **Management**

### **62051A000 - Introductory Business**

Introductory Business courses survey an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the American economic system and corporate organization. Introductory Business courses may also expose students to the varied opportunities in secretarial, accounting, management, and related fields.

### **62097A000 - Management – Independent Study**

Management-Independent Study courses, often conducted with instructors as mentors, enable students to explore business management-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

## **Finance**

### **62101A000 - Banking and Finance**

Banking and Finance courses provide an overview of the American monetary and banking system as well as types of financial institutions and the services and products that they offer. Course content may include government regulations; checking, savings, and money market accounts; loans; investments; and negotiable instruments.

### **62147A000 - Finance – Independent Study**

Finance-Independent Study courses, often conducted with instructors as mentors, enable students to explore business finance-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

## Marketing

### **62151A000 - Marketing Career Exploration**

Marketing Career Exploration courses expose students to the opportunities available in retail, wholesale, advertising, and other occupational fields using marketing principles.

### **62152A000 - Marketing – Comprehensive**

Marketing-Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include market research, the purchasing process, distribution systems, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship.

### **62197A000 - Marketing – Independent Study**

Marketing-Independent Study courses, often conducted with instructors as mentors, enable students to explore marketing-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

## All Others

### **62997A000 - Business and Marketing – Independent Study**

Business and Marketing-Independent Study courses, often conducted with instructors or professionals as mentors, enable students to explore business or marketing-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

### **62999A000 - Business and Marketing – Other**

## Subject Area - 63 Manufacturing (prior-to-secondary)

### Manufacturing Technology

#### **63001A000 - Exploration of Manufacturing Occupations**

Exploration of Manufacturing Occupations courses introduce and expose students to career opportunities pertaining to the processing and production of goods. Course topics vary and may include (but are not limited to) systems pertinent to the manufacturing process, properties of various raw materials, and the methods used to transform materials into consumer products. Course activities depend upon the careers being explored; course topics may include entrepreneurship, labor laws, and customer service.

#### **63003A000 - Industrial Arts**

Industrial Arts courses expose students to the tools and machines that they may encounter in manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics typically include (but are not limited to) drawing and planning, electricity, graphic arts, woodwork, leatherwork, metalwork, plastics, and power technology. These courses typically cover general safety and career exploration as well.

## Processing/Production

### 63052A000 - Material and Processes

Materials and Processes courses expose students to the tools, machines, and processes that may be encountered in manufacturing-related occupations. In particular, these courses emphasize the analysis, testing, and processing of metals, plastics, woods, ceramics, and composite materials.

## All Others

### 63997A000 - Manufacturing – Independent Study

Manufacturing-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics related to manufacturing. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

### 63999A000 - Manufacturing – Other

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## Subject Area - 64 Health Care Sciences (prior-to-secondary)

## Comprehensive

### 64001A000 - Exploration of Health Care Occupations

Exploration of Health Care Occupations courses exposes students to the variety of opportunities available within the health care industry (e.g., nursing, therapy, dental care, administrative services, and lab technology). These courses provide experiences in several of these occupational clusters, along with information and knowledge related to the health care industry as a whole.

### 64001A001 - Medical Detectives (PLTW GTT) CTE Course

Students explore the biomedical sciences through hands-on projects and labs that require the students to solve a variety of medical mysteries. Students investigate medical careers, vital signs, diagnosis and treatment of diseases, as well as human body systems such as the nervous system. Genetic testing for hereditary diseases and DNA crime scene analysis put the students in the place of real life medical detectives.

### 64002A000 - Health Care Occupations – Comprehensive

Health Care Occupations-Comprehensive courses provide an orientation to the health care industry and help refine students' health care-related knowledge and skills. Topics covered usually include (but are not limited to) an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; laboratory procedures; and ethical and legal responsibilities.

## All Others

### 64997A000 - Health Care Sciences – Independent Study

Health Care Sciences-Independent Study courses, often conducted with instructors as mentors, enable students to explore health-related topics of interest. Independent Study courses may provide an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.

### 64999A000 - Health Care Sciences – Other



## **Subject Area - 65 Public/ Protective/ and Government Service (prior-tosecondary)**

**65001A000 - Exploration of Public Service Careers** Exploration of Public Service Careers courses exposes students to the duties, responsibilities, requirements, and career opportunities within public service. Course topics vary and may include (but are not limited to) protective services; correction, judicial, and probation services; fire protection and fire fighting; public administration; and social work. Course activities depend upon the career clusters that students explore.

### **65997A000 - Public, Protective, and Government Service – Independent Study**

Public, Protective, and Government Service-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to public, protective, and government service. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

### **65999A000 - Public, Protective, and Government Services – Other**

## **Subject Area –**

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### **66 Hospitality and Tourism (prior-to-secondary)**

#### **66001A000 Exploration of Hospitality Careers**

Exploration of Hospitality Careers courses surveys a wide array of topics while exposing students to the variety of career opportunities in hospitality fields (such as food service, lodging, tourism, and recreation). These courses introduce students to the general field of hospitality, providing an opportunity to identify a focus for continued study.

#### **66997A000 - Hospitality and Tourism – Independent Study**

Hospitality and Tourism-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within the hospitality and tourism industry. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **66999A000 - Hospitality and Tourism – Other**

### **67 Architecture and Construction (prior-to-secondary)**

#### **67001A000 Construction Careers Exploration**

## **Subject Area –**

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Construction Career Exploration courses expose students to the opportunities available in construction-related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

### **67002A000 - Construction – Comprehensive**

Construction-Comprehensive courses provide the basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

### **67997A000 - Architecture and Construction – Independent Study**

Architecture and Construction-Independent Study courses, often conducted with instructors as mentors, enable students to explore architecture and construction-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

### **67999A000 - Architecture and Construction – Other**

## **68 Agriculture/ Food/ and Natural Resources (prior-to-secondary)**

**68001A000 Introduction to Agriculture and Natural Resources**

## **Subject Area –**

Introduction to Agriculture courses survey a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). These courses serve to introduce students to the agricultural field, providing an opportunity for student to identify an area for continued study or to determine that their interest lies elsewhere. They often focus on developing communication skills, business principles, and leadership skills.

### **68002A000 - Agriculture – Comprehensive**

Agriculture-Comprehensive courses cover a wide range of agricultural topics, including plant and animal science, production, and processing; agricultural mechanics, including tool and machine operation and repair; construction and repair of farm structures; business operations and management; and the careers available in the agricultural industry. Courses may also include topics such as chemical and soil science, ecology, agricultural marketing, and veterinary science.

### **68003A000 - Agriculture and Natural Resources – Comprehensive**

Agriculture and Natural Resources-Comprehensive courses cover a wide range of topics concerning agriculture and natural resources, including plant and animal science, production, and processing; environmental science and conservation; ecology; agricultural mechanics; agricultural construction; business operations and management; and the careers available in the agricultural/natural resources industry. Courses may also include topics such as chemical and soil science, forestry, agricultural marketing, and veterinary science.

### **68003A001 - Exploratory Agricultural Science      CTE Course**

This exploration course provides the opportunity to learn fundamental concepts in agriculture to serve as a foundation for future courses and to inform students about the industry that is so vital to society and to their future. Major units of instruction include an introduction to the agricultural industry, animal science, plant science, horticulture science, agribusiness, environmental science, agricultural mechanics, food science, and leadership and personal development. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

### **68003A002 - Exploratory Horticultural Science      CTE Course**

This exploration course provides the opportunity to learn fundamental concepts in horticulture to serve as a foundation for future courses and to inform students about the fastest growing sector of the Agricultural Industry. Major units of instruction include introduction to the horticulture industry, plant science, plant identification, plant propagation, marketing products from horticulture, and leadership and personal development. Participation in FFA student organization activities is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

### **68997A000 - Agriculture, Food, and Natural Resources – Independent Study**

Courses in Agriculture, Food, and Natural Resources-Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to agriculture, food, and natural resources. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

### **68999A000 - Agriculture, Food, and Natural Resources – Other**

## Subject Area –

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### **69 Human Services (prior-to-secondary)**

#### **69001A000 Human Services Career Exploration**

Human Services Career Exploration courses introduce and expose students to career opportunities pertaining to the provision of personal and consumer services for other human beings. Course topics vary and may include (but are not limited to) caring for others, education, cosmetology, apparel/textiles, entrepreneurship, labor laws, and customer service. Course activities depend upon the careers being explored.

#### **69997A000 - Human Services – Independent Study**

Human Services-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to providing human services. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **69999A000 - Human Services – Other**

## **Subject Area**

### **- 70 Transportation/Distribution/and Logistics (prior-to-secondary)**

#### **70001A000 Exploration of Transportation, Distribution, and Logistics**

Exploration of Transportation, Distribution, and Logistics courses introduce students to careers that involve the planning, management, and movement of people, materials, and products using any of several modes of transport. Such careers may also involve infrastructure, vehicular maintenance and repair, and operating or managing facilities that hold what is being transported. Therefore, specific course topics vary widely and depend upon the careers being explored.

#### **70997A000 - Transportation, Distribution, and Logistics – Independent Study**

Transportation, Distribution, and Logistics-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to transportation, distribution, and logistics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

#### **70999A000 - Transportation, Distribution, and Logistics – Other**

## **Subject Area - 71 Engineering and Technology (prior-to-secondary)**

### **Engineering**

#### **71001A000 - Pre-Engineering Technology**

Pre-Engineering Technology courses integrate technology-oriented applications of mathematics and science into preengineering activities for students. Course topics may include material sciences, technology processes, enterprises, and career opportunities.

#### **71001A001 - Science of Technology (PLTW GTT) CTE Course**

Students trace how science has affected technology throughout history and learn about applied physics, chemical engineering and nanotechnology through exploratory activities and projects.

#### **71001A002 - Exploring Technology (Ebd) CTE Course**

This course helps to develop an understanding of the progression and scope of technology through exploratory experiences. In group and individual activities, students experience ways in which technological knowledge and processes contribute to effective designs, abilities, and skills contribute to effective design and solutions to technological problems. Students participate in design activities to understand how criteria, constraints, and processes affect designs.

#### **71002A000 - Engineering Applications**

Engineering Applications courses provide an overview of the practical uses of a variety of engineering applications. Topics covered usually include hydraulics, pneumatics, computer interfacing, robotics, computer-aided design, computer numerical control, and electronics.

#### **71002A001 - Automation and Robotics (PLTW GTT) CTE Course**

Students trace the history, development, and influence of automation and robotics. They learn about mechanical systems, energy transfer, machine automation and computer control systems. Students acquire knowledge and skills in problem solving, teamwork collaboration and innovation.

#### **71002A002 - Flight and Space (PLTW GTT) CTE Course**

Students study the history of aerospace through hands-on activities, research and a presentation in the form of an infomercial. Students explore the science behind aeronautics and use their knowledge to design, build and test a model glider. Simulation software is used to expose students to traveling and living in space.

#### **71002A003 - Magic of Electrons (PLTW GTT) CTE Course**

Through hands-on projects, students explore the science of electricity, the behavior and parts of atoms, circuit design and sensing devices. Students acquire knowledge and skills in basic circuitry design and explore the impact of electricity on their lives.

#### **71003A000 - Engineering Technology**

Engineering Technology courses provide an opportunity to focus on one or more areas of industrial technology. Students apply technological processes to solve real engineering problems; develop the knowledge and skills to design, modify, use, and apply technology; and may also design and build prototypes and working models. Topics covered in the course include the nature of technology, use of technology, and design processes.

### **71004A000 - Principles of Engineering**

Principles of Engineering courses provide an understanding of the engineering/technology field. Students typically explore how engineers use various technology systems and manufacturing processes to solve problems; they may also gain an appreciation of the social and political consequences of technological change.

### **71004A001 - Energy and the Environment (PLTW GTT) CTE Course**

Students investigate the importance of energy in our lives and the impact energy use has on the environment. They design and model alternative energy sources and participate in an energy expo to demonstrate energy concepts and innovative ideas. Students evaluate ways to reduce energy consumption through energy efficiency and waste management techniques.

### **71004A002 - Technological Systems (EbD) CTE Course**

This course is intended to teach students how technological systems work together to solve problems and capture opportunities. Students participate in engineering design activities to understand how criteria, constraints, and processes affect designs. This course will give students a general background on the different types of systems, but will concentrate more on the connections between these systems.

### **71004A003 - Green Architecture (PLTW GTT) CTE Course**

In a world of increasing costs, from construction materials to energy use, it is important to expose the next generation of builders to the concept of "being green."

In the wake of a hurricane, tsunami, or forest fire, many affordable homes are needed quickly; students will learn how to provide necessary housing and repurpose otherwise unused building materials.

### **71005A000 - Engineering – Comprehensive**

Engineering-Comprehensive courses introduce students to and expand their knowledge of major engineering concepts such as modeling, systems, design, optimization, technology-society interaction, and ethics. Particular topics often include applied engineering graphic systems, communication of technical information, engineering design principles, material science, research and development processes, and manufacturing techniques and systems. The courses may also cover the opportunities and challenges in various branches of engineering.

### **71006A000 - Engineering Design**

Engineering Design courses offer students experience in solving problems by applying a design development process. Often using solid modeling computer design software, students develop, analyze, and test product solutions models and communicate the features of those models.

### **71006A001 - Design and Modeling (PLTW GTT) CTE Course**

This unit uses solid modeling software (a sophisticated mathematical technique for representing solid objects) as part of the design process. Utilizing this design approach, students understand how design influences their lives. Students also learn sketching techniques and use descriptive geometry as a component of design, measurement and computer modeling. Students brainstorm, research, develop ideas, create models, test and evaluate design ideas and communicate solutions.

### **71006A002 - Invention and Innovation (EbD) CTE Course**

This course provides students with opportunities to apply the design process in the invention or innovation of a new product, process, or system. It will help develop a student's understanding of the scope of technology and the nature of technological design and problem-solving processes. Students will be involved in activities and experiences where they learn about brainstorming, visualizing, modeling, constructing, testing, experimenting, and refining designs.

### **71009A000 - Robotics**

Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers.

### **71047A000 - Engineering – Independent Study**

Engineering-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to engineering. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

### **71049A000 - Engineering – Other**

## **Technology**

### **71051A000 - Technological Literacy**

Technological Literacy courses expose students to the communication, transportation, energy, production, biotechnology, and integrated technology systems and processes that affect their lives. The study of these processes enables students to better understand technological systems and their applications and uses.

### **71052A000 - IB Technology, Middle Years Program IB Course**

International Baccalaureate (IB) Technology, Middle Years Program courses are essentially concerned with solving problems, and they encourage students to investigate, design, plan, create, and evaluate. Content is balanced among systems, information, and materials, but the particular technology subjects may vary.

### **71097A000 - Technology – Independent Study**

Technology-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to technology systems and processes. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

## **Drafting**

### **71102A000 - Drafting – General**

Drafting-General courses introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting- General courses use exercises from a variety of applications to provide to students the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

### **71147A000 - Drafting – Independent Study**

Drafting-Independent Study courses, often conducted with instructors as mentors, enable students to explore drafting-related topics of interest. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

## **All Others**

### **71997A000 - Engineering and Technology – Independent Study**

Engineering and Technology-Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest related to engineering and/or technology. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

### **71999A000 - Engineering and Technology – Other**

## **Subject Area - 72 Academic Enrichment**

### **72001A000 - Standardized Test Preparation**

Standardized Test Preparation courses help to prepare students for national standardized tests. In particular, these courses assist students in developing and/or expanding their vocabulary, test-taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies.

### **72002A000 - State Test Preparation**

State Test Preparation courses prepare students for particular state tests required for graduation. These courses may cover specific content areas (such as citizenship, mathematics, language arts, and so on) according to individual student needs, or they may provide a more general course of study, similar to the Standardized Test Preparation course described above.

### **72003A000 - Study Skills**

Study Skills courses prepare students for success in high school and/or postsecondary education. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, notetaking, and outlining; library and research skills; listening and note taking; vocabulary skills; and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing.

### **72004A000 - Dropout Prevention Program**

Dropout Prevention Program courses vary widely, but typically are targeted at students who have been identified as being at risk of dropping out of or failing in school. Course content may include study skills and individual tutorials; career exploration or job readiness skills; communication skills; personal assessment and awareness activities; speaker presentations; and small-group seminars.

### **72005A000 - Tutorial**

Tutorial courses provide the assistance students need to successfully complete their coursework. Students may receive help in one or several subjects.

### **72006A000 - Study Hall**

Study Hall courses provide the opportunity and time for students to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom.

### **72007A000 - Advancement Via Individual Determination (AVID)**

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

## **School Organization/Leadership**

### **72001A000 - Standardized Test Preparation**

Standardized Test Preparation courses help to prepare students for national standardized tests. In particular, these courses assist students in developing and/or expanding their vocabulary, test-taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies.

### **72002A000 - State Test Preparation**

State Test Preparation courses prepare students for particular state tests required for graduation. These courses may cover specific content areas (such as citizenship, mathematics, language arts, and so on) according to individual student needs, or they may provide a more general course of study, similar to the Standardized Test Preparation course described above.

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Study Skills courses prepare students for success in high school and/or postsecondary education. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, notetaking, and outlining; library and research skills; listening and note taking; vocabulary skills; and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing.

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Study Hall courses provide the opportunity and time for students to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom.

#### **72007A000 - Advancement Via Individual Determination (AVID)**

AVID courses encourage students to pursue college readiness (and eventual enrollment). Typically, the courses offer activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary, and be motivated to aspire to college education.

#### **72101A000 - Leadership**

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

#### **72102A000 - School Orientation**

School Orientation courses provide to students an introduction to the culture of their school so that they understand staff expectations and the school's structure and conventions. These courses may vary widely according to the philosophy, aims, and methods of each school.

### **72103A000 School Governance**

School Governance courses convene students as an entire student body to discuss common concerns, organize groups for action, make decisions, and solve school-related problems. Because of the nature of these courses, they are typically offered at private, alternative, or experimental schools.

### **72104A000 - Community Service**

Community Service courses provide the opportunity for students to volunteer their time, energy, and talents to serve a community project or organization. These courses are usually (but not always) conducted with a seminar component, so that students can use their volunteer experiences to learn how to solve problems, make decisions, and communicate effectively.

### **72105A000 - Values Clarification**

Values Clarification courses enable students to explore individual and societal actions and implications in order to help them develop personal values and make decisions about their lives. Examples of discussion topics include philosophy and religion, world resource allocation, genetic engineering, environmental issues, and death-related issues (euthanasia, suicide, and abortion).

### **72106A000 - Seminar**

Seminar courses vary widely, but typically offer to a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills.

## **Career Exploration/Development**

### **72151A000 Career Exploration**

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests, with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

### **72152A000 Employability Skills**

Employability Skills courses help students match their interests and aptitudes to career options, with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in and advance within the workplace. Course content may also include consumer education and personal money management topics.

## **Family and Consumer Sciences**

### **72151A000 - Career Exploration**

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests, with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

### **72152A000 - Employability Skills**

Employability Skills courses help students match their interests and aptitudes to career options, with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in and advance within the workplace. Course content may also include consumer education and personal money management topics.

### **72201A000 - Family and Consumer Science – Comprehensive**

Family and Consumer Science-Comprehensive courses are inclusive studies of knowledge and skills that are useful for the efficient and productive management of the home. Course topics typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions and personal financial management; and interpersonal relationships.

### **72202A000 - Food and Nutrition**

Food and Nutrition courses provide an understanding of food's role in society, instruction in how to plan and prepare meals, experience in the proper use of equipment and utensils, and background on the nutritional needs and requirements for healthy living. Some classes place a heavier emphasis on the nutritional components of a balanced diet, while others concentrate on specific types of food preparation. Although these courses may present career opportunities in the food service industry, their emphasis is not career related.

### **72203A000 - Food Science**

Food Science courses offer opportunities for students to study the composition, structure, and properties of foods and the chemical changes that occur during the processing, storage, preparation, and consumption of food. These courses often explore the effects of various materials, microorganisms, and processes on food products through laboratory experiments.

### **72205A000 - Clothing/Sewing**

Clothing/Sewing courses introduce students to and expand their knowledge of various aspects of wearing apparel, sewing, and fashion. These courses typically include wardrobe planning; selection, care, and repair of various materials; and construction of one or more garments. They may also include related topics, such as fashion design, fashion history, the social and psychological aspects of clothing, careers in the clothing industry, and craft sewing.

### **72206A000 - Life Skills**

Life Skills courses provide information about a wide range of subjects to assist students in becoming wise consumers and productive adults. These courses often emphasize such topics as goal setting, decision making, and setting priorities; money and time management; relationships; and the development of the self. Practical exercises regarding selecting and furnishing houses, meeting transportation needs, preparing food, selecting clothing, and building a wardrobe are often integral to these classes. In addition, specific topics such as insurance, taxation, and consumer protection may also be covered.

### **72207A000 - Self-Management**

Self-Management courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal setting; decision making; management of time, energy, and stress; and identification of alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.

### **72208A000 Family Living**

Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

### **72209A000 - Personal Development**

Similar to Family Living courses, but more focused on the individual, Personal Development courses emphasize strengthening self-esteem, recognizing and resisting negative peer pressure, and developing coping skills for dealing with changes within one's self and within others. These courses may also have a substance- abuse prevention component.

### **72210A000 - Consumer Economics/Personal Finance**

Consumer Economics/Personal Finance courses provide an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy.

### **72249A000 - Family and Consumer Science – Other**

## **All Others**

### **72250A000 - Exploratory**

Exploratory courses provide a brief introduction to a variety of topics, typically elective subject areas, often in the form of discrete units or modules. Students may choose to take courses later that allow them to pursue the topics introduced in more depth. Topics may vary widely and span multiple subject areas within one course.

### **72260A000 - IB Personal Project, Middle Years Program      IB Course**

International Baccalaureate (IB) Personal Project, Middle Years Program courses occur during the final year of the program and should result in a significant piece of work that is the product of the student's own initiative and creativity. Students choose their projects, which may take many forms, and complete them under the supervision of a teacher. Projects involve planning, research, and a high degree of personal reflection.

### **72995A000 - Miscellaneous – Aide**

Miscellaneous-Aide courses offer the opportunity for students to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students.

### **72999A000 - Miscellaneous – Other**

## **Subject Area - 73 Non-subject Specific (prior-to-secondary)**

### **73028AEXP - Preschool Expansion – Pre-Kindergarten**

The child is attending a full day preschool classroom that meets all of the Preschool Expansion requirements.

### **73028AHSE - Head Start – Pre-Kindergarten**

The child is attending a Head Start classroom for 3 to 5 year old children. Funding for this classroom comes solely from federal Head Start funds.

### **73028APFA - Preschool for All – Pre-Kindergarten**

The child is attending a preschool classroom for 3 to 5 year old children. Funding for this classroom comes from the Preschool for All Initiative of the Early Childhood Block Grant.

### **73028APLD - Preschool Local District – Pre-Kindergarten**

The child is attending a preschool classroom for 3 to 5 year old children. Funding for this classroom is locally funded with District funds.

### **73028ASPE - Preschool IDEA – Pre-Kindergarten**

The child is attending a preschool classroom for 3 to 5 year old children. Funding for this classroom is paid with Federal IDEA or state Special Education funds.

### **73028ATBP - Tuition Based Preschool – Pre-Kindergarten**

The child is attending a preschool classroom for 3 to 5 year old children. Funding for this child in the classroom is paid through parents paying tuition.

### **73028ATIT - Pre-K Title I – Pre-Kindergarten**

The child is attending a preschool program for 3 to 5 year old children. Funding for this child in the classroom comes solely from NCLB, Title I, Part A. Funding for this classroom does not include funds from the Early Childhood Block Grant or Head Start.

### **73030A000 - Non-subject Specific Kindergarten**

Represents Kindergarten courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for kindergarten.

### **73031A000 - Non-subject Specific Grade 1**

Represents Grade 1 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 1.

### **73032A000 - Non-subject Specific Grade 2**

Represents Grade 2 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 2.

### **73033A000 - Non-subject Specific Grade 3**

Represents Grade 3 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 3.

### **73034A000 - Non-subject Specific Grade 4**

Represents Grade 4 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 4. **73035A000 Non-subject Specific Grade 5**

Represents Grade 5 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 5.

### **73036A000 - Non-subject Specific Grade 6**

Represents Grade 6 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 6.

### **73037A000 - Non-subject Specific Grade 7**

Represents Grade 7 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 7.

**73038A000 - Non-subject Specific Grade 8**

Represents Grade 8 courses that are not differentiated by subject area-that is, instances in which students are enrolled in a grade-specified course and are taught various subjects throughout the day, rather than being enrolled in subject-specific courses. Specific course content depends upon state standards for grade 8.