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ACADEMIC CONTENT AREAS

Fine Arts Section

Dance Codes (0803xx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
080312	Introduction to Dance: A study of the skills and processes necessary to understand and experience dance as an art form and as a means of meaningful communication. Emphasis is placed on kinesthetic intelligence and the fundamentals of dance and choreography. Study also emphasizes the role of dance throughout history and in different cultures.	FAR	Arts
080315	Comprehensive Dance: A comprehensive study of the knowledge and processes of creating, performing, responding to, and representing ideas through the art form of dance. Multiculturalism, art history, art criticism and aesthetics are incorporated into course content and dance experiences for individual and group learning.	FAR	Arts

Drama/Theatre Arts Codes (050xxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
050337	Drama/Theatre in grades K-8: The study of dramatic elements and theatrical techniques, particularly in an improvisational, non-exhibitional, process-centered manner, designed to develop imagination, communication, and expressive skills.	FAR	Arts
050600	Theatre Arts: Subject matter and experiences are concerned with a wide range of studies and activities including playwriting, dramatic literature, scene design, technical theatre, acting, directing, and the supporting of arts and crafts of the theatre and of selected aspects of video, radio, television and film.	FAR	Arts

Music Codes (12xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
122000	Music (K-8): Organized study of the elements and styles of music and the historical, cultural and societal context of music designed for all pupils in grades K-8.	FAR	Arts
120000	General Music: Organized subject matter and musical experiences consisting of an extensive and varied study of music designed for all pupils in grades K-12.	FAR	Arts
120300	Music Theory: The study of the principles of music, including rudiments, harmony, counterpoint, form and analysis, orchestration and skills such as sight singing, ear training, conducting and composing.	FAR	Arts

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
120400	Vocal/Choral Music: Learning experiences designed for the study of vocal / choral repertoire and the development of vocal / choral skills through solo and ensemble performance.	FAR	Arts
120500	Instrumental Music: Learning experiences designed for the study of instrumental repertoire and the development of instrumental skills through solo and ensemble performance.	FAR	Arts
120800	Music Appreciation: Organized subject matter and learning experiences designed to further pupils' knowledge, comprehension, and appreciation of various types and styles of music.	FAR	Arts
129926	AP Music Theory: An advanced study of melody, harmony, texture, rhythm, form, musical analysis and composition. Follows the current Advanced Placement syllabus.	FAR	Arts
129999	Other Music Course: A music course that is given for high school credit toward graduation-that is different in scope from any of the other SUBJECT CODES described above and which addresses important content (knowledge and skills) in the study of music.	FAR	Arts

Visual Art Codes (02xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
020012	Visual Art (K-12): A study of the knowledge, skills and processes for observing, creating, responding and communicating in ways that are unique to visual art. Art production and the construction of meaning in visual artworks are complimentary learning activities. Course content may include meaningful connections between visual art and other disciplines to enable students to understand art in a broader context.	FAR	Arts
020100	Art Appreciation: The study of works of visual art from various historical, cultural and social contexts. Instruction addresses multiple strategies for inquiry to enable students to develop and present their own views and responses to specific artworks and to discuss the viewpoints of others.	FAR	Arts
020101	Art History: This course examines the reciprocal impact between visual art and historical, cultural, social and political contexts. Key artworks are studied chronologically and thematically with emphasis on subject matter, ideas, and the formal, technical and expressive aspects of the works.	FAR	Arts
020210	Design: This course emphasizes study of the elements and principles of art and design. Students explore, organize, and use the elements and principles to create two- and three-dimensional original work in various forms and media.	FAR	Arts
020240	Crafts: Students acquire utilitarian skills including weaving, jewelry-making, fabric crafting, basketry, metalsmithing, leather-shaping, and wood-forming. Objects by professional craftspersons are studied for their formal, expressive, and technical qualities.	FAR	Arts
020242	Ceramics: Original objects (primary pottery and sculpture) are created with clay using hand building, casting, wheel forming, and glazing techniques. Objects created by professional ceramists are examined for their expressive, formal, and technical qualities.	FAR	Arts

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
020250	Drawing and Painting: Pencil, pen and ink, chalk, charcoal, acrylics, oils, and watercolors are explored to create original personal images. Drawings and paintings by culturally and historically representative artists are examined for their formal, expressive, and technical qualities.	FAR	Arts
020270	Photography and Film Making: Still and motion picture camera procedures are investigated along with darkroom developing and printing techniques. The expressive, formal, and technical qualities of professional work are studied.	FAR	Arts
020280	Printmaking: Linoleum block printing, woodblock printing, silk-screen printing, and etching are studied as processes for expressing ideas. Professional printmakers' products are also examined.	FAR	Arts
020290	Sculpture: Various media such as clay, metal, wood, stone, and wire and various processes such as carving, casting, soldering, and modeling are investigated as means for creating three-dimensional artistic forms. Professional sculptors' works are studied.	FAR	Arts
029902	Advanced Visual Art: An advanced course of organized subject matter and experiences in art. Works from different cultures and time periods as well as those created by the students are studied.	FAR	Arts
020320	Graphic Arts/Unified Arts: Computer design is explored to develop understanding of techniques, processes and possibilities of electronic media to understand, create and appreciate visual art.	FAR	Arts
029100	AP Studio Art – Drawing: An advanced placement course in drawing for students who are highly motivated and have previous training in art. Follows the current Advanced Placement syllabus.	FAR	Arts
029110	AP Studio Art – 2D Design: An advanced placement course in two-dimensional art design for students who are highly motivated and have previous training in art. Follows the current Advanced Placement syllabus.	FAR	Arts
029120	AP Studio Art – 3D Design: An advanced placement course in three-dimensional art design for students who are highly motivated and have previous training in art. Follows the current Advanced Placement syllabus.	FAR	Arts
029130	AP Art History: An advanced study of art history. Follows the current Advanced Placement syllabus.	FAR	Arts
029999	Other Visual Art Course: A course that is given for high school credit toward graduation, but that is different in scope from any of the other SUBJECT CODES described above and which addresses important content (knowledge and skills) in the study of visual art.	FAR	Arts

Business Education (Non-Career Technical) Codes (03xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
030100	Accounting & Bookkeeping: Maintenance and analysis of standard financial business records.	BST	—
033450	Business (Other): Abbreviated written and/or electronic communications.	BST	—
031800	Business Economics: Science dealing with the production, distribution, and consumption of commodities.	BST,SOC	Economics
030600	Business English: This course is designed to provide instruction in the study of oral and written language as it applies to business.	BST, ENG	English
030900	Business Law: Legal concepts related to business.	BST	—
030500	Business Math: Business problem solving using computation skills both with and without automated equipment. The content of a course for which math credit is given should be aligned with Ohio Academic Content Standards and include business-related applications.	BST, MTH	Mathematics
031500	Consumer Education: Making intelligent consumer decisions regarding budgeting, housing, debt, insurance, savings, investments, consumer problems, and current consumer issues.	BST	—
031700	Data Systems: Introduction to networking, software development, and business systems operation.	BST, TEC	—
032300	Introduction/General Business/Sales: Study of business operations including framework, legal aspects, start-up, financing, sales, management, and standard practices.	BST	—
036000	Keyboarding/Typing/Word Processing: Transforming input into printed communication using the touch method on computers, keyboards, and similar equipment.	BST	—
032800	Office Practices: Training in office practices and procedures, office technology, office environment, records management, human relations, and telephone skills.	BST	—

English Language Arts Section

English Language Arts Codes (05xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
050102	Reading K-3: This course should address the content in the K-3 portion of Ohio's academic content standards for reading. Reading instruction should include the reading of a variety of text (e.g., informational and literary), application of comprehension strategies and the building and extending of vocabulary.	N/A	Reading
050104	Reading 4-6: This course should address the content in the 4-6 portion of Ohio's academic content standards for reading. Reading instruction should include the reading of a variety of text (e.g., informational and literary), applications of the comprehension strategies and the building and extending of vocabulary.	N/A	Reading

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
050106	Reading 7-8: This course should address the content in the 7-8 portion of Ohio's academic content standards for reading. Reading instruction should include the reading of a variety of text (e.g., informational and literary), applications of the comprehension strategies and the building and extending of vocabulary.	N/A	Reading
050152	Integrated English Language Arts K-3: Instruction should be based on the benchmarks and indicators for grades K-3. Students should read grade appropriate text and use a variety of comprehension strategies for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned task and use effective communication techniques.	N/A	Language Arts
050154	Integrated English Language Arts 4-6: Instruction should be based on the benchmarks and indicators for grades 4-6. Students should read grade appropriate text and use a variety of comprehension strategies for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned task and use effective communication techniques.	N/A	Language Arts
050156	Integrated English Language Arts 7-8: Instruction should be based on the benchmarks and indicators for grades 7-8. Students should read grade appropriate text and use a variety of comprehension strategies for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned task and use effective communication techniques.	N/A	Language Arts
050160	Integrated English Language Arts I: Integrated Language Arts Instruction addresses the content and skills of Ohio's Academic Content Standards for English Language Arts. Instruction should be based on the benchmarks for grades 8-10 and grade level indicators for grade <i>nine</i> . Students will read a variety of texts for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned topics, use an appropriate form to communicate their findings and continue to use effective communication techniques.	ENG	Language Arts
050170	Integrated English Language Arts II: Integrated Language Arts Instruction addresses the content and skills of Ohio's Academic Content Standards for English Language Arts. Instruction should be based on the benchmarks for grades 8-10 and grade level indicators for grade <i>ten</i> . Students will read a variety of texts for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned topics, use an appropriate form to communicate their findings and continue to use effective communication techniques.	ENG	Language Arts

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
050180	Integrated English Language Arts III: Integrated Language Arts Instruction addresses the content and skills of Ohio's Academic Content Standards for English Language Arts. Instruction should be based on the benchmarks for grades 11-12 and grade level indicators for grade <i>eleven</i> . Students will read a variety of texts for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned topics, use an appropriate form to communicate their findings and continue to use effective communication techniques.	ENG	Language Arts
050190	Integrated English Language Arts IV : Integrated Language Arts Instruction addresses the content and skills of Ohio's Academic Content Standards for English Language Arts. Instruction should be based on the benchmarks for grades 11-12 and grade level indicators for grade <i>twelve</i> . Students will read a variety of texts for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned topics, use an appropriate form to communicate their findings and continue to use effective communication techniques.	ENG	Language Arts
050014	Intervention English: This course is designed for remedial study with emphasis on the English language arts Academic Content Standards and the Ohio Graduation Test.	ENG	English
050119	Intervention Reading: This course is designed to provide special assistance in the development of reading skills and strategies for students who cannot construct meaning from what they read. Instruction addresses content from the reading benchmarks of the English language arts Academic Content Standards.	ENG	Reading
050220	Grammar and Usage: This course emphasizes the editing phase of the writing process, providing students a variety of strategies for refining and editing their own writing. Instruction will be centered around the writing benchmarks of the English language arts Academic Content Standards.	ENG	English
050300	Literature: This course is designed to provide instruction in the study of print materials, which have noteworthy content and excellence of style. Students apply the reading process to the various genres of literature. Instruction addresses content from the reading benchmarks of the English language arts Academic Content Standards.	ENG	English
050400	Composition: This course will provide instruction in writing. Students will develop their writing with a focus on expository and persuasive techniques. Journals will be kept and portfolios will be maintained throughout the class. Instruction will be centered around the writing benchmarks of the English language arts Academic Content Standards.	ENG	English
050403	Journalism: This course includes the study and practice of writing, editing and publishing newspapers and periodicals. Instruction centers on the writing and research standards in the English Language Arts Academic Content Standards.	ENG	English
050500	Speech: This course covers subject matter and experiences in speech. A wide spectrum of studies and activities from the scientific (voice science) through the humanistic (rhetoric) will be taught. Behavioral sciences (group dynamics) as well as the artistic (oral interpretation of literature) will also be taught.	ENG	English

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
050545	Applied Communications: This course gives students practice in communication skills of reading, writing, listening and speaking in their chosen vocations. Students learn to deliver presentations that effectively convey information and persuade or entertain audiences. Instruction centers on the Communication: Oral and Visual Standard in the English Language Arts Academic Content Standards.	ENG	English
059920	AP English Language & Composition: This advanced course follows the current AP English syllabus and consists of organized subject matter and experiences emphasized in English that, upon successful completion, grants college credit to the student. Instruction will be centered around the reading and writing benchmarks of the English language arts Academic Content Standards.	ENG	English
059930	AP English Literature & Composition: An advanced study of English literature and composition. Follows the current Advanced Placement syllabus. Instruction will be centered around the reading and writing benchmarks of the English language arts Academic Content Standards.	ENG	English
059999	Other English/Language Arts Course: A topical course that can cover the different aspects of English Language arts. Instruction will be centered around the benchmarks of the English language arts Content Standards.	ENG	English

Family & Consumer Sciences (Non-Career Technical) Codes (23xxxx)

The courses below earn Home Economics Credit.

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
230200	Child Development and Parenting: The developing child and the care and guidance of children.	HEC	—
230100	Clothing and Textiles: Nature, acquisition, and the use of clothing and textiles.	HEC	—
230300	Consumer Education: Consumer education as it relates to the management of homes and families.	HEC	—
230000	Family & Consumer Sciences: Content from a combination of the various areas of family and consumer sciences.	HEC	—
230500	Family Living: Nurturing human development through the life span.	HEC	—
230140	Foods and Nutrition: Food and its role in personal and family living.	HEC	—
230600	Housing and Home Furnishings: Choosing, equipping and furnishing living environments.	HEC	—

Foreign Language Section

Foreign Language Codes (06xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
060101	Arabic: The study of the language and culture of the Arabic world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060102	Chinese: The study of the language and culture of the Chinese-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060103	Greek: The study of the language, literature, and culture of the Ancient Greeks and their influence on modern civilization.	FLR	Foreign Language
060104	Hebrew: The study of the language and culture of the Hebrew-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060107	Latin: The study of the language, literature, and culture of Ancient Rome and its influence on modern civilization.	FLR	Foreign Language
060218	Russian: The study of the language and culture of the Russian-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060221	Swahili: The study of the language and culture of the Swahili-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060227	Czech: The study of the language and culture of the Czech-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060230	French: The study of the language and culture of the French-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060235	German: The study of the language and culture of the German-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060245	Italian: The study of the language and culture of the Italian-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060250	Japanese: The study of the language and culture of the Japanese-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060255	Polish: The study of the language and culture of the Polish-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060265	Spanish: The study of the language and culture of the Spanish-speaking world leading to the ability to communicate in a range of situations and glean meaning from a variety of texts.	FLR	Foreign Language
060900	Foreign Language (Exploratory): A language survey course during which students are exposed to several languages.	FLR	Foreign Language
060207	TESOL–English as a Second Language (ESL): The study of the language and culture of the English-speaking world leading to the ability to function in academic and everyday situations. Designed for individuals whose primary language is not English.	FLR	Foreign Language

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
061050	American Sign Language (ASL): The study of a visual-gestural language used by deaf people in the United States and part of Canada. ASL has its own culture, grammar, and vocabulary; is produced by using the hands, face, and body; and is not derived from any spoken language.	FLR	Foreign Language
069910	AP Chinese: AP Chinese follows the current Advanced Placement syllabus in preparation for the Advanced Placement exam.	FLR	Foreign Language
069914	AP French Language: AP French follows the current Advanced Placement syllabus in preparation for the Advanced Placement exam.	FLR	Foreign Language
069916	AP German Language: AP German follows the current Advanced Placement syllabus in preparation for the Advanced Placement exam.	FLR	Foreign Language
069918	AP Italian Language: AP Italian follows the current Advanced Placement syllabus in preparation for the Advanced Placement exam.	FLR	Foreign Language
069912	AP Japanese: AP Japanese follows the current Advanced Placement syllabus in preparation for the Advanced Placement exam.	FLR	Foreign Language
069922	AP Latin: Vergil: AP Vergil follows the current Advanced Placement syllabus in preparation for the AP exam.	FLR	Foreign Language
069920	AP Russian: AP Russian follows the current Advanced Placement syllabus in preparation for the Advanced Placement exam.	FLR	Foreign Language
069930	AP Spanish Language: AP Spanish follows the current Advanced Placement syllabus in preparation for the Advanced Placement exam.	FLR	Foreign Language
069915	AP French Literature: A formal study of a representative body of literary texts in French for students who have advanced language skills. Follows the most current Advanced Placement syllabus.	FLR	Foreign Language
069935	AP Spanish Literature: A formal study of a representative body of literary texts in Spanish for students who have advanced language skills. Follows the most current Advanced Placement syllabus.	FLR	Foreign Language
069925	AP Latin Literature: AP Latin Literature follows the current AP syllabus in preparation for the AP exam. Students read, translate, analyze, and interpret Latin works.	FLR	Foreign Language
069951	Early Language Learning Arabic: The study of a language and culture other than English in elementary school-Arabic.	FLR	Foreign Language
069952	Early Language Learning Chinese: The study of a language and culture other than English in elementary school-Chinese.	FLR	Foreign Language
069953	Early Language Learning Japanese: The study of a language and culture other than English in elementary school-Japanese.	FLR	Foreign Language
069954	Early Language Learning Italian: The study of a language and culture other than English in elementary school-Italian.	FLR	Foreign Language
069955	Early Language Learning German: The study of a language and culture other than English in elementary school-German.	FLR	Foreign Language
069956	Early Language Learning Hebrew: The study of a language and culture other than English in elementary school-Hebrew.	FLR	Foreign Language
069957	Early Language Learning French: The study of a language and culture other than English in elementary school-French.	FLR	Foreign Language
069958	Early Language Learning Spanish: The study of a language and culture other than English in elementary school-Spanish.	FLR	Foreign Language

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
069959	Early Language Learning Swahili: The study of a language and culture other than English in elementary school-Swahili.	FLR	Foreign Language
069960	Early Language Learning Russian: The study of a language and culture other than English in elementary school-Russian.	FLR	Foreign Language
069961	Early Language Learning Latin: The study of a language and culture other than English in elementary school-Latin.	FLR	Foreign Language
069962	Early Language Learning Greek: The study of a language and culture other than English in elementary school-Greek.	FLR	Foreign Language
069963	Early Language Learning American Sign Language: The study of a language and culture other than English in elementary school-American Sign Language.	FLR	Foreign Language

Health and Physical Education

Health Education Codes (26xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
260101	Health Education: Educational activities that promote understanding, attitudes, and practices consistent with individual, family, and community health needs.	HTH	—
260150	Substance Abuse Prevention: Subject matter and learning experiences which address drug, alcohol, and tobacco abuse situations including prevention, intervention, discipline, and community resources available to the pupil and to the family.	HTH	—
260200	Safety/First Aid/CPR: Subject matter and learning experiences concerned with developing students' awareness and understanding of hazards of every day living, and the knowledge, habits, attitudes, and skills which will enable them to function at an optimum level in the prevention and care of injury situations.	HTH	—
260410	Sports Medicine: Educational activities concerned with the effects of sports and exercise on health and fitness and with the prevention and treatment of athletic injuries.	HTH	—
269999	Other Health: A course that is given for High School credits to be applied toward the diploma, but that is different in scope from any of the other SUBJECT CODES described above.	HTH	—

Physical Education Codes (08xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
080300	Physical Education: A comprehensive subject area which incorporates fundamental motor skills, body control and balance, physical fitness, leisure sports and games skills, cognitive skills, as well as stress management skills.	PHE	—
080405	Lifetime Sports: Activities taught throughout the school life with emphasis on learning experiences that can be turned into healthful lifetime skills.	PHE	—

080505	Adapted Physical Education: Adapted Physical Education is specially designed instruction in physical education. According to federal law, physical education means the development of (a) physical and motor fitness; (b) fundamental motor skills and patterns; and (c) skills in aquatics, dance, and individual and group games and sports.	PHE	—
080900	Outdoor Physical Education: A variety of outdoor leisure and sports activities, such as, fishing, archery, nature study, boating, backpacking, and similar pursuits that enhance students physical health and their understanding of the natural world.	PHE	—
080999	Other Physical Education Course: Other Physical Education course for which high school credit can be earned that is different in scope and content from any of the other courses described above.	PHE	—

Mathematics Section

Mathematics Codes (11xxxx)

Elementary and Middle School Level Mathematics Codes

The following four courses do not earn high school mathematics credit.

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
110003	Mathematics K-3: Instruction provided by a teacher to multiple groups of students rather than in a self-contained classroom setting. Includes content in the preK-3 portion of Ohio's academic content standards for mathematics.	N/A	Mathematics
110150	Mathematics 4-6: Includes content in the 4-6 portion of Ohio's academic content standards for mathematics.	N/A	Mathematics
110175	Mathematics 7-8: Includes content in the 7-8 portion of Ohio's academic content standards for mathematics.	N/A	Mathematics
110050	Advanced Mathematics/Pre-Algebra 6-8: (not for high school credit) Optional program that accelerates completion of the K-8 program and prepares students to enroll in high school level courses prior to grade 9.	N/A	Mathematics

High School Level Mathematics Codes

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
Topic-Focused Mathematics Course Sequence: A four-year program or sequence of courses that address high school level content through topic-focused, discrete courses.			
110301	Algebra I: In-depth study of algebraic concepts and processes to represent and solve problems that involve variable quantities. Includes using and relating graphical and symbolic representations and techniques.	MTH	Mathematics
111200	Geometry: In-depth study of two and three-dimensional geometry including representing problem situations using geometric models, deductive reasoning, and geometry from an algebraic perspective.	MTH	Mathematics

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
110302	Algebra II: Further study of algebraic concepts and processes such as matrices, vectors, and logarithmic and trigonometric functions.	MTH	Mathematics
110099	Advanced Mathematics: The study of advanced topics in functions, algebra, geometry, and data analysis including the conceptual underpinnings of calculus.	MTH	Mathematics
Integrated Mathematics Course Sequence: A four-year program or sequence of courses that address the content in the grades 9-12 portion of Ohio's academic content standards using an integrated approach. All content standards, e.g., algebra, geometry, and data analysis, are included in each course.			
110010	Integrated Mathematics I: The first course in a four-year sequence which addresses the grades 9-12 portion of Ohio's academic content standards for mathematics using an integrated approach.	MTH	Mathematics
110020	Integrated Mathematics II: The second course in a four-year sequence that extends understanding of and addresses new content in algebra, geometry, data analysis, and probability.	MTH	Mathematics
110030	Integrated Mathematics III: The third course in a four-year sequence that expands the study of algebra, geometry, data analysis, probability, and/or discrete mathematics to include greater depth of understanding and application.	MTH	Mathematics
110040	Integrated Mathematics IV: The fourth course in a four-year sequence that addresses advanced content in algebra, geometry, data analysis, probability, discrete mathematics, and/or conceptual underpinnings of calculus.	MTH	Mathematics
Informal Mathematics Course Sequence: Three-year program or sequence of courses that addresses high school level content through concrete models and real-world situations and with less emphasis on symbol-manipulation and formal mathematical structure.			
110480	Basic Algebra: Includes courses with an algebra focus such as Basic Algebra, Informal Algebra, or Applied Algebra. This code should be used for the first year of a two-year Algebra I course and 110301 Algebra I should be used for the second year.	MTH	Mathematics
110490	Basic Geometry: Includes courses with a geometry focus such as Basic Geometry, Informal Geometry, or Applied Geometry.	MTH	Mathematics
110500	Applied Mathematics: Includes new, high school level content and extends understanding of mathematics drawn from topics such as algebra, geometry, data analysis, probability, and/or discrete mathematics with an emphasis on application.	MTH	Mathematics

Additional High School Level Mathematics Codes

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
111950	Intervention Mathematics: (high school credit optional in grades 9-12, not for high school credit below grade 9): Courses that contain little or no new content and are remedial in nature. Use this code for courses designed specifically as intervention for students who have taken and not yet reached the proficient standards on the 9th grade proficiency test or the Ohio Graduation Test. Also use this code for pre-algebra, general mathematics, business mathematics and consumer mathematics courses when instruction is based on the grades 6-8 portion of Ohio's academic content standards.	MTH	Mathematics

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
111300	Discrete Mathematics: The study of mathematical properties of sets and systems that have a countable number of elements including applications of systematic counting techniques and algorithmic thinking to represent, analyze, and solve problems.	MTH	Mathematics
111600	Trigonometry: In-depth study of trigonometric and circular functions including modeling, graphing, and connecting to polar coordinates, complex numbers, and series.	MTH	Mathematics
111850	Transition to College Mathematics: A course designed for students in grades 11-12 making a transition to a college preparatory program. Content includes new topics and revisits some previously addressed topics with increased emphasis on symbol manipulation and mathematical structure.	MTH	Mathematics
111500	Probability and Statistics: In-depth study of probability, data analysis, and statistics including applying the concept of random variables to generate and interpret probability distributions, transforming data to aid in interpretation and prediction, and testing hypotheses using appropriate statistics.	MTH	Mathematics
119550	AP Statistics: Based upon most current Advanced Placement program syllabus and prepares students for Advanced Placement examination.	MTH	Mathematics
110600	Calculus: A formal study of topics from calculus that is not associated with the Advanced Placement Program. Includes the study of limit, series, and differentiation and integration.	MTH	Mathematics
119930	AP Calculus AB: Based upon most current Advanced Placement program syllabus for Calculus AB and prepares students for Advanced Placement examination.	MTH	Mathematics
119960	AP Calculus BC: Based upon most current Advanced Placement program syllabus for Calculus BC and prepares students for Advanced Placement examination.	MTH	Mathematics
119999	Other Mathematics Course: High school level elective course that addresses advanced mathematical topics. Course Other mathematics course for which high school credit can be earned that is different in scope from any of the other SUBJECT CODES described above. Course that address concepts and skills below the 9-12 portion of Ohio's academic content standards for mathematics should be coded as 119950 Intervention Mathematics.	MTH	Mathematics

Science Section

Science Codes (13xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
132110	Science (PreK-3): Early Childhood Science course for grades PreK-3 which enables all students to develop standards based knowledge and skills: changes on the earth and in the sky, living and nonliving environmental resources, rocks and soil, sky and earth cycles; characteristics and diversity of plants and animals, habitats, interactions between living things and their environment, interdependence and survival of plants and animals in Ohio, heredity; characteristics of objects and how they move, forces, physical interactions and changes, sources of energy, light and sound; natural or manmade objects, tools and materials, building/using technology, purpose, process and effects of science and technology; design process; different ways people learn about science, science in all societies, the nature of science investigation; measurement, tools and safety; ethical practices; scientific inquiry involving wondering, questioning, investigating, and communicating.	N/A	Science
132120	Science (4-6): Middle childhood course for grades 4-6 which enables all students to develop standards based knowledge and skills: includes rocks, weather, erosion, the Earth and it's place in the solar system; diversity of animal classifications and adaptations, plant classifications and adaptations, ecosystems; forces and motion, physical and chemical changes in matter, thermal and electric energy and it's transfer; renewable and nonrenewable resources, simple design process, helpful and harmful results, technology and human lives, design processes, technology and the environment; documentation of science investigations, careers in science, thinking scientifically is helpful in daily life; using results and data, explanation of observations and investigations, methods of investigation, facts and theories; safely conducting investigations, measuring and collecting, formulating conclusions, and communicating findings.	N/A	Science
132130	Science (7-8): Middle Childhood course for grades 7-8 which enables all students to develop standards based knowledge and skills: includes rocks and minerals, weather and climate, space, plate tectonics, theories related to the changes of the Earth's surface; cells, reproduction, diversity and factors of ecosystems, similarities and differences among species, survival of species; chemical and physical changes, nature of energy, conservation of matter and energy, forces and motion, waves; technological design and influences on the quality of life, abilities to do technological design, ethical issues of technology, design solutions, history and relationships between culture, society and technology; skills of scientific inquiry, science practiced in everyday life, validity of scientific experiments, ethical practices, describing and explaining in science; conducting safe investigations using proper tools, applying mathematics skills, evaluating and analyzing variables of data, and drawing valid conclusions based on evidence.	N/A	Science

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
132212	Integrated Sciences I: Physical Sciences: Core science course that contributes to the OGT competencies. Integrated high school core course to develop standards based knowledge and skills: including atoms, chemical reactions, physical properties, mixtures and solutions, laws of motion, forces, energy, waves, historical perspectives and emerging issues; processes within and on the earth, earth's history through geologic evidence, resources; relationship between technology and science; diversity of scientific investigations, scientific theories, scientific literacy, scientific conclusions, and modeling investigations.	SCI	Science
132214	Integrated Sciences II: Biological Sciences: Core science course that contributes to the OGT competencies. Integrated high school core course to develop standards based knowledge and skills: including cells, genetics and DNA, diversity of life, ecology, biological evolution, historical perspectives and emerging issues; processes within and on the Earth, earth's history through geologic evidence, resources; scientific advances and emerging technologies; nature of science inquiry, ethics in science, science and careers, and modeling investigations.	SCI	Science
132216	Integrated Sciences III: Environmental Sciences: Integrated high school core course to develop standards based knowledge and skills: including interactions between humans and the Earth; ecosystems, environmental factors, biological evolution, populations, diversity; matter and energy, relationships; human interactions with science and technology, understanding technology; research, science and society; application of science processes, and techniques and research.	SCI	Science
132900	Intervention Science: Discrete high school course, which includes little or no new content from courses previously taken by students who have taken but have not yet successfully passed previous administration of the Ohio Graduation Test. The variety of standards-led instruction and assessment strategies used in these courses are appropriate to assist student preparation in the Ohio Graduation Test; from the Ohio Science Academic Content Standards.*	SCI	Science
132220	Physical Sciences: Core science course that contributes to the OGT competencies. Integrated high school core course to develop standards based knowledge and skills: including atoms, chemical reactions, physical properties, mixtures and solutions, laws of motion, forces, energy, waves, historical perspectives and emerging issues; processes within and on the earth, earth's history through geologic evidence, resources; relationship between technology and science; diversity of scientific investigations, scientific theories, scientific literacy, scientific conclusions, and modeling investigations.	SCI	Science

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
132230	Biological Sciences: Core science subjects represent courses that contribute to the OGT competencies. Integrated high school core course to develop standards based knowledge and skills: including cells, genetics and DNA, diversity of life, ecology, biological evolution, historical perspectives and emerging issues; processes within and on the Earth, Earth's history through geologic evidence, resources; scientific advances and emerging technologies; nature of science inquiry, ethics in science, science and careers, and modeling investigations.	SCI	Science
132350	Environmental Sciences: Integrated high school core course to develop standards based knowledge and skills: including interactions between humans and the Earth; ecosystems, environmental factors, biological evolution, populations, diversity; matter and energy, relationships; human interactions with science and technology, understanding technology; research, science and society; application of science processes, and techniques and research.	SCI	Science
132240	Earth and Space Sciences: Integrated high school core courses, which develop standards-led fundamental abilities and concepts. Courses should enable all students to develop standards-led fundamental understandings about scientific inquiry and abilities necessary to do scientific inquiry. The standards-led subject matter, instruction, and assessment in earth and space sciences includes: energy in the earth system, geochemical cycles, origin and evolution of the earth system, and origin and evolution of the universe.*	SCI	Science
130301	Chemistry: The study of the composition, structure, properties of, and changes in matter, including the accompanying energy phenomena.*	SCI	Science
130302	Physics: The study of the branch of science that is concerned with matter and energy, including the study of phenomena associated with mechanics, heat, wave motion, sound, electricity and magnetism, light, and atomic and nuclear structure.*	SCI	Science
132330	Advanced Biology: Advanced subjects contribute to competencies beyond the Ohio Graduation Test. Discrete advanced high school course, which develops specialized content to extend connections, depth, and detail of biology, including concepts in anatomy, physiology, ecology, behavior, evolution, genetics, cell biology, microbiology, diversity, growth, and human biology beyond core biology concepts.	SCI	Science
132326	Advanced Chemistry: Advanced subjects contribute to competencies beyond the Ohio Graduation Test. Discrete advanced high school course, which develops specialized content to extend connections, depth, and detail of chemistry, including concepts in inorganic, organic, analytical, physical and biochemistry.	SCI	Science

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
132340	Advanced Earth and Space Sciences: Advanced subjects contribute to competencies beyond the Ohio Graduation Test. Discrete advanced high school course, which develops specialized content to extend connections, depth, and detail of the major concepts and principles of earth and space science, astronomy, oceanography, meteorology, geology, and natural resources beyond core earth and space science concepts.	SCI	Science
132325	Advanced Physics: Discrete advanced high school course, which develops specialized content to extend connections, depth, and detail of physics, including concepts in mechanics, electricity, magnetism, thermodynamics, waves, optics, atomic and nuclear physics, radioactivity, relativity, and quantum mechanics.	SCI	Science
139903	AP Biology: Based on the current program syllabus for Advanced Placement Biology and prepares students for the Advanced Placement examination provided by the College Board.	SCI	Science
139905	AP Physics B: Based on the current program syllabus for Advanced Placement Physics B and prepares students for the Advanced Placement examination provided by the College Board.	SCI	Science
139940	AP Physics C - Electricity & Magnetism: Based on the current program syllabus for Advanced Placement Physics C: Electricity & Magnetism and prepares students for the Advanced Placement examination provided by the College Board.	SCI	Science
139950	AP Physics C - Mechanics: Based on the current program syllabus for Advanced Placement Physics C: Mechanics and prepares students for the Advanced Placement examination provided by the College Board.	SCI	Science
139906	AP Chemistry: Based on the current program syllabus for Advanced Placement Chemistry and prepares students for the Advanced Placement examination provided by the College Board.	SCI	Science
139930	AP Environmental Science: Based on the current program syllabus for Advanced Placement Environmental Science and prepares students for the Advanced Placement examination provided by the College Board.	SCI	Science
139999	Other Science: A course that is given for High School credit to be applied toward the diploma, but that is different in scope from any of the other SUBJECT CODES described above.	SCI	Science

****This course offered at the ninth or tenth grade level does not provide sufficient content for preparation for the Ohio Graduation Test.***

Social Studies Section

Social Studies Codes (15xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
151209	Social Studies (K-3): Social studies instruction offered primarily for students in grades K-3.	N/A	—
151210	Social Studies (4-6): Social studies instruction offered primarily for students in grades 4-6.	N/A	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
151201	Social Studies (7-8): Integrated study using various social studies disciplines. (for grades 7-8)	N/A	—
150110	Anthropology (7-8): The study of the physical, social and cultural development of humans. (for grades 7-8)	N/A	—
150610	Economics (7-8): The study of how society uses its resources to satisfy the desires of its citizens for goods and services. (for grades 7-8)	N/A	Economics
150701	Geography (7-8): The study of spatial aspects of human existence. (for grades 7-8)	N/A	Geography
150305	Government (7-8): The study of institutions and processes through which decisions are made for a society. (for grades 7-8)	N/A	Civics and Government
150807	History (American) (7-8): The study of America's past. (for grades 7-8)	N/A	History
152310	History (Integrated) (7-8): The integrated study of American history and world history. (for grades 7-8)	N/A	History
152410	History (Regional) (7-8): The study of a region's past. (for grades 7-8)	N/A	History
150888	History (World) (7-8): The study of the world's past. (for grades 7-8)	N/A	History
151131	Psychology (7-8): The study of the human mind and its influence on behavior. (for grades 7-8)	N/A	—
150210	Social Psychology (7-8): The study of individual human behavior in groups. (for grades 7-8)	N/A	—
151207	Sociology (7-8): The study of social relationships, institutions, and group behavior in societies. (for grades 7-8)	N/A	—
150100	Anthropology: The study of the physical, social and cultural development of humans.	SOC	—
150600	Economics: The study of how society uses its resources to satisfy the desires of its citizens for goods and services.	SOC	Economics
150700	Geography: The study of spatial aspects of human existence.	SOC	Geography
150300	Government: The study of institutions and processes through which decisions are made for a society.	SOC	Civics and Government
150308	Government/Economics: The study of institutions and processes through which decisions are made for a society and the study of how that society uses its resources to satisfy the desires of its citizens for goods and services.	SOC	Civics and Government
150810	History (American): The study of America's past.	SOC	History
152300	History (Integrated): The integrated study of American history and world history.	SOC	History
152400	History (Regional): The study of a region's past.	SOC	History
150890	History (World): The study of the world's past.	SOC	History
152100	Integrated Social Studies: Integrated study using various social studies disciplines.	SOC	—
150400	Intervention Social Studies: Remedial study in preparation for the Citizenship Proficiency Test or the Ohio Graduation Test with little or no significant new content.	SOC	—
151121	Psychology: The study of the human mind and its influence on behavior.	SOC	—
151205	Social Psychology: The study of individual human behavior in groups.	SOC	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
151300	Sociology: The study of social relationships, institutions, and group behavior in societies.	SOC	—
152810	AP European History: The study of Europe's past. Follows the current Advanced Placement syllabus.	SOC	History
159960	AP Government & Politics (Comparative): The comparative study of the institutions and processes through which decisions are made for societies. Follows the current Advanced Placement syllabus.	SOC	Civics and Government
159950	AP Government & Politics (United States): The study of institutions and processes through which decisions are made for the United States. Follows the current Advanced Placement syllabus.	SOC	Civics and Government
152820	AP Human Geography: The study of spatial aspects of human existence. Follows the current Advanced Placement syllabus.	SOC	Geography
159930	AP Macroeconomics: The study of the functioning of entire economies. Follows the current Advanced Placement syllabus.	SOC	Economics
159940	AP Microeconomics: The study of the behavior of individual households, firms and markets. Follows the current Advanced Placement syllabus.	SOC	Economics
152500	AP Psychology: The study of the human mind and its influence on behavior. Follows the current Advanced Placement syllabus.	SOC	—
152600	AP U.S. History: The study of America's past. Follows the current Advanced Placement syllabus.	SOC	History
152700	AP World History: The study of the world's past. Follows the current Advanced Placement syllabus.	SOC	History
159999	Other Social Studies: Electives utilizing the social studies (including community service courses per ORC 3313.60.5).	SOC	—

Technology Section

The Ohio technology academic content standards address a broad range of technology experiences with application in *computer and multimedia literacy*, *information literacy* and *technological literacy* in order to provide a fully articulated program of technology study; which enables students to achieve the No Child Left Behind 8th Grade Technology Literacy requirement.

Computer and Multimedia Literacy (29xxxx section) includes the ability to appropriately use hardware, software applications, multimedia tools, and other electronic technology. It harnesses the use of educational technology tools for productivity, communication, research and problem-solving. Instruction is most effective when integrated with curricular components of other academic content areas.

Information Literacy (20xxxx section) is the acquisition, interpretation, and dissemination of information. Information literacy focuses on effective methods for locating, evaluating, using, and generating information. Technology-based information literacy skills encompass the use of library resources, the Internet and other electronic information sources for research and knowledge building. Instruction is most effective when integrated with curricular components of other academic content areas.

Technological Literacy (10xxxx section) addresses the abilities needed to participate in a technological world. It is the intersection of mathematics, science, and technology. It specifies unique knowledge, devices, and capabilities used to solve problems. It identifies career connections between technology and the world of work. Technological literacy includes technology education and pre-engineering concepts.

Computer Science Codes (29xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
The following courses do not earn high school technology credit. This instruction may be provided by a teacher to multiple groups of students rather than in a self-contained classroom setting. Instruction is most effective when integrated with curricular components of other academic content areas.			
290035	Computer/Multimedia Literacy K-3: Includes content in the K-3 portion of Ohio's academic content standards for technology that focuses on the use of educational technology for learning.	N/A	—
290040	Computer/Multimedia Literacy 4-6: Includes content in the 4-6 portion of Ohio's academic content standards for technology that focuses on the use of educational technology for learning.	N/A	—
290045	Computer/Multimedia Literacy 7-8: Includes content in the 7-8 portion of Ohio's academic content standards for technology including keyboarding, word processing, productivity, communication and information tools.	N/A	—
Computer Science codes include computer/multimedia literacy, software, Internet, systems/networking and programming. All courses should be based on advanced topics aligned with the 9-12 section of the Ohio Technology academic content standards. Credit cannot be given for concepts below 9 th – 12 th grade.			
290050	Computer/Multimedia Literacy: Course focuses on advanced concepts in 9-12 portion of Ohio's technology academic content standards. Instruction is most effective when integrated or linked to other content areas.	TEC	—
290100	Technology-Productivity Tools: Course focuses on advanced concepts in 9-12 portion of Ohio's technology academic content standards that increase personal productivity and manage information. Instruction is most effective when integrated or linked to other academic areas.	TEC	—
290110	Technology-Communication Tools: Course focuses on advanced concepts in the 9-12 portion of Ohio's technology academic content standards including identifying purpose, audience and communication strategy. Instruction is most effective when integrated or linked to other academic content areas.	TEC	—
290120	Technology-Problem-Solving Tools: Course focuses on advanced concepts in the 9-12 portion of Ohio's technology academic content standards including inquiry/problem-solving skills and technology tools. Instruction is most effective when integrated or linked to other academic content areas.	TEC	—
290130	Internet Searching: Course focuses on advanced concepts in the 9-12 portion of Ohio's technology academic content standards including Internet search strategies, search engine ranking methods and Web site evaluation.	TEC	—
290075	Technology: Electronic Resources: Course focuses on advanced concepts in the 9-12 portion of Ohio's technology academic content standards including information literacy concepts and use of technology tools to conduct research. Topics include use of Internet and other electronic information resources.	TEC	—
290140	Technology and Ethics: Course focuses on advanced concepts in the 9-12 portion of Ohio's technology academic content standards and library guidelines including copyright, intellectual property, biotech and other current ethical concerns.	TEC	—

290150	Computer Graphics: Course includes design techniques used to generate computer graphics. Topics may include use of tools to draw, import, edit, create, animate images, photos, original artwork, etc.	TEC	—
290200	Computer Science: Course includes study and use of programming languages i.e., BASIC, COBOL, DOS, Visual BASIC, C++, HTML, XML, MSDN, etc. Topics also include operating systems, servers, networks, etc.	TEC	—
290310	AP Computer Science A: An advanced study of programming methodology with an emphasis on problem solving and algorithm development. Also includes study of data structures and abstraction, but not to the extent as covered in Computer Science AB. Follows the current Advanced Placement syllabus.	TEC	—
290320	AP Computer Science AB: Includes all topics of Computer Science A, as well as a more formal and more in-depth study of algorithms, data structures and data abstraction. Follows the current Advanced Placement syllabus.	TEC	—
290160	Web Site Development: Course includes Web site design, posting/removing Web sites to/from Web server and Web programming HTML, XML, etc. Course should cover Universal Design and other accessibility methods.	TEC	—
290165	Advanced Web Site Development: Course should include advanced Web programming and applications, Universal Design and other accessibility methods.	TEC	—
290170	Networking: Course includes operating systems, printers/print servers, network configuration and servers, etc.	TEC	—
290180	Computer Repair: Course includes troubleshooting, repair, system/network reconfiguration, help desk practices, etc.	TEC	—
299999	Other Computer Technology: A course that is given for High School credit to be applied toward the diploma, but that is different in scope from any of the other SUBJECT CODES described above.	TEC	—

Information Literacy Codes (20xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
The following courses do not earn high school technology credit. This instruction may be provided by a teacher to multiple groups of students rather than in a self-contained classroom setting. Instruction is most effective when integrated with curricular components of other academic content areas.			
200910	Information Literacy K-3: Instruction that includes content in the K-3 portion of Ohio's technology academic content standards and library guidelines.	N/A	—
200915	Information Literacy 4-6: Instruction that includes content in the 4-6 portion of Ohio's technology academic content standards and library guidelines.	N/A	—
200920	Information Literacy 7-8: Instruction that includes content in the 7-8 portion of Ohio's technology standards and library guidelines including Internet searching, evaluation of Web sites and other electronic resources.	N/A	—
Information literacy codes focus on acquisition, interpretation, and dissemination of information. All courses should be based on advanced topics aligned with the 9-12 section of the Ohio Technology academic content standards and Library Guidelines. Credit can not be given for concepts below 9 th – 12 th grade.			

200700	Library Science: Course focuses on how information is organized, accessed, and evaluated, including use of information management systems in school, public, academic, and government libraries.	***	—
200905	Information Literacy: Instruction focuses on recognizing the need for information and developing the skills to locate, evaluate and utilize the information. Learning experiences include information retrieval and critical thinking skills that enable students to acquire, interpret, evaluate, create, and communicate information. Information sources include print, nonprint, electronic, Internet-based resources accessed via the school library, school district, Internet, statewide/national networks, and other providers.	TEC	—

Technology Education Codes (10xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
The following courses do not earn high school technology credit. This instruction may be provided by a teacher to multiple groups of students rather than in a self-contained classroom setting. Instruction is most effective when integrated with curricular components of other academic content areas.			
102285	Technological Literacy K-3: Instruction that includes content in the K-3 portion of Ohio's academic content standards for technology.	N/A	—
102290	Technological Literacy 4-6: Instruction that includes content in the 4-6 portion of Ohio's academic content standards for technology.	N/A	—
102295	Technological Literacy 7-8: Instruction that includes content in the 7-8 portion of Ohio's academic content standards for technology.	N/A	—
Technology Education: A comprehensive study of the knowledge and processes necessary in designing, making, developing, producing, using, managing, and assessing of technological systems and products. Dimensions of technology include assessing impacts and consequences of technology, nature and history of technology, and connections. Technological systems and products are those systems and products that change the world around us to satisfy our needs and wants. In particular Technology Education focuses on the systems and products of the energy/power/transportation, manufacturing, construction, communication, and bio-related/chemical fields. These activities may take place in thematic units at the elementary level, general technology courses at the middle and high school levels, specific high school systems courses, Tech Prep and Pathways courses at the high school level, and modules and problem-based learning integrated with mathematics, science, language arts, social studies and arts teams at all levels.			
102300	Technology Education: Comprehensive action-based courses concerned with the evolution, utilization, and significance of technology and its impact on industry, including its organization, personnel, systems, techniques, resources, products, and sociocultural aspects.	TEC	—
101700	Research and Development: The study of industrial-technical problems, including provisions for individual or group investigations of problems and opportunities to evaluate their solutions by designing, constructing, and testing products.	TEC	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
101720	Design: Course includes design topics from the 9-12 portion of Ohio's technology academic content standards; including identifying and producing a product or system using a design process and evaluating the final solution, and communicating findings; recognizing the role of teamwork in engineering design and of prototyping in the design process; and understanding and applying research, development, and experimentation to problem-solving.	TEC	—
101730	Issues and Problems in Technology: The study of themes concerning technology, society, and the environment.	TEC	—
Construction Technology Systems: A comprehensive study of the knowledge and processes in designing, making, developing, producing, using, managing, and assessing of technological systems and products to build structures on site. In particular courses that are part of the construction technology systems focus on project planning, architectural design and drafting, site preparation, building the structure, and maintaining the structure.			
100100	Construction: The study of the technology and the socioeconomic contributions of those industries concerned with residential, civic industrial, civil, and transportation structures.	TEC	—
100800	Home Mechanics: The study of the tools, materials, and processes involved in the upkeep and repair of the home, its equipment and devices.	TEC	—
Manufacturing Technology Systems: A comprehensive study of the knowledge and processes in designing, making, developing, producing, using, managing, and assessing of technological systems and products in manufacturing facilities. In particular courses that are part of manufacturing technology systems focus on mechanical design and drafting, materials, and processes (including woods, metals, plastics), production, robotics, and automation systems, and specific trades/crafts			
101300	Manufacturing: The study of the technology and the socioeconomic contributions of industries concerned with the creation of durable consumer products.	TEC	—
101350	Robotics: Application of processes and knowledge in the design, development, and use of systems to manage and control devices. Products of student work in robotics may be descriptive and/or functional models of technology applications across all systems areas	TEC	—
101800	Service Industries: The study of the technology of industries concerned with the maintenance and repair of consumer and/or industrial products.	TEC	—
101900	Woods Processes: Information and skills concerned with woods, including various manufactured wood products, focusing on the technology employed in the manufacture and construction of products using woods and related factors such as occupations, economics, and consumer information.	TEC	—
101410	Metals Processes: Information and skills concerned with metals including the products manufactured from metals and the technology employed in the production, processing, and use of metals, as well as related factors such as occupations, economics, and consumer information.	TEC	—
101500	Plastics: Information and skills concerned with the production, processing, and use of plastics, composites and related factors such as occupations, economics, and consumer information.	TEC	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
100200	Industrial Crafts: Information and skills concerned with handcrafts and the craft industry, including its tools, materials, processes, products, and occupations.	TEC	—
Communication Technology Systems: A comprehensive study of the knowledge and process in designing, making, developing, producing, using, managing, and assessing of technological systems to products for transferring graphic and electronic messages. Computer modeling and information technology applications are critical to all technology systems areas. In particular courses that are part of communication technology systems focus on existing and emerging information technologies for encoding, transmitting, receiving, storing, retrieving, and decoding of graphic and electronic messages.			
100300	Drafting: Information and skills concerned with conveying ideas or illustrations graphically through drawings, charts, sketches, maps, and graphs, and the related factors such as the role of drafting in history and industry	TEC	—
100401	Electricity/Electronics: Information and skills concerned with electrical energy including theory, applications, and control as it relates to electrically powered equipment, to various kinds of communications equipment, and to related factors such as occupations, economics, and consumer information.	TEC	—
100700	Graphic Arts: The study of information and skills concerned with graphic reproduction, as well as related factors such as occupations, economics, and consumer information.	TEC	—
102000	Communications: Provides an introduction to technical communication systems and processes. Students use a variety of technologies and media to create, implement, and evaluate a network to solve a communication problem.	TEC	—
102500	Industrial Computer Applications: Experiences with computer applications across the technological systems areas. Selected activities covering computer hardware, software, and interface device applications to develop understanding of industrial uses of computers.	TEC	—
Energy/Power/Transportation Technology Systems: A comprehensive study of the knowledge and process in designing, making, developing, producing, using, managing, and assessing of technological systems to produce products for the transmission of energy and power, and the transportation of goods and people. In particular technology courses focus on energy and power sources or devices, the transformation of energy and power from one form to another, the transmission of energy and power from one form to another, and the sale use of power. In addition transportation focuses on the systems and products used to transport goods and people.			
101610	Power Mechanics: Information and skills concerned with the various forms of power, including its generation, transmission, and utilization.	TEC	—
102100	Energy/Power/Transmission: Beginning-level course designed to provide a conceptualized study of basic machines. Students obtain a basic understanding and develop skills needed to identify, build, maintain, test, and develop machines.	TEC	—
Bio-Related and Chemical Technology Systems: A comprehensive study of the knowledge and process in designing, making, developing, producing, using, managing, and assessing of technological systems to produce products with bio-related and chemical applications. In particular technology courses focus on practical application of biological organism and chemical processes to make or modify products, the production process techniques related to agriculture, chemical, and medical technology products, and the human interface with technology in managing the artificial and natural environment.			

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
103050	Bio-Related and Chemical Technology Systems: Comprehensive study of the knowledge and process in designing, making, developing, producing, using, managing, and assessing of technological systems to produce products with bio-related and chemical applications	TEC	—

CAREER-TECHNICAL AND ADULT EDUCATION SECTION

Business (Career Technical) Codes (14xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
140110	Financial Services: Prepares students for careers in the knowledge services profession of financial services. This program teaches skills to analyze data, turn information into knowledge and share forecasting with management. Financial services areas of concentration include accounting, commercial banking, corporate finance, financial planning, insurance, investment banking, money management, real estate and risk management.	CTA, BST	—
140100	Accounting (Career Technical): Maintenance and analysis of standard financial business records. Curriculum follows Accounting OCAP.	CTA, BST	—
140300	Administrative/Office Technology (Career Technical): Prepares students for positions as administrative assistants, secretaries and various positions in a variety of industry settings.	CTA, BST	—
140800	Business Management (Career Technical): Prepares students to start and/or operate a business, including coordination, implementation, promotion, supervision and directing of the activities of individuals, organizations and businesses. Skills in organization, leadership, planning, interpersonal communications, delegating, supervising, resource management and policymaking/implementation will be developed. Methods of operation, coordination, sales, marketing, finance, budgeting, human resources, property/equipment management and safety/security management will be addressed.	CTA, BST	—
140001	Business and Management Foundation (Career Technical): The foundation course in the business and management cluster of occupations. Can be a foundation component of a career pathway design.	CTA, BST	—
140200	Business Information Technology (Career Technical): An instructional program that provides the foundation for a career in Information Technology. Based upon core IT skills, this program must lead to a specialization program pathway in one of the four occupational strands of itWORKS.OHIO.	CTA, BST	—
140210	Information Support and Services (Career Technical): An instructional program that provides training for careers dealing in information technology deployment and information systems management and support. Skills for programs/pathways in this area are taken from the itWORKS.OHIO Competency Profile.	CTA, BST	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
140240	Interactive Media (Career Technical): An instructional program that provides training in the area of interactive multi-media that includes creating, designing, and producing interactive multimedia products and services and digitally-generated or computer-enhanced media. Skills for programs/pathways in this area are taken from the itWORKS.OHIO Competency Profile.	CTA, BST	—
140220	Network Systems (Career Technical): An instructional program that provides training for careers in network systems planning, administration, and management. Skills for programs/pathways in this area are taken from the itWORKS.OHIO Competency Profile.	CTA, BST	—
140230	Programming and Software Development (Career Technical): An instructional program that provides training for careers dealing with hardware and software programming to design, develop, and implement computer systems and software. Skills for programs/pathways in this area are taken from the itWORKS.OHIO Competency Profile.	CTA, BST	—

Career Based Intervention (CBI) Codes (25xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
252525	Career Based Intervention: CBI programs are designed for students ages 12 through 21 in grades 7 through 12 who are identified as disadvantaged (either academically or economically or both) and who have barriers to achieving academic and career success. The goals of the program are to help students improve academic competence, graduate from high school, develop employability skills, implement a career plan and participate in a career pathway in preparation for postsecondary education and/or careers.	CTA	—
250510	CBI Language Arts: Content based on academic content standards; for CBI students facing academic barriers. (These courses are always reported in EMIS with course type "VV3".)	ENG	Language Arts
250519	CBI Reading: Content based on academic content standards; for CBI students facing academic barriers. (These courses are always reported in EMIS with course type "VV3".)	ENG	Reading
251110	CBI Mathematics: Content based on academic content standards; for CBI students facing academic barriers. (These courses are always reported in EMIS with course type "VV3".)	MTH	Mathematics
251310	CBI Science: Content based on academic content standards; for CBI students facing academic barriers. (These courses are always reported in EMIS with course type "VV3".)	SCI	Science
251510	CBI Social Studies: Content based on academic content standards; for CBI students facing academic barriers. (These courses are always reported in EMIS with course type "VV3".)	SOC	—

Career Development Codes (99xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
990362	Employability Skills (Career Technical): Work related skills for entering, competing and advancing in a changing work world.	CTA	—
990361	Entrepreneurship (Career Technical): Exploring owning your own business.	CTA	—
990371	Vocational Job Training Coordinating: A specialized community based job training program for students with disabilities who are unable to successfully participate in regular career-technical education programs even when adjusted programs and supplemental aides or specialized supportive personnel are available. The program utilizes a job training coordinator to match specific jobs in the community to the individual student's skills. Job coach services must be made available to assist the students to gain the skills necessary for the job. Students must be at least sixteen years old and this program must be identified on the student's individualized educational program (IEP).	CTA	—

Environmental & Agricultural Systems Codes (01xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
010301	Agribusiness and Production Systems: Applies animal, plant and environmental sciences to the production, management, marketing, distribution and processing of agronomic crops and domesticated livestock. Communications, business principles and leadership skill development are essential to the program.	CTA	—
010201	Agricultural and Industrial Equipment: Applies principles of engineering in power, construction technology gaining understanding of operation, maintenance, repair of power, electrical, hydraulic and mechanical systems. Communications, business principles and leadership skill development are essential.	CTA	—
010901	Animal Science and Management: Applies principles of anatomy and physiology, nutrition, reproduction, health, genetics and behavior to the production, management, marketing and training of domesticated animals. Communications, business principles and leadership skill development are essential to the program.	CTA	—
010001	Environmental and Agricultural Science: A foundation program for basic knowledge and skills across all disciplines and industries associated with agriculture, horticulture, mechanics and natural resources. Communications, business principles and leadership skill development are essential to the program.	CTA	—
011001	Food Science and Technology: Applies principles of biochemistry and product research for production and manufacture of food; involves product development, testing, grading, inspecting, processing and marketing. Communications, business principles and leadership skill development are essential to the program.	CTA	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
010601	Horticulture: Applies principles of plant anatomy, nutrition, reproduction, genetics, health and artistic design to production, management, processing and marketing of ornamental plants, landscapes and floral designs. Communications, business principles and leadership skill development are essential to the program.	CTA	—
010701	Natural Resource Management: Applies science to management and protection of renewable and non-renewable resources; includes fundamentals of land use, watersheds, wildlife, fisheries and forestry. Communications, business principles and leadership skill development are essential to the program.	CTA	—

Family and Consumer Sciences (Career Technical) Codes (09xxxx)

Work & Family Studies Codes (0901xx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
090106	Family Relations: Practical problems related to nurturing human development throughout the life span.	CTA	—
090193	GRADS – Alternative Structure: Instructional and intervention program for pregnant and parenting students. Students are scheduled into class for 48-119 hours/year.	CTA	—
090194	GRADS – Class Structure: Instructional and intervention program for pregnant and parenting students. Students are scheduled into a daily class for a minimum of 120 hours/year.	CTA	—
090192	GRADS – Minimum Intervention/Follow-up: Instructional and intervention program for pregnant and parenting students. 120-150 hours/year, not for credit (not to duplicate 090194 or 090193 enrollment). May be scheduled in a “0” period before or after school. For comprehensive districts only.	CTA	—
090111	Life Planning (9-12): Practical problems related to developing a life-management plan for life beyond high school.	CTA	—
090112	Life Planning with Career Mentorship (9-12): Practical problems related to developing a life-management plan for life beyond high school, including a career mentorship. Can be a semester or year-long course.	CTA	—
090185	Middle School Work and Family Life (7-9): Helps middle school students achieve self-responsibility and competence with the practical problems of early adolescence.	CTA	—
090107	Nutrition and Wellness (9-12): Practical problems related to making nutrition and food choices that promote wellness and good health.	CTA	—
090102	Parenting and Child Development (9-12): Practical problems related to parenting roles and responsibilities to develop socially responsible behavior in children and adolescents; understanding the developing child.	CTA	—
090101	Personal Development: Practical problems related to taking responsibility for self and others.	CTA	—
090108	Resource Management: Practical problems related to managing resources to achieve personal and family goals.	CTA	—

Workforce Development (090001, 090011, and all 0902xx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
090011	Career Paths for the Teaching Professions: Career major courses to prepare students for entry level, technical and professional career options within the teaching professions.	CTA	—
090203	Culinary Arts & Food Service Management: Preparation for employment in management, production and service positions in the hospitality and tourism industry.	CTA	—
090201	Early Childhood Education and Care: Preparation for employment in childcare services, child development, and early childhood education within the childcare and guidance industries.	CTA	—
090202	Fashion, Clothing and Interiors, Production and Services: Preparation for employment in the fashion, clothing and/or interior design industries.	CTA	—
090205	Hotels and Resorts: Preparation for employment in service and management positions in the hospitality management, lodging and institutional care in the hospitality and tourism industry.	CTA	—
090001	Human Resources/Services Foundation: A career pathway foundations course which leads to one of the Human Resources/Services career majors.	CTA	—

Health Careers Education Codes (07xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
074850	Biotechnology: A tech prep program that combines classroom and laboratory experiences in the bioprocesses of organisms, cells or their components to create products or solve problems. Program concentrates on biomedical, environmental, pharmaceutical, bioinformatics and bioethics.	CTA	—
070906	Community Health Aide: Subject matter and experiences to serve as liaison between professional health workers and the recipients of health services. Program designed as 1-year only program.	CTA	—
070101	Dental Assistant: Subject matter and experiences to assist the dentist in the dental operator, clerical functions, and selected dental laboratory work.	CTA	—
070103	Dental Laboratory Technology: Subject matter and experiences in producing restorative appliances authorized by a dentist.	CTA	—
079960	Diversified Cooperative Health Occupations (DCHO): A cooperative program in multi-occupational areas of health care. Instructors must have the 600102 endorsement for worksite coordinator on their certificate/license.	CTA	—
070998	Diversified Health Occupations (DHO): Diversified subject matter and experiences for entry into the health field. Program is approved by NATCEP by the Ohio Department of Health.	CTA	—
070410	Fitness Aide/Athletic Trainer Assisting: Subject matter and laboratory or supervised clinical experiences to perform routine tasks designated by a licensed athletic trainer related to athletic training.	CTA	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
070001	Foundation for Health Careers: A 9th and/or 10th grade Career Pathway foundations course leading to Health Services career majors. Curriculum must be based on the integrated technical & academic competencies (ITAC) for health careers..	CTA	—
074840	Health Support Services: A Tech Prep program that combines classroom and laboratory experiences in the operation, resource management, esthetics and aseptic procedures of the physical plant to ensure a healthy and well equipped environment in healthcare.	CTA	—
070913	Health Unit Coordinator: Instruction and experiences to manage components of non-patient care activities in health care facilities.	CTA	—
070307	Home Health Aide: Subject matter and experiences to assist the elderly, convalescent, or handicapped in their homes for their daily living needs. Program designed as 1-year only.	CTA	—
070904	Medical Assistant: Subject matter and experiences to perform functions and procedures concerned with the diagnosis and treatment of patients under the supervision of a physician.	CTA	—
070203	Medical Laboratory Technology: Subject matter and experiences to perform routine clinical laboratory procedures, including phlebotomy techniques.	CTA	—
070303	Nurse Assisting: Subject matter and experiences in the care of individuals under the supervision of a nurse. Approved as NATCEP by the Ohio Department of Health. Program designed as 1-year only.	CTA	—
070603	Optometric Occupations: Subject matter and experiences designed to train a person to prepare, assemble, and/or fit corrective lenses prescribed by a physician or optometrist.	CTA	—
070994	Patient Care Technician: Subject matter and laboratory experiences for advanced nursing skills.	CTA	—
070912	Pharmacy Assisting: Subject matter and experiences to work in a pharmacy under the supervision of a pharmacist.	CTA	—
070204	Phlebotomy: Subject matter and experiences to lead to a recognized, portable credential as a phlebotomist. Designed as a senior year only program.	CTA	—
070302	Practical-Vocational Nurse: Subject matter and supervised clinical experiences to give direct nursing care under the supervision of a registered nurse, licensed physician, dentist, or chiropractor.	CTA	—
070305	Surgical Technology: Subject matter and experiences as a general assistant on the surgical team in the operating suite.	CTA	—
074820	Tech Prep Diagnostic Cluster: A clustered tech prep program for continued education and training in health careers that focus on status of body functions, cause and nature of diseases and disorders. Phlebotomy or EMT are exits for grade 12.	CTA	—
074890	Tech Prep Information Cluster: A clustered tech prep program for continued education and training in health careers that focus on compilation, maintenance, and retrieval of records, reports and statistical data on health services. Certified health unit coordinator is an exit for grade 12.	CTA	—
074830	Tech Prep Therapeutic Cluster: A clustered tech prep program for continued education and training in health careers that focus on care and treatment of individuals for the promotion and maintenance of wellness; prevention and treatment of physical, mental and emotional disorders. State-tested nurse aide is an exit for grade 12.	CTA	—

Industrial and Engineering Systems Codes (17xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
170100	Air-conditioning, Heat, and Refrigeration Technician: Classroom and laboratory experiences that enable the student to become proficient in the installation, repair and maintenance of residential, commercial, and industrial air-conditioning systems.	CTA	—
170401	Aircraft Maintenance: Classroom and lab learning experiences concerned with the inspection, repair, servicing, and overhauling of all airplane parts. Instructor and program must be certified by the Federal Aviation Administration (FAA) in airframe and power plant.	CTA	—
170200	Appliance Repair: Classroom and laboratory learning experiences concerned with the diagnosis, repair, and maintenance of major home appliances.	CTA	—
170301	Auto Collision Repair: Specialized learning experiences concerned with all phases of the repair of damaged vehicle bodies and frames. The instructor and the program must be ASE certified in Structural Analysis and Damage, painting, and refinishing plus one additional area.	CTA	—
170303	Auto Specialization: Specialized experiences that involve more detailed training in a single automotive system. The school requesting this program must have an ASE certified Auto Technology program in place. This is a one-year program.	CTA	—
170302	Auto Technology: Learning experiences concerned with service and repair of all the components of the vehicle. The instructor and the program must be ASE certified in Brakes, Engine Performance, Electrical/Electronic Systems, and Suspension and Steering.	CTA	—
170400	Aviation Occupations: Classroom and practical experiences that include instruction relating to aircraft maintenance, operation, and ground support. Instructor and program must be certified by the Federal Aviation Administration (FAA).	CTA	—
171011	Building and Property Maintenance: Organized learning experiences concerned with the skills necessary to keep the physical structure of an office building, factory, apartment building, house, or similar structure in good repair.	CTA	—
171017	Building Technology: A program that includes classroom and laboratory instruction across multiple areas of construction. Areas include carpentry, electrical trades, masonry, and plumbing and related technical topics..	CTA	—
170600	Business Machine Maintenance: Classroom and shop learning experiences concerned with maintaining and repairing a variety of office machines.	CTA	—
172810	Career Paths for the Law Profession: Introduction of career major courses and application of knowledge and skills to prepare students for entry level, technical and professional career options within the law and public administration professions.	CTA	—
171001	Carpentry: Classroom and laboratory experiences involving the layout, construction and repair of residential and commercial structures.	CTA	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
172000	Chemical Laboratory Assisting: Specialized classroom and laboratory experiences organized to prepare a person to perform the quantitative, qualitative, and analytical analysis of human or naturally occurring substances in a chemical laboratory.	CTA	—
170700	Commercial Art Occupations: Organized specialized learning experiences that include theory and laboratory as they relate to the creation, design, and execution of layouts and illustrations on various mediums including electronic.	CTA	—
170900	Commercial Photography Occupations: Organized specialized learning experiences that include theory, laboratory, and studio work as each relates to all phases of camera uses and photographic processing.	CTA	—
170003	Construction Foundations: A one-year 9th and/or 10th grade course that is a component of a series of academic, technological, employability and occupational courses leading to a career major in the area of construction..	CTA	—
171806	Construction Tech Prep – Construction Management: Classroom and laboratory experiences combining advanced academics and the skills and knowledge essential to the construction industry. Focus is on supervision, planning and management of the construction process. The program will follow the state TCP and culminate in an associate degree.	CTA	—
171805	Construction Tech Prep – Design-Build: Classroom and laboratory experiences combining advanced academic coursework, and a focused concentration in designing, planning, managing, building and maintaining the built environment. The program will follow the state TCP and culminate in an associate degree.	CTA	—
172602	Cosmetology: Classroom and practical learning experiences that are concerned with a variety of beauty treatments including the care and beautification of the hair, complexion and hands. Instruction is designed to qualify completers for licensing examination.	CTA	—
172802	Criminal Justice: Specialized classroom and practical-learning experiences that are designed to supplement the training provided by officially designated law enforcement agencies. The program must be certified by the Ohio Peace Officers Training Commission.	CTA	—
171100	Custodial Services: Organized learning experiences in the classroom and laboratory concerned with the skills necessary to provide all phases of care and cleaning of buildings, including fixtures and furnishings.	CTA	—
179960	Diversified Cooperative Training (DCT): This is a specialized program designed for high school students who are at least 16 years of age and are in their final year of high school.	CTA	—
171300	Drafting Occupations: Specialized learning experiences that include theory and laboratory work, as each relates to the planning, preparation, and interpretation of mechanical, and/or architectural drawings and sketches using various CAD software.	CTA	—
171002	Electrical Trades: Specialized classroom and laboratory experiences concerned with the layout, assembly, installation, testing, and maintenance of electrical fixtures and apparatus, and the wiring used in electrical systems.	CTA	—
171503	Electronics: Classroom, laboratory, and practical learning experiences that include both electronic theory and practice.	CTA	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
172811	Emergency Medical Technician – Secondary: This course is designed to instruct to the level of EMT-Basic. This course must include the Ohio Department of Public Safety approved EMT-Basic curriculum and be provided through an accredited ODPS provider. This course is a minimum of 450 hours with the ODPS curriculum limited to the senior level.	CTA	—
171808	Engineering Technologies – Process Cluster: A combination of subject matter and experiences designed to offer skills and knowledge in the Process cluster. Program will follow the state TCP and culminate in an associate degree.	CTA	—
171807	Engineering Technologies – Design Cluster: A combination of subject matter and experiences designed to offer skills and knowledge in the Design cluster. Program will follow the state TCP and culminate in an associate degree.	CTA	—
171815	Engineering Technologies – Emerging Cluster: A flexible sequence of courses which when combined with college preparatory mathematics and science courses introduces students to the scope, rigor and discipline of engineering and engineering technology. The curriculum includes, but is not limited to introduction of engineering design, principles of engineering, digital electronics, computer integrated manufacturing, engineering design and development and includes futuring technologies.	CTA	—
171809	Engineering Technologies – Product/Service Cluster: A combination of subject matter and experiences designed to offer skills and knowledge in the Product/Service cluster. The program will follow the state TCP and culminate in an associate degree.	CTA	—
171801	Engineering Technology (Tech Prep): A combination of broad subject matter and experiences designed to prepare a person to gain entry-level experiences in an engineering technology cluster program. A Tech Prep program culminating in an associate degree.	CTA	—
172801	Fire Fighter Training: Specialized classroom and practical experiences concerned with the preparation of paid, full-time firefighters. The training program must be chartered through the Ohio Department of Public Safety or have an agreement with a chartered fire fighter training program.	CTA	—
172809	Fundamentals of Public Safety: This course is designed to introduce foundational competencies common to all public safety career pathways. Curriculum is based on the Career Cluster ITACs of Human Resources/Services.	CTA	—
171900	Graphic Occupations: Specialized learning experiences that include theory, laboratory and shop work as they relate to all phases of layout, composition, presswork and binding, including flexography, lithography, photoengraving and other techniques.	CTA	—
170403	Ground Operations: Classroom and practical experiences concerned with the ground support of commercial aircraft (passenger and cargo).	CTA	—
171003	Heavy Equipment (Construction): Classroom and practical work experiences concerned with the operation, maintenance and repair of heavy-duty construction equipment and the gasoline or diesel engines powering the equipment.	CTA	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
172304	Heavy Metal Fabrication: Learning experiences to prepare the student to be a metal worker capable of fabrication and assembling products in many industries. Instruction includes layout; sequence of operating fabricating machines; positioning, alignment, fitting and welding.	CTA	—
170001	Industrial and Engineering Foundations: A 9th and/or 10th grade career pathway foundations course that is a component of a series of academic, technological, employability and occupational courses leading to Industrial or Engineering career major.	CTA	—
172004	Industrial Lab Assisting: Specialized classroom and laboratory experiences organized to prepare a person to perform the quantitative, qualitative and analytical analysis of human or naturally occurring substances in an industrial laboratory.	CTA	—
171012	Industrial Maintenance and Repair Occupations: Organized learning experiences in the classroom and shop concerned with the maintenance of machinery and mechanical equipment of an industrial plant or factory.	CTA	—
170002	Manufacturing Foundations: A one-year 9th and/or 10th grade course that is a component of a series of academic, technological, employability and occupational courses leading to a career major in manufacturing. Curriculum must be based on the ITAC for manufacturing.	CTA	—
172303	Manufacturing Occupations: Specialized one-year program to prepare a semi-skilled worker for entry-level positions in diverse manufacturing occupations not specifically addressed in the OCAP, TCPs, or ITACs.	CTA	—
170802	Marine Maintenance: Specialized classroom and laboratory experiences concerned with the repair and maintenance of electrical and mechanical equipment, and the structural repair of inboard and inboard-outboard motor boats, yachts, tugs and barges.	CTA	—
171004	Masonry: Specialized classroom and laboratory experiences concerned with the cutting, chipping and fixing in position of brick and concrete block.	CTA	—
171200	Medium/Heavy Truck Technician: An instructional program in the service and repair of trucks. Instruction includes the diagnosis, maintenance and repair of diesel engines operational systems. The instructor must be ASE certified in Diesel Engines, Suspension and Steering, Brakes, Electrical/Electronic Systems and Preventive Maintenance Inspection.	CTA	—
173601	Millwork and Cabinet Making: Classroom and laboratory experiences involving the mass production of products such as window frames, moldings, trims and panels; and the manufacture of such products as furniture, store fixtures, kitchen cabinets and office furnishings.	CTA	—
171005	Painting and Decorating: Specialized classroom and laboratory experiences concerned with the preparation and finishing of exterior and interior surfaces by the application of protective or decorative coating materials, such as lacquer, paint and wallpapers.	CTA	—
172700	Plastics Occupations: Classroom and laboratory experiences dealing with plastics and their characteristics.	CTA	—

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
171007	Plumbing and Pipefitting: Specialized classroom and laboratory experiences concerned with layout, assembly, installation, alteration and repair of piping systems and related fixtures and fittings.	CTA	—
173100	Power Equipment Technology: Classroom and shop experiences concerned with maintaining and repairing a variety of portable power equipment, e.g., lawnmowers, outboard motorboats, chain-saws and rototillers.	CTA	—
171402	Power Transmission: Specialized classroom and laboratory experiences concerned with erecting and maintaining power lines and circuits for transmission and distribution of electrical power, and assembling and erecting related equipment and structures.	CTA	—
172302	Precision Machining: Specialized learning experiences that include theory, laboratory, and shop work as they relate to set-up and operate, the control of various metal working equipment (traditional and CNC controlled) common to the industry.	CTA	—
172808	Private Security: A one-year program designed to provide instruction in physical and personal security, internal loss and facility access. Must be approved by the Ohio Peace Officers Training Commission.	CTA	—
172812	Public Safety – Core: This course is designed to provide students with knowledge and skills applicable to public safety careers, e.g., Firefighter, EMT-Basic and Criminal Justice. This course is to be taught ONLY in conjunction with an approved senior level specialized public safety program.	CTA	—
172305	Sheet Metal: Specialized classroom and shop-learning experiences that are concerned with layout, fabrication, erection, installation and maintenance of items made of steel, copper, stainless steel and aluminum. Instruction includes the use of hand tools and machines, forming rolls, and squaring shears; and blueprint reading.	CTA	—
171504	Telecommunications: Specialized classroom and laboratory experiences concerned with the assembly, installation, operation, maintenance and repair of telecommunications equipment.	CTA	—
172307	Tool and Die Making: Learning experiences concerned with analyzing specifications, laying out metal stock, setting up and operating machine tools, and fitting and assembling parts to make and repair metal working dies, cutting tools, jigs, fixtures, gauges and hand tools.	CTA	—
170004	Transportation Foundations: A one-year 9th and/or 10th grade course that is a component of a series of academic, technological, employability and occupational courses leading to a career major in the area of transportation. Curriculum must be based on the ITAC for transportation.	CTA	—
172306	Welding and Cutting: Specialized classroom and shop-learning experiences that are concerned with all types of metal welding, brazing and flame cutting.	CTA	—
170050	Workforce Readiness Program: Classroom and laboratory experiences designed for students who are not prepared for the rigors of occupationally specific workforce development programs. Content includes elements of laboratory experiences from one or more Industrial and Engineering Systems programs offered in the district.	CTA	—

Marketing Education Codes (04xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
040001	Arts and Communication Foundation (Career Technical): The foundation course for the arts and communication cluster.	CTA, BST	—
041900	Acquisition and Logistics (Career Technical): Preparation for the strategic operation and management of marketing systems with emphasis on logistics components, including purchasing and warehousing.	CTA, BST	—
040820	E-Commerce Marketing (Career Technical): The development and implementation of e-commerce marketing activities for businesses conducting transactions in an on-line environment.	CTA, BST, TEC	—
040115	Entertainment Marketing (Career Technical): Preparation for marketing in radio and TV broadcasting, performing arts and related media.	CTA, BST	—
041118	Hospitality and Tourism (Career Technical): Preparation for marketing occupations in all aspects of the travel and tourism industry.	CTA, BST	—
040810	Marketing Management (Career Technical): Preparation for strategic planning, implementation and control of the functions of marketing with emphasis on the marketing research skills needed to complete these activities.	CTA, BST	—
040830	Marketing Technology (Career Technical): Activities including product/service planning, financing, production, distribution, information management, pricing, risk management, purchasing and selling.	CTA, BST	—
040840	Sports Marketing: Preparation in the marketing functions as they relate to the sports industry. Included are recreational, collegiate and professional sports and the licensing, endorsement, venue and sponsorship issues common to the industry.	CTA, BST	—

SELF-CONTAINED COURSES SECTION**General Education Codes (18xxxx)**

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
180108	Preschool (Ages 3-5): A child day-care program administered by 3301-37 of the Administrative Code for children who have not entered kindergarten and who are at least three but who are not of compulsory school age.	N/A	Self-contained
180110	Kindergarten: Includes education in kindergarten.	N/A	Self-contained
180122	Self-contained (Grades 1-3): Usually includes education in grades 1, 2 or 3. In practice, instruction usually takes place in a self-contained class.	N/A	Self-contained
180123	Self-contained Ungraded (Grades 1-3): Ungraded, consisting of students that would be classified as in grades 1 through 3 under a traditional classroom description.	N/A	Self-contained

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
180125	Transition 1: Self-contained class for students who have completed kindergarten but are not ready for first grade. This is a full-day everyday program. This is not just a repeat of the kindergarten curriculum.	N/A	Self-contained
180050	Early Education (0-2): Courses taught to students ages 0-2.	N/A	Self-contained

Exceptional Children (for Students with Disability Conditions) Codes (19xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
190010	Education of the Handicapped: A self-contained class of students with disabilities in grades K through 3.	N/A	Self-contained
196095	Early Education of the Handicapped: Special Education programs and related services for children below six years of age.	N/A	Self-contained
196111	Home Instruction: Home instruction is an individualized special education program provided in accordance with an IEP to a child with disabilities which prevent the child from attending a regular or special education program even with the aid of special transportation.	***	
199000	Transition to Post School Readiness: Specialized curriculum designed for students with disabilities 14 years of age and older that provides training for the development of skills that supports the students transition to post school environments, including employment, postsecondary education, independent living, or community participation.	N/A	

Gifted/Talented Codes

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
196200	Gifted/Talented (K-3): "Gifted" means students who perform or show potential for performing at remarkably high levels of accomplishment when compared to others of their age, experience, or environment and who are identified under division (a), (b), (c), or (d) of section 3324.03 of the Revised Code.	N/A	Self-contained

OTHER COURSES SECTION

Other Course Codes (30xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
These courses may be included in district programs and/or graduation requirements. However, these courses are not aligned with the academic content standards and do not represent courses for which credit toward meeting legislated graduation requirements is awarded.			
300010	Career Exploration: Scheduled time for researching career options.	ELE	—
300020	Community Service (Volunteer Program): Scheduled time for volunteer service projects during or outside the school day. Note: This course cannot earn credit per ORC 3313.60.5.	ELE	—
300030	Study Skills: Instruction in strategies to improve learning and develop study skills; e.g., tips to improve study habits and test performance, with limited coverage of new content or the academic content standards for a single or multiple academic areas.	ELE	—
300040	School Publications: Scheduled time for production work and related activities of school publications; e.g., advertising and finances, for newspaper and/or yearbook. Activities not aligned with the academic content standards and do not earn English Language Arts credit.	ELE	—
300050	Wellness: A course that addresses general wellness strategies. Credit earned is not applied towards meeting graduation requirements for health and physical education due to limited focus on content related to those areas.	ELE	—

Humanities (31xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
Humanities courses may be included in district programs and may be taught by a teacher holding a valid certificate or instruction may be provided by a team of teachers that collectively hold the appropriate certificates/licenses for the content areas included in the course.			
310010	Humanities (7-8): The study of cultural achievements through the integration of literature, the arts, religion, history, and philosophy. (for grades 7-8)	N/A	—
310020	Humanities: The study of cultural achievements through the integration of literature, the arts, religion, history, and philosophy.	N/A	—

Driver Education Code (21xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
210100	Driver Education: Learning experiences provided by the school for the purposes of helping pupils to become good traffic citizens and to operate motor vehicles safely and efficiently.	ELE	—

ROTC Military Science Code (22xxxx)

Code	Description	Subject Area for Credit	Core Subject Area (for HQT)
220000	ROTC Military Science: Organized subject matter and learning activities which are concerned with the development in each student attributes of (1) good citizenship and patriotism, (2) self- reliance, leadership, responsiveness to constituted authority, (3) a knowledge of the basic military skills, and (4) an appreciation of the role of the U.S. military in national defense.	ELE	—