MCCC Annotated Classification Title Index

Grades K-12

2019

Based on the National Center for Education Statistics (NCES) School Codes for Exchange of Data (SCED).
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Subject Area 01: English Language and Literature

Course categories:

A. Comprehensive Language Arts 01(001)-01(037)
B. Literature/Reading 01(040)-01(069)
C. Composition/Writing 01(101)-01(139)
D. Speech and Communication 01(151)-01(156)
E. Linguistics 01(201)-01(205)
F. All Others 01(991)-01(999)

A. Comprehensive Language Arts

01001 English/Language Arts I (9th Grade)
01002 English/Language Arts II (10th Grade)
01003 English/Language Arts III (11th Grade)
01004 English/Language Arts IV (12th Grade)
01005 AP English Language and Composition
01006 AP English Literature and Composition
01007 AP Combined English Language/Literature and Composition
01008 IB Language A: Literature (English)
01009 English as a Second Language (ESL)–Transition Language Arts
01010 Language Arts Laboratory
01011 English/Language Arts Comprehensive–Multi-Grade Level
01012 IB Language A: Language and Literature (English)
01013 IB Literature and Performance
01027 IB Language A (English), Middle Years Program
01028 Language Arts–Kindergarten
01029 Language Arts–Grade 1
01030 Language Arts–Grade 2
01031 Language Arts–Grade 3
01032 Language Arts–Grade 4
01033 Language Arts–Grade 5
01034 Language Arts–Grade 6
01035 Language Arts–Grade 7
01036 Language Arts–Grade 8
01037 Language Arts–Multi-Grade Levels

B. Literature/Reading

01040 Reading–Kindergarten
01041 Reading–Grade 1
01042 Reading–Grade 2
01043 Reading–Grade 3
01044 Reading–Grade 4
01045 Reading–Grade 5
B. Literature/Reading (Continued)

01046 Reading–Grade 6
01047 Reading–Grade 7
01048 Reading–Grade 8
01049 Reading–Multi-Grade Levels
01051 English/Literature (freshmen and sophomores)
01052 English/Literature (juniors and seniors)
01053 Literature
01054 American Literature
01055 American Literature/Social Studies Combination
01056 British Literature
01057 World or British Literature/Social Studies Combination
01058 World Literature
01059 Biblical Literature
01060 Literature of an Author
01061 Literature of a Genre
01062 Literature of a Period
01063 Literature of a Place
01064 Literature of a People
01065 Literature of a Theme
01066 Strategic Reading
01067 Assisted Reading
01068 Corrective Reading
01069 Postsecondary Developmental Reading

C. Composition/Writing

01101 English/Composition (freshmen and sophomores)
01102 English/Composition (juniors and seniors)
01103 Composition
01104 Creative Writing
01105 Research/Technical Writing
01106 Postsecondary Development Writing
01130 Writing–Kindergarten
01131 Writing–Grade 1
01132 Writing–Grade 2
01133 Writing–Grade 3
01134 Writing–Grade 4
01135 Writing–Grade 5
01136 Writing–Grade 6
01137 Writing–Grade 7
01138 Writing–Grade 8
01139 Writing–Multi-Grade Levels
D. Speech and Communication

01151 Public Speaking
01152 Forensic Speech–Inclusive
01153 Forensic Speech–Debate
01154 Forensic Speech–Individual Event
01155 Communications
01156 Applied Language Arts/Communications

E. Linguistics

01201 English Morphology and Grammar
01202 History of the English Language
01203 English–Test Preparation
01204 Spelling/Vocabulary
01205 English Grammar

F. All Others

01991 English Proficiency–Writing
01992 English Proficiency–Reading
01993 Seminar/Project–English Language and Literature
01994 English Proficiency Development–Comprehensive Language Arts
01995 English Language and Literature–Aide
01996 Credit Recovery–English/Language Arts
01997 English Language and Literature–Independent Study
01999 English Language and Literature–Other
Subject Area 02: Mathematics

Course categories:

A. K-8 MN Standards Classifications
B. 9-12 MN Standards Classifications
C. Beyond MN Standards Classifications
D. Classification that are not sufficient for MN 9-12 Standards

A. K-8 MN Standards Classifications

Note: All courses in Category A: K-8 MN Standards Classification is used for grades 9-12 must be documented as course level "B" for Basic/Remedial.

02001 Informal Mathematics
02002 General Math
02003 Particular Topics in Foundation Math
02005 Pre-Algebra
02006 Algebra I
02030 Mathematics–Kindergarten
02031 Mathematics–Grade 1
02032 Mathematics–Grade 2
02033 Mathematics–Grade 3
02034 Mathematics–Grade 4
02035 Mathematics–Grade 5
02036 Mathematics–Grade 6
02037 Mathematics–Grade 7
02038 Mathematics–Grade 8
02039 Comprehensive Mathematics Multi-Grade Level
02040 IB Mathematics, Middle Years Program

B. 9-12 MN Standards Classifications

02055 Transition Algebra
02062 Integrated Mathematics I (9th grade)
02063 Integrated Mathematics II (10th Grade)
02064 Integrated Mathematics III (11th Grade)
02065 Integrated Mathematics IV (12th Grade)
02072 Geometry
02102 Discrete Mathematics
02103 Trigonometry
02104 Math Analysis
02105 Trigonometry/Math Analysis
02106 Trigonometry/Algebra
02107 Trigonometry/Analytic Geometry
02108 Math Analysis/Analytic Geometry
02109 Elementary Functions
02112 Linear Programming
02131 IB Mathematical Studies
B. 9-12 MN Standards Classifications (Continued)

02132 IB Mathematics
02138 College Mathematics Preparation
02142 Algebra II
02143 Algebra II/Probability and Statistics
02201 Probability and Statistics
02202 Inferential Probability and Statistics
02203 AP Statistics
02205 Statistics

C. Beyond MN Standards Classifications

02110 Pre-Calculus
02111 Linear Algebra
02112 Linear Programming
02113 Abstract Algebra
02121 Calculus
02122 Multivariate Calculus
02123 Differential Calculus
02124 AP Calculus AB
02125 AP Calculus BC
02126 Particular Topics in Calculus
02134 IB Further Mathematics
02136 Finite Mathematics
02137 Mathematical Modeling

D. Classification that are not sufficient for MN 9-12 Standards

02004 Postsecondary Developmental Math
02058 Particular Topics in Algebra
02071 Informal Geometry
02073 Analytic Geometry
02074 Principles of Algebra and Geometry
02075 Particular Topics in Geometry
02101 Number Theory
02141 Particular Topics in Analytic Mathematics
02151 General Applied Math
02152 Occupationally Applied Math
02153 Technical Math
02155 Business Mathematics with Algebra
02156 Computer Math with Algebra
02157 Consumer Math
02951 History of Math
02952 Seminar/Project–Mathematics
02953 Mathematics–Test Preparation
02954 Mathematics Proficiency Development
02955 English as a Second Language (ESL)–Transition Mathematics
D. Classification that are not sufficient for MN 9-12 Standards (Continued)

02956 Bilingual Mathematics
02995 Credit Recovery–Mathematics
02996 Mathematics–Aide
02997 Mathematics–Independent Study
02999 Mathematics–Other
Subject Area 03: Life and Physical Sciences

Course categories:

A. Earth Science  03(001)-03(049)
B. Biology        03(051)-03(099)
C. Chemistry      03(101)-03(149)
D. Physics        03(151)-03(199)
E. Integrated/Other 03(201)-03(997)

A. Earth Science

03001 Earth Science  
03002 Geology        
03003 Environmental Science  
03004 Astronomy      
03005 Marine Science
03006 Meteorology    
03007 Physical Geography 
03008 Earth and Space Science 
03009 Energy and the Environment 
03010 Earth/Space Science (prior-to-secondary) 
03049 Earth Science–Other

B. Biology

03051 Biology  
03052 Biology–Advanced Studies  
03053 Anatomy and Physiology 
03054 Anatomy        
03055 Physiology 
03056 AP Biology     
03057 IB Biology     
03058 Botany         
03059 Genetics       
03060 Microbiology  
03061 Zoology        
03062 Conceptual Biology 
03063 Forensics–Biology Emphasis 
03064 Regional Biology  
03065 Life Science (prior-to-secondary)
03067 Physical Science (prior-to-secondary) 
03069 Nutrition Science 
03070 PLTW Biomedical Innovation 
03099 Biology–Other
### C. Chemistry
- 03101 Chemistry
- 03102 Chemistry–Advanced Studies
- 03103 Organic Chemistry
- 03104 Physical Chemistry
- 03105 Conceptual Chemistry
- 03106 AP Chemistry
- 03107 IB Chemistry
- 03108 Forensics–Chemistry Emphasis
- 03149 Chemistry–Other

### D. Physics
- 03151 Physics
- 03152 Physics–Advanced Studies
- 03153 Principles of Technology
- 03156 AP Physics C
- 03157 IB Physics
- 03158 Life Science
- 03159 Physical Science
- 03161 Conceptual Physics
- 03162 Forensics–Physics Emphasis
- 03163 AP Physics C: Electricity and Magnetism
- 03164 AP Physics C: Mechanics
- 03165 AP Physics 1
- 03166 AP Physics 2
- 03070 PLTW Biomedical Innovation
- 03199 Physics–Other

### E. Integrated/Other
- 03201 Integrated Science
- 03202 Unified Science
- 03203 Applied Biology/Chemistry
- 03204 Forensics–Integrated Study
- 03205 Origins of Science
- 03206 IB Design Technology
- 03207 AP Environmental Science
- 03208 IB Environmental Systems and Societies
- 03209 Aerospace
- 03210 IB Sports, Exercise, and Health Science
- 03211 Technical Science
- 03212 Scientific Research and Design
- 03213 Field Studies–Science
- 03214 Seminar/Project–Science
E. Integrated/Other (Continued)

03215 English as a Second Language (ESL)–Transition Science
03216 Bilingual Science
03217 Scientific, Technology and Society
03218 Technological Inquiry
03219 IB Sciences, Middle Years Program
03230 Science (kindergarten)
03231 Science (Grade 1)
03232 Science (Grade 2)
03233 Science (Grade 3)
03234 Science (Grade 4)
03235 Science (Grade 5)
03236 Science (Grade 6)
03237 Science (Grade 7)
03238 Science (Grade 8)
03994 Biology/Life Science–Proficiency Development
03995 Life and Physical Sciences–Aide
03996 Credit Recovery–Science
03997 Life and Physical Sciences–Independent Study
Subject Area 04: Social Sciences and History

Course categories:

A. Geography 04(001)-04(005)
B. World History 04(051)-04(065)
C. U.S. History 04(101)-04(110)
D. Government, Politics and Law 04(151)-04(171)
E. Economics 04(201)-04(209)
F. Social Sciences 04(251)-04(253)
G. Humanities 04(301)-04(310)
H. All Others 04(981)-04(999)

A. Geography

04001 World Geography–Overview
04002 Particular Topics in Geography
04003 IB Geography
04004 AP Human Geography
04005 Human Geography

B. World History

04051 World History–Overview
04052 World History and Geography
04053 Modern World History
04054 IB History
04055 Modern European History
04056 AP European History
04057 AP World History
04058 Ancient Civilizations
04059 Medieval European History
04060 Ancient and Medieval History
04061 World Area Studies
04062 World People Studies
04063 Western Civilization
04064 Contemporary World Issues
04065 Particular Topics in World History

C. U.S. History

04101 U.S. History–Comprehensive
04102 Early U.S. History
04103 Modern U.S. History
04104 AP U.S. History
C. U.S. History (Continued)

04105 State-Specific Studies
04106 Contemporary U.S. Issues
04107 U.S. Ethnic Studies
04108 U.S. Gender Studies
04109 Particular Topics in U.S. History
04110 U.S. Wars and Military Conflicts

D. Government, Politics and Law

04151 U.S. Government–Comprehensive
04152 Particular Topics in U.S. Government
04153 Political Science
04154 Comparative Government
04155 International Relations
04156 United States and World Affairs
04157 AP U.S. Government and Politics
04158 AP Comparative Government and Politics
04159 AP Government
04160 Principles of Democracy
04161 Civics
04162 Law Studies
04163 Consumer Law
04164 Business Law
04165 Legal System
04166 Particular Topics in Law
04167 Simulated Political Process
04169 IB Global Politics
04171 IB Individuals and Societies, Middle Years Program

E. Economics

04201 Economics
04202 Comparative Economics
04203 AP Microeconomics
04204 AP Macroeconomics
04205 AP Economics
04206 IB Economics
04207 Particular Topics in Economics
04208 Microeconomics
04209 Macroeconomics

F. Social Sciences

04251 Anthropology
04252 Particular Topics in Anthropology
F. Social Sciences (Continued)
04253 IB Social and Cultural Anthropology
04254 Psychology
04255 Particular Topics in Psychology
04256 AP Psychology
04257 IB Psychology
04258 Sociology
04259 Particular Topics in Sociology
04260 Social Science
04261 Social Science Research

G. Humanities
04301 Humanities Survey
04302 Humanities
04303 Issues of Western Humanities
04304 IB Theory of Knowledge
04305 Social Studies
04306 Philosophy
04307 Particular Topics in Philosophy
04308 Modern Intellectual History
04309 IB Philosophy
04310 Particular Topics in Humanities

H. All Others
04430 Social Studies (kindergarten)
04431 Social Studies (Grade 1)
04432 Social Studies (Grade 2)
04433 Social Studies (Grade 3)
04434 Social Studies (Grade 4)
04435 Social Studies (Grade 5)
04436 Social Studies (Grade 6)
04437 Social Studies (Grade 7)
04438 Social Studies (Grade 8)
04981 Community Service/Leadership
04982 Field Studies–Social Studies
04983 Seminar/Project–Social Sciences and History
04984 English as a Second Language (ESL)–Transition Social Studies
04985 Bilingual Social Studies
04994 Social Sciences and History–Proficiency Development
04995 Social Sciences and History–Aide
04996 Credit Recovery–Social Studies
04997 Social Sciences and History–Independent Study
04999 Social Sciences and History–Other
**Subject Area 05: Visual and Performing Arts**

**Course categories:**

A. Dance 05(001)-05(049)
B. Theater 05(051)-05(099)
C. Music 05(101)-05(149)
D. Visual and Media Arts 05(151)-05(299)
E. All Others 05(991)-05(995)

**A. Dance**

05001 Dance Survey
05002 Dance Repertory
05003 Dance Technique
05004 Dance History and Appreciation
05005 Composition/Choreography
05006 Social Dance
05007 IB Dance
05008 Dance–Comprehensive
05009 Seminar/Project–Dance
05010 Dance Improvisation
05011 World/Cultural Dance
05012 Technical Theater for Dance
05013 Dance for Musical Theater
05014 Ballet
05015 Jazz Dance
05016 Modern Dance
05017 Hip Hop
05018 Tap Dance
05030 Dance (kindergarten)
05031 Dance (Grade 1)
05032 Dance (Grade 2)
05033 Dance (Grade 3)
05034 Dance (Grade 4)
05035 Dance (Grade 5)
05036 Dance (Grade 6)
05037 Dance (Grade 7)
05038 Dance (Grade 8)
05048 Dance–Independent Study
05049 Dance–Other
**B. Theater**

05051 Introduction to the Theater  
05052 Theater Arts  
05053 Theater–Comprehensive  
05055 Theater–Acting/Performance  
05056 Theater–Stagecraft  
05057 Directing  
05058 Playwriting/Screenwriting  
05059 History and Literature of the Theater  
05060 IB Theater  
05061 Film Study  
05062 Seminar/Project–Theater  
05063 Musical Theater  
05064 Theatrical Production and Management  
05070 Drama (kindergarten)  
05071 Drama (Grade 1)  
05072 Drama (Grade 2)  
05073 Drama (Grade 3)  
05074 Drama (Grade 4)  
05075 Drama (Grade 5)  
05076 Drama (Grade 6)  
05077 Drama (Grade 7)  
05078 Drama (Grade 8)  
05098 Theater–Independent Study  
05099 Theater–Other  

**C. Music**

05101 General Band  
05102 Concert Band  
05103 Marching Band  
05104 Orchestra  
05105 Contemporary Ensemble  
05106 Small Ensemble  
05107 Piano  
05108 Guitar  
05109 Individual Technique–Instrumental Music  
05110 Chorus  
05111 Vocal Ensembles  
05112 Individual Technique–Vocal Music  
05113 Music Theory  
05114 AP Music Theory  
05115 IB Music  
05116 Music History/Appreciation  
05117 Music History  
05118 Music Appreciation
C. Music (Continued)

05119 Composition/Songwriting
05120 Music Theory/Music History
05121 Combined Band and Chorus
05122 Music and Technology
05123 Seminar/Project–Music
05124 Strings
05125 Contemporary Vocal Ensemble
05126 Culturally Influenced Ensemble
05127 Recording and Production
05128 Technology/Electronic Music
05130 Music (kindergarten)
05131 Music (Grade 1)
05132 Music (Grade 2)
05133 Music (Grade 3)
05134 Music (Grade 4)
05135 Music (Grade 5)
05136 Music (Grade 6)
05137 Music (Grade 7)
05138 Music (Grade 8)
05148 Music–Independent Study
05149 Music–Other

D. Visual and Media Arts

05151 Art Appreciation
05152 Art History
05153 AP Art–History of Art
05154 Visual Art–Comprehensive
05155 Visual Art–Drawing/Painting
05156 Visual Art–Drawing
05157 Visual Art–Painting
05158 Visual Art–Sculpture
05159 Ceramics/Pottery
05160 Animation
05161 Printmaking
05162 Visual Design
05163 Calligraphy/Lettering
05164 Textiles and Fibers Design
05165 Crafts
05166 Jewelry
05167 Media Art–Photography
05168 Media Art–Cinematography/Video
05169 Multimedia Art
05170 Art Portfolio
05171 AP Studio Art: 2-D Design
D. Visual and Media Arts (Continued)

05172 AP Studio Art: 3-D Design
05173 IB Visual Arts
05174 IB Film
05175 Seminar/Project–Visual and Media Arts
05176 AP Studio Art–Drawing
05177 Printmaking/Graphics
05178 Advertising Design
05180 Art (kindergarten)
05181 Art (Grade 1)
05182 Art (Grade 2)
05183 Art (Grade 3)
05184 Art (Grade 4)
05185 Art (Grade 5)
05186 Art (Grade 6)
05187 Art (Grade 7)
05188 Art (Grade 8)
05190 Fashion Design
05191 Industrial Design
05192 Architectural Design
05193 Interior Design
05195 Fundamentals of Design
05198 Visual Arts–Independent Study
05199 Visual Arts–Other
05203 Film Appreciation and Analysis
05250 Media Arts–Comprehensive
05251 Digital Imaging
05252 Interactive Design
05253 Interactive Game Design
05254 Web Design
05255 Moving Image
05256 Moving Image–Animation
05257 Digital Sound Design
05258 Virtual Design
05259 Media for Performance
05260 Multimedia Design
05261 Intermedia Design
05262 Media Arts Theory
05263 Media Literacy
05297 Media Arts–Independent Study
05298 Media Arts–Workplace Experience
05299 Media Arts–Other
E. All Others

05991 IB Arts, Middle Years Program
05994 Interdisciplinary Arts
05995 Fine and Performing Art–Aide
Subject Area 07: Religious Education and Theology

Course categories:

A. General Religious Studies 07(001)-07(015)
B. Specialized Courses 07(051)-07(055)
C. Others 07(995)-07(999)

A. General Religious Studies

07001 Religious Foundations (History, tenets, organization, structure, sacraments and symbols)
07002 Comparative Religion (Includes both Eastern and Western religions)
07003 Eastern Religions
07004 Western Religions
07005 Scriptures
07006 Old Testament
07007 New Testament
07008 Bible History
07009 Religious Ethics and Morality
07010 Justice, Peace, and Faith
07011 Faith and Lifestyle
07012 IB World Religions
07013 Prayer and Spirituality
07014 Religious Ethics and Morality
07015 Particular Topics in Religion

B. Specialized Courses

07051 Christology
07052 Religious Figures
07053 Liturgy and Prayer
07055 Ministry

C. Others

07995 Religious Education and Theology–Aide
07996 Seminar/Project–Religious Education and Theology (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
07997 Religious Education and Theology–Independent Study
07999 Religious Education and Theology–Other (Provide local course description)
Subject Area 08: Physical, Health and Safety Education

Course categories:

A. Physical Education 08(001)-08(049)
B. Health Education 08(051)-08(112)
C. Drivers’ Education 08(151)-08(199)
D. All Others 08(990)-08(999)

A. Physical Education

08001 Physical Education
08002 Team Sports
08003 Individual/Dual Sports
08004 Recreation Sports
08005 Fitness/Conditioning Activities
08006 Corps Movement
08008 Gymnastics
08009 Weight Training
08010 Aquatic/Water Sports
08011 Tennis
08012 Self-defense
08013 Specific Sports Activities
08014 Physical Education Equivalent
08015 Off-Campus Sports
08016 Lifetime Fitness Education
08017 Sports Physiology
08018 Physical Education Leadership
08019 Seminar/Project–Physical Education
08020 Coaching
08021 Officiating
08030 Physical Education (kindergarten)
08031 Physical Education (Grade 1)
08032 Physical Education (Grade 2)
08033 Physical Education (Grade 3)
08034 Physical Education (Grade 4)
08035 Physical Education (Grade 5)
08036 Physical Education (Grade 6)
08037 Physical Education (Grade 7)
08038 Physical Education (Grade 8)
08039 IB Physical Education, Middle Years Program
08048 Physical Education–Independent Study
08049 Physical Education–Other
B. Health Education

08051 Health Education
08052 Health and Fitness
08053 Community Health
08055 Safety and First Aid
08056 Health for Parenting Teens
08057 Health and Life Management
08058 Substance Abuse Prevention
08059 Bilingual Health Education
08060 English as a Second Language (ESL)–Transitional Health Education
08061 Credit Recovery–Health Education
08062 Seminar/Project–Health and Safety Education
08070 Health Education (kindergarten)
08071 Health Education (Grade 1)
08072 Health Education (Grade 2)
08073 Health Education (Grade 3)
08074 Health Education (Grade 4)
08075 Health Education (Grade 5)
08076 Health Education (Grade 6)
08077 Health Education (Grade 7)
08078 Health Education (Grade 8)
08098 Health Education–Independent Study
08099 Health Education–Other
08104 Physical and Health Education (kindergarten)
08105 Physical and Health Education (Grade 1)
08106 Physical and Health Education (Grade 2)
08107 Physical and Health Education (Grade 3)
08108 Physical and Health Education (Grade 4)
08109 Physical and Health Education (Grade 5)
08110 Physical and Health Education (Grade 6)
08111 Physical and Health Education (Grade 7)
08112 Physical and Health Education (Grade 8)

C. Drivers’ Education

08151 Drivers’ Education–Classroom Only (No behind the wheel)
08152 Drivers’ Education–Classroom and Laboratory (Includes behind the wheel)
08153 Drivers’ Education–Independent Study
08199 Drivers’ Education–Other (Provide local course description)

D. All Others

08990 Physical Education/Health/Drivers’ Education
08991 Physical, Health, and Safety Education–Independent Study
08995 Physical, Health, and Safety Education–Aide
08999 Physical, Health, and Safety Education–Other
Subject Area 09: Military Science

Course categories:

A. General 09(001)-09(004)
B. Army 09(051)-09(054)
C. Navy 09(101)-09(104)
D. Air Force 09(151)-09(154)
E. Marine Corps 09(201)-09(204)
F. Others 09(994)-09(999)

A. General
09001 Introduction to Junior ROTC
09002 Military Junior ROTC–unspecified branches
09003 ROTC Drill
09004 Military Leadership

B. Army
09051 Army Junior ROTC I
09052 Army Junior ROTC II
09053 Army Junior ROTC III
09054 Army Junior ROTC IV

C. Navy
09101 Naval Junior ROTC I
09102 Naval Junior ROTC II
09103 Naval Junior ROTC III
09104 Naval Junior ROTC IV

D. Air Force
09151 Air Force Junior ROTC I
09152 Air Force Junior ROTC II
09153 Air Force Junior ROTC III
09154 Air Force Junior ROTC IV

E. Marine Corps
09201 Marine Corps Junior ROTC I
09202 Marine Corps Junior ROTC II
09203 Marine Corps Junior ROTC III
09204 Marine Corps Junior ROTC IV
F. Others

09994 Seminar/Project–Military Science (focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
09995 Military Science–Aide
09997 Military Science–Independent Study
09999 Military Science–Other (Provide local course description)
Subject Area 10: Computer Information Sciences

Course categories:

A. Computer Literacy 10(001)-10(050)
B. Management Information Systems 10(051)-10(100)
C. Networking Systems 10(101)-10(150)
D. Computer Science/Programming 10(151)-10(200)
E. Media Technology 10(201)-10(250)
F. Information Support and Services 10(251)-10(300)
G. All Others 10(990)-10(999)

A. Computer Literacy

10001 Introduction to Computers
10002 Computing Systems
10003 Computer and Information Technology
10004 Computer Applications
10005 Business Computer Applications
10006 Telecommunications
10007 IB Information Technology in a Global Society
10008 Particular Topics in Computer Literacy
10010 Computer Literacy
10020 AP Computer Science Principles
10011 Computer Science Principles
10012 Exploring Computer Science
10013 Internet Skills
10014 PLTW Computer Science Essentials
10015 PLTW Computer Science A
10016 PLTW Computer Science Principles
10020 AP Computer Science Principles
10021 Cybersecurity

B. Management Information Systems

10051 Information Management (Information systems to meet business needs)
10052 Database Management and Data Warehousing
10053 Database Applications
10054 Data Systems/Processing
10055 Particular Topics in Management Information Systems
C. Networking Systems

10101 Network Technology (Transmission of data between and among computers and media)
10102 Networking Systems (Design, install, maintain and manage network systems; may include preparation for certification, such as for Net +)
10103 Area Network Design and Protocols
10104 Router Basics (Components, start-up and configuration using CISCO and IOS)
10105 NetWare Routing
10106 Wide Area Telecommunications and Networking
10107 Wireless Networks
10108 Network Security
10109 Essentials of Network Operating Systems
10110 Microsoft Certified Professional (MCP) (Preparation for MCP exam)
10111 Particular Topics in Networking Systems

D. Computer Science/Programming

10151 Business Programming
10152 Computer Programming (Broader classification for study of programming)
10153 Visual Basic Programming
10154 C++ Programming
10155 Java Programming
10156 Computer Programming–Other Language
10157 AP Computer Science A
10159 IB Computing Science
10160 Particular Topics in Computer Programming

E. Media Technology

10201 Webpage Design
10202 Computer Graphics (Production of visual imagery and use of graphic techniques in various fields; includes modeling, simulation, animation and image retouching)
10203 Interactive Media (Creation, design, production of interactive media products/services)
10204 Animation (Courses focus on animation)
10205 Particular Topics in Media Technology
10206 Computer Gaming and Design
10207 Mobile Applications (Create applications for mobile devices including installation and modification)

F. Information Support and Services

10251 Computer Technology (Simple maintenance, computer and peripheral device repair)
10252 Computer Maintenance (More complex installation, operation, maintenance and repair of computers, network systems, digital control instruments and programmable controllers)
10253 Information Support and Services (Assist personal computer users by diagnosing computer and software package application problems and maintaining security requirements)
F. Information Support and Services (Continued)

10254 IT Essentials: PC Hardware and Software (Functionality of hardware and software, including troubleshooting; may include preparation for industry certification, such as A+)
10255 CISCO–The Panduit Network Infrastructure Essentials (PNIE) (Basic cable installer information and support to build and use network infrastructure)
10256 Particular Topics in Information Support and Services
10257 Computer Forensics
10258 Cyber Crime

G. All Others

10990 Computer Information Sciences–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 10992 Apprenticeship and 10998 Work-Based Learning classifications below)
10991 Computer Information Sciences–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
10992 Computer Information Sciences–Apprenticeship (This is a work experience program; for classification of the classroom component for apprenticeships, see 10990 Work Experience Classroom above)
10994 Seminar/Project–Computer and Information Sciences (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
10995 Computer and Information Sciences–Aide
10997 Computer and Information Sciences–Independent Study
10998 Computer and Information Sciences–Work-Based Learning (For classification of the classroom component, see 10990 Work Experience Classroom above)
10999 Computer and Information Sciences–Other (Provide local course description)
Subject Area 11: Communication and Audio/Visual Technology

Course categories:

A. Communication 11(001)-11(004)
A.1. Introduction to Communication (Role of media in society; may include career exploration)
A.2. Communication Technology (Broad study, including drafting, electronic communication, graphic arts, printing process, photography, telecommunications and computers)
A.3. Particular Topics in Communication
A.4. Social Media

B. Audio and Video Technology and Film 11(051)-11(056)
B.1. Audio/Visual Production (Broad study of television, video, photography, film and/or radio production; may include career exploration)
B.2. Commercial Photography (Use of camera and other equipment; may include darkroom)
B.3. Photographic Laboratory and Darkroom (Touching up negatives, finishing, coloring, restoring and copying still prints and/or motion film)
B.4. Photo Imaging (Composition, layout and lighting for digital, film, still and video photography)
B.5. Video (Creation and production of video, including technical and artistic aspects)
B.6. Particular Topics in Audio/Video Technology and Film

C. Journalism and Broadcasting 11(101)-11(108)
C.1. Journalism (Dual focus on journalism and production of newspaper, yearbook or literary magazine)
C.2. Photojournalism
C.3. Broadcasting Technology (All aspects of high school television news broadcast)
C.4. Publication Production (Focus on production only of newspaper, yearbook or literary magazine; no journalism instruction)
C.5. Particular Topics in Journalism and Broadcasting
C.6. Journalism–Print and Broadcast
C.7. Emerging Technologies in Journalism
C.8. Radio Production
D. Printing Technology and Production

11151 Digital Media Technology (Digital imagery use, including internet research, copyright laws, electronic forums, mailing lists and presentation tools)
11152 Desktop Publishing
11153 Digital Media Design and Production (Design and production of three specific media-printed, presentation, and interactive)
11154 Commercial Graphic Design (Design and production for business and customer audiences with long list of applications and topics)
11155 Graphic Technology (Interpretation and production of technical and commercial concepts with long list of applications and topics)
11156 Photography and Printing Technology (Mass production of photography and printing)
11157 Photoengraving
11158 Print Press Operations
11159 Particular Topics in Printing Technology and Production

E. All Others

11990 Communication and Audio/Video Technology–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 11992 Apprenticeship and 11998 Work-Based Learning classifications below)
11991 Communication and Audio/Video Technology–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
11992 Communication and Audio/Video Technology–Apprenticeship (This is a work experience program; for classification of the classroom component for apprenticeships, see 11990 Work Experience Classroom above)
11995 Communication and Audio/Video Technology–Aide
11996 Seminar/Project–Communication and Audio/Visual Technology (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
11997 Communication and Audio/Video Technology–Independent Study
11998 Communication and Audio/Video Technology–Work-Based Learning (For classification of classroom component, see 11990 Work Experience Classroom above)
11999 Communication and Audio/Video Technology–Other (Provide local course description)
Subject Area 12: Business and Marketing

Course categories:

A. Administration 12(001)-12(009)
B. Management 12(051)-12(060)
C. Finance 12(101)-12(110)
D. Marketing 12(151)-12(169)
E. Sales 12(201)-12(202)
F. All Others 12(990)-12(999)

A. Administration

12001 Business/Office Career Exploration
12002 Office Procedures–Comprehensive (Responsibilities and duties of office personnel)
12003 Office and Administrative Technologies (Integration and use of technology in office/administrative occupations)
12004 Office Services (Refine/develop clerical and receptionist skills)
12005 Keyboarding (Improving keyboarding skills only)
12006 Word Processing (Both using software and improving keyboarding skills)
12007 Recordkeeping (For personal and small businesses)
12008 Particular Topics in Administration
12009 Business Communications (Including speaking, listening, thinking, responding, nonverbal, writing and use of technology)

B. Management

12051 Introductory Business (Survey course of business topics and concepts)
12052 Business Management (Broad study of management issues with long list of topics; includes running a school or model store)
12053 Entrepreneurship (Owning and operating a business with long list of topics; includes business simulations)
12054 Business Law
12055 Business Principles and Management (U.S. systems, organization and management)
12056 International Business and Marketing
12057 Human Resources and Labor Relations
12058 Human Resources Management
12059 International Baccalaureate (IB) Business and Management
12060 Business Ethics

C. Finance

12101 Banking and Finance (U.S. monetary and banking systems)
12102 Banking
12103 Finance
C. Finance (Continued)

12104 Accounting (General overview of accounting; for specific topics in accounting see 12110 Particular Topics in Accounting below)
12105 Business Economics
12106 Risk Management and Insurance (Industry employee and business owner applications)
12107 Investing (Both business and individual investment decisions)
12108 Personal Finance Management (Personal and family resources and finances)
12109 Business Math
12110 Particular Topics in Accounting (Includes specific courses such as income tax, payroll or cost accounting; for general overview accounting courses use 12104 Accounting above)

D. Marketing

12151 Marketing Career Exploration
12152 Marketing–Comprehensive (General principles of marketing)
12153 Marketing–Fashion
12154 Marketing–Real Estate
12155 Marketing–Transportation
12156 Marketing–Food/Beverage Industry
12157 Marketing–Insurance
12158 Marketing–Floristry
12159 Marketing–Hospitality/Tourism
12160 Marketing–Merchandising
12161 Retail Marketing
12162 Internet Marketing
12163 Sports and Entertainment Marketing
12164 Principles of Marketing (Market identification, product planning, packaging and pricing)
12165 Principles of Advertising (Concepts underlying promotion of products)
12166 Marketing Management (Common techniques and problems in marketing management)
12167 Marketing–Other Specialization
12168 Marketing–Commodities
12169 Social Media Marketing

E. Sales

12201 Cashier/Checker Operations
12202 Principles of Selling (Types of sales, steps in sale, sale strategies and interpersonal skills)

F. All Others

12990 Business and Marketing–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 12992 Apprenticeship and 12998 Work-Based Learning classifications below)
12991 Business and Marketing–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
F. All Others (Continued)

12992 Business and Marketing–Apprenticeship (This is a work experience program; for classification of the classroom component, see 12990 Work Experience Classroom above)
12994 Business and Marketing Career Exploration
12995 Seminar/Project–Business and Marketing (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
12996 Business and Marketing–Aide
12997 Business and Marketing–Independent Study
12998 Business and Marketing–Work-Based Learning (For classification of classroom component, see 12990 Work Experience Classroom above)
12999 Business and Marketing–Other (Provide local course description)
### Subject Area 13: Manufacturing

#### Course categories:

A. Manufacturing Technology 13(001)-13(003)
B. Processing/Production 13(052)-13(058)
C. Production Systems 13(101)-13(103)
D. Metalwork 13(201)-13(209)
E. Repair 13(301)-13(303)
F. All Others 13(990)-13(999)

#### A. Manufacturing Technology

- 13001 Exploration of Manufacturing Occupations
- 13002 Manufacturing–Comprehensive (Processes and transformations of variety of materials)
- 13003 Industrial Arts (Learning to use tools and machines in wide variety of industrial arts applications)

#### B. Processing/Production

- 13052 Materials and Processes (Analysis, testing and processing of a variety of materials)
- 13053 Metal and Wood Processing/Production (Properties of metal and wood and construction of products)
- 13054 Wood Processing/Production (Properties of wood and construction of products)
- 13055 Metal Processing/Production (Properties of metal and construction of products)
- 13056 Plastics Processing/Production (Properties of plastic and construction of products)
- 13057 Ceramic Processing/Production (Properties of ceramics and construction of products)
- 13058 Particular Topics in Processing and Production

#### C. Production Systems

- 13101 Production Systems (Manufacturing technologies from concept through production)
- 13102 Electro-Mechanical Systems (Electrical and mechanical principles, components and equipment)
- 13103 Product Development (Designing and building prototypes and working models)

#### D. Metalwork

- 13201 Metalwork Occupations
- 13202 Metalworking (Comprehensive—qualities and applications of various metals and tools used to form metal products, includes welding)
- 13203 Machining (Comprehensive—creating metal parts using various tools/equipment)
- 13204 Particular Topics in Machining
- 13205 Sheet Metal (Comprehensive—creating and maintaining sheet metal structures)
- 13206 Particular Topics in Sheet Metal
- 13207 Welding (Comprehensive—joining and cutting metals)
- 13208 Particular Topics in Welding
- 13209 Particular Topics in Metalwork
E. Repair

13301 Appliance Repair
13302 Equipment Maintenance and Repair (General study or a focus on specific industry)
13303 Industrial Maintenance

F. All Others

13990 Manufacturing–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 13992 Apprenticeship and 13998 Work-Based Learning classifications below)
13991 Manufacturing–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
13992 Manufacturing–Apprenticeship (This is a work experience program; for classification of the classroom component, see 13990 Work Experience Classroom above)
13995 Manufacturing–Aide
13996 Seminar/Project–Manufacturing (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
13997 Manufacturing–Independent Study
13998 Manufacturing–Work-Based Learning (For classification of classroom component, see 13990 Work Experience Classroom above)
13999 Manufacturing–Other (Provide local course description)
Subject Area 14: Health Care Sciences

Course categories:

A. Comprehensive  14(001)-14(003)
B. Therapeutic Services  14(051)-14(063)
C. Diagnostic Services  14(101)-14(105)
D. Health Information  14(151)-14(157)
E. Support Services  14(201)-14(204)
F. Health Sciences  14(251)-14(259)
G. All Others  14(990)-14(999)

A. Comprehensive

14001 Exploration of Health Care Occupations (Introduces health care industry as a whole)
14002 Health Care Occupations–Comprehensive (Additional orientation to health care industry; refines and develops health care knowledge and skills)
14003 Medical Law and Ethics

B. Therapeutic Services

14051 Nursing (General health care performed by nursing/nursing assistants)
14052 Nursing–LPN (Focus on preparation for state practical nursing examination)
14053 Home Health Care (How to care for individuals in their homes)
14054 Dental Science (Tools, terminology, and procedures in dental industry)
14055 Emergency Medical Technology (Knowledge and skills needed in medical emergencies)
14056 Surgical Technology (Care and needs of patients undergoing surgery)
14057 Vision Care (Tools, terminology and procedures in optometric or optic field)
14058 Optometrics (Prepare, assemble and fit lenses prescribed by optometrist)
14059 Gerontology (Adult development and process of aging)
14060 Physical Therapy (Skills to work with patients in physical rehabilitation setting)
14061 Respiratory Therapy (Skills to work with breathing or cardiopulmonary disorders)
14062 Care of Athletes (Skills to perform tasks designated by athletic or fitness trainer)
14063 Particular Topics in Therapeutic Services (Other topics not listed above such as job shadowing and basic clinical skills practice)

C. Diagnostic Services

14101 Dental Laboratory Technology (Technical skills instruction in dental lab work)
14102 Medical Lab Technology (Technical skills to work in health care-related laboratories)
14103 EKG Technology (Cardiovascular system and skills to perform electrocardiographs)
14104 Phlebotomy (Knowledge and skills related to drawing blood)
14105 Particular Topics in Diagnostic Services
D. Health Information

14151 Medical/Clerical Assisting (Such as assess vital signs, perform routine lab procedures, transcribe medical information, and/or bill patients and insurance companies)

14152 Pharmacy Assisting

14153 Medical Office Procedures (Develop clerical knowledge, skills and procedures in medical field; terminology and routine procedures often included)

14154 Medical Terminology

14155 Particular Topics in Health Information

14156 Medical Coding and Transcription

14157 Health Informatics and Data Management (Introduction to automated information systems in health care delivery systems)

E. Support Services

14201 Central Service Technology (Handling and distributing sterile goods and equipment)

14202 Health Support Services (Supporting patients’ primary health care)

14203 Health Unit Coordination (Such as reception duties and stocking medical supplies)

14204 Particular Topics in Health Support Services

F. Health Sciences

14251 Health Science (Integration of chemistry, disease processes, genetics and body systems)

14252 Biotechnology (Integration of living systems and technology)

14253 Pharmacology (Chemical substances and their mechanisms of action)

14254 PLTW–Principles of the Biomedical Sciences™ (Only official PLTW sites may use this classification)

14255 PLTW–Human Body Systems™ (Only official PLTW sites may use this classification)

14256 PLTW–Medical Interventions™ (Only official PLTW sites may use this classification)

14257 PLTW–Biomedical Innovations™ (Only official PLTW sites may use this classification)

14258 Particular Topics in Health Sciences

14259 Biomedical Innovations

G. All Others

14990 Health Care Sciences–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 14992 Apprenticeship and 14998 Work-Based Learning classifications below)

14991 Health Care Sciences–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)

14992 Health Care Sciences–Apprenticeship (This is a work experience program; for classification of the classroom component, see 14990 Work Experience Classroom above)

14995 Health Care Sciences–Aide

14996 Seminar/Project–Health Care Sciences (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)

14997 Health Care Sciences–Independent Study

14998 Health Care Sciences–Work-Based Learning (For classification of classroom component, see 14990 Work Experience Classroom above)

14999 Health Care Sciences–Other (Provide local course description)
Subject Area 15: Public, Protective and Government Services

Course categories:

A. Public Service Careers 15(001)-15(001)
B. Law Enforcement 15(051)-15(058)
C. Security and Protection 15(101)-15(104)
D. Fire Management 15(151)-15(153)
E. Government Service 15(201)-15(203)
F. All Others 15(990)-15(999)

A. Public Service Careers
15001 Exploration of Public Service Careers

B. Law Enforcement
15051 Criminal Justice (Principles, structures and procedures of the justice system and the law)
15052 Corrections (Study of institutions that incarcerate, rehabilitate and monitor criminals)
15053 Particular Topics in Law Enforcement
15054 Law Enforcement
15055 Forensic Science
15056 Crime Scene Management
15057 Criminal Law and Procedure
15058 Ethics in Criminal Justice

C. Security and Protection
15101 Public Safety (Safety and security of homes, workplaces and community)
15102 Security Services (Safety and security of buildings and facilities)
15103 Particular Topics in Security
15104 Public Safety Telecommunications (Focus on skills and knowledge necessary to become a 911 telecommunicator)

D. Fire Management
15151 Fire Science (Factors involved in fires)
15152 Fire Fighting (Practice in fighting and prevention of fires)
15153 Particular Topics in Fire Management

E. Government Service
15201 Public Administration (Structure and roles of public and government agencies)
15202 Community Protection (Includes civil defense, disaster preparedness and crime prevention)
15203 Public Policy (Programs and policies implemented by public and government agencies)
F. All Others

15990 Public, Protective, and Government Service–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 15992 Apprenticeship and 15998 Work-Based Learning classifications below)

15991 Public, Protective and Government Service–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)

15992 Public, Protective and Government Service–Apprenticeship (This is a work experience program; for classification of the classroom component, see 15990 Work Experience Classroom above)

15995 Public, Protective and Government Service–Aide

15996 Seminar/Project–Public, Protective and Government Services (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)

15997 Public, Protective and Government Service–Independent Study

15998 Public, Protective and Government Service–Work-Based Learning (For classification of the classroom component, see 15990 Work Experience Classroom above)

15999 Public, Protective and Government Service–Other (Provide local course description)
Subject Area 16: Hospitality and Tourism

Course categories:

A. Comprehensive 16(001)-16(002)
B. Restaurant, Food and Beverage Services 16(051)-16(057)
C. Lodging 16(101)-16(104)
D. Travel and Tourism 16(151)-16(155)
E. Recreation, Amusement and Attractions 16(201)-16(203)
F. All Others 16(990)-16(999)

A. Comprehensive
16001 Exploration of Hospitality Careers
16002 Hospitality Business/Management–Comprehensive

B. Restaurant, Food and Beverage Services
16051 Exploration of Restaurant, Food, and Beverage Services
16052 Restaurant, Food, and Beverage Services–Comprehensive
16053 Food Service (Such as large-scale meal preparation, food storage and sanitation)
16054 Nutrition and Food Preparation (Emphasis on nutrition and special dietary needs; includes career study)
16055 Restaurant Management and Operations
16056 Culinary Art Specialty (Cooking styles, including specialties such as wedding cakes)
16057 Particular Topics in Restaurant, Food, and Beverage Services

C. Lodging
16101 Exploration of Lodging Careers
16102 Lodging–Comprehensive (All aspects from property management to guest relationships)
16103 Institutional Maintenance
16104 Particular Topics in Lodging

D. Travel and Tourism
16151 Introduction to Travel and Tourism
16152 Travel and Tourism–Comprehensive
16153 World Travel and Tourism (Focus on outside of the U.S.)
16154 Eco-tourism (Travel with emphasis on conservation/environment)
16155 Particular Topics in Travel and Tourism

E. Recreation, Amusement and Attractions
16201 Exploration of Recreation, Amusement, and Attractions (Overview of recreation industry)
16202 Recreation, Amusement, and Attractions–Comprehensive
16203 Particular Topics in Recreation, Amusement, and Attractions
F. All Others

16990 Hospitality and Tourism–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 16992 Apprenticeship and 16998 Work-Based Learning classifications below)

16991 Hospitality and Tourism–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)

16992 Hospitality and Tourism–Apprenticeship (This is a work experience program; for classification of classroom component, see 16990 Work Experience Classroom above)

16995 Hospitality and Tourism–Aide

16996 Seminar/Project–Hospitality and Tourism (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)

16997 Hospitality and Tourism–Independent Study

16998 Hospitality and Tourism–Work-Based Learning (for classification of classroom component, see 16990 Work Experience Classroom above)

16999 Hospitality and Tourism–Other (Provide local course description)
Subject Area 17: Architecture and Construction

Course categories:

A. Construction–General

B. Air Conditioning, Heating and Plumbing

C. Electricity/Electronics

D. All Others

A. Construction–General

17001 Construction Careers Exploration
17002 Construction–Comprehensive (broad study of the field)
17003 Carpentry (Emphasis on building wooden structures)
17004 Framing Carpentry (Emphasis on floor, wall, roof and/or stair framing)
17005 Particular Topics in Carpentry
17006 Woodworking (Traditional woodworking course)
17007 Cabinetmaking (Constructing furniture, including cases, cabinets and/or counters)
17008 Masonry
17009 Building Maintenance
17010 Home Maintenance
17011 Wall Finishing (Interior and/or exterior such as wallpapering or stucco)
17012 Upholstering
17013 Furniture (Designing, constructing and finishing)
17014 Commercial Construction
17015 Construction Estimating
17016 Construction Management
17017 Particular Topics in Construction
17018 Concrete Foundations

B. Air Conditioning, Heating, and Plumbing

17051 Air Conditioning
17052 Refrigeration
17053 Heating
17054 Air Conditioning/Refrigeration
17055 Air Conditioning, Heating, and Refrigeration
17056 Heating, Ventilation, and Air Conditioning
17057 Particular Topics in HVACR
17058 Plumbing
17059 Plumbing and Heating

C. Electricity/Electronics

17101 Exploration of Electricity/Electronics
17102 Electricity–Comprehensive
17103 Residential Wiring
C. Electricity/Electronics (Continued)

17104 Industrial Electricity
17105 Particular Topics in Electricity
17106 Electronics–Comprehensive (Theory and terminology; may include building and repair of radios, televisions and industrial equipment)
17107 Particular Topics in Electronics
17108 Electricity/Electronics–General (Fundamental electrical/electronic concepts and equipment)
17109 Particular Topics in Electricity/Electronics
17110 Analog and Digital Circuits
17111 Analog Circuits
17112 Digital Circuits

D. All Others

17990 Architecture and Construction–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 17992 Apprenticeship and 17998 Work-Based Learning classifications below)
17991 Architecture and Construction–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
17992 Architecture and Construction–Apprenticeship (This is a work experience program; for classification of classroom component, see 17990 Work Experience Classroom above)
17995 Architecture and Construction–Aide
17996 Seminar/Project–Architecture and Construction (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
17997 Architecture and Construction–Independent Study
17998 Architecture and Construction–Work-Based Learning (For classification of classroom component, see 17990 Work Experience Classroom above)
17999 Architecture and Construction–Other (Provide local course description)
Subject Area 18: Agriculture, Food and Natural Resources

Course categories:

A. Comprehensive 18(001)-18(109)
B. Plant Systems 18(051)-18(056)
C. Animal Systems 18(101)-18(109)
D. Agribusiness 18(201)-18(205)
E. Agriculture Production/Processing 18(301)-18(311)
F. Agriculture Mechanics and Construction 18(401)-18(406)
G. Natural Resources 18(501)-18(506)
H. All Others 18(990)-18(999)

A. Comprehensive

18001 Introduction to Agriculture and Natural Resources (Survey of varied careers; includes communication skills, business principles and leadership skills)
18002 Agriculture—Comprehensive (Emphasis on agricultural topics, knowledge and skills)
18003 Agriculture and Natural Resources—Comprehensive (Includes both agricultural and natural science topics, knowledge and skills)
18004 Biological Applications in Agriculture
18005 Particular Topics in Environmental Service Systems
18107 Animal Nutrition
18108 Animal Genetics
18109 Integrated Pest Management

B. Plant Systems

18051 Plant Production/Science (Production of plants for food and fiber)
18052 General Horticulture (All areas of growing shrubs, trees, flowers, vegetables and fruits)
18053 Ornamental Horticulture (Includes nurseries, greenhouses and/or floral industry)
18054 Turf and Landscape Management (Design, establish and maintain green spaces)
18055 Soil Science (Soil properties, may include chemical, biological, fertility and hydrology)
18056 Particular Topics in Plant Systems

C. Animal Systems

18101 Animal Production/Science (Care and management of domestic and farm animals)
18102 Small Animal Care (Emphasis on care and management of small animals)
18103 Large Animal Care (Emphasis on care and management of large animals)
18104 Equine Science (Horses only)
18105 Veterinary Science (Causes, diagnosis and treatment of animal diseases and injuries)
18106 Particular Topics in Animal Systems
18107 Animal Nutrition
18108 Animal Genetics
18109 Integrated Pest Management
D. Agribusiness

18201 Agribusiness Management (Information and skills in agribusiness; includes economics)
18202 Agricultural Entrepreneurship (Skills necessary for entrepreneurial ventures)
18204 Particular Topics in Agribusiness (Such as land surveying and other topics not listed)
18205 Agriculture Computers and Technology

E. Agricultural Production/Processing

18301 Agricultural Production (Care of plants and/or animals and resource management)
18302 Agricultural Processing (Bringing plant and/or animal products to market)
18303 Plant Processing (Emphasis on plant processing and products)
18304 Animal Processing (Emphasis on animal processing and products)
18305 Food Product Processing (Emphasis on food processing and products)
18306 Aquaculture (Producing fish, plants or other aquatic species)
18307 Agriculture and Society (Relationships between society and agriculture such as economic and
environmental issues or technological advances)
18308 Agricultural Biotechnology (Combines technology with plant /animal biology)
18309 Particular Topics in Agricultural Production/Processing
18310 Sustainable/Alternative Agriculture
18311 Viticulture

F. Agricultural Mechanics and Construction

18401 Agriculture Mechanics/Equipment/Structures (Construction, operation, maintenance and repair,
including electricity, power principles and safety procedures)
18402 Agriculture Mechanics and Equipment (Power mechanics, operation, maintenance and repair; includes
alternative energy and engineering related to agriculture)
18403 Agriculture Structures (Construction and maintenance)
18404 Agriculture Welding (Includes more than welding; list of topics and areas of study)
18405 Particular Topics in Agricultural Mechanics and Construction
18406 Water Treatment

G. Natural Resources

18501 Wildlife Management (General study of humans and animals sharing the land)
18502 Forestry (Emphasis on cultivation, care and management; may include harvesting)
18504 Natural Resources Management (Use and preservation of land, water and wildlife)
18505 Particular Topics in Natural Resources
18506 Alternative Energy
H. All Others

18990 Agriculture, Food and Natural Resources–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 18992 Apprenticeship and 18998 Work-Based Learning classifications below)

18991 Agriculture, Food and Natural Resources–Student Leadership (Leadership skills development, typically includes participation in national student organizations)

18992 Agriculture, Food and Natural Resources–Apprenticeship (This is a work experience program; for classification of classroom component, see 18990 Work Experience Classroom above)

18995 Agriculture, Food and Natural Resources–Aide

18996 Seminar/Project–Agriculture, Food and Natural Resources (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)

18997 Agriculture, Food and Natural Resources–Independent Study

18998 Agriculture, Food and Natural Resources–Work-Based Learning (For classification of classroom component, see 18990 Work Experience Classroom above)

18999 Agriculture, Food and Natural Resources–Other (Provide local course description)
Subject Area 19: Human Services

Course categories:

A. Career Exploration  19(001)-19(001)
B. Child and Elder Care  19(051)-19(055)
C. Cosmetology  19(101)-19(107)
D. Education  19(151)-19(155)
E. Apparel and Furnishing  19(201)-19(208)
F. All Others  19(301)-19(999)

A. Career Exploration

19001 Human Services Career Exploration

B. Child and Elder Care

19051 Child Care (Emphasis on child-care industry)
19052 Child Development (Emphasis on appropriate care for developmental stage of child)
19053 Elder Care (Emphasis on needs and concerns of elderly)
19054 Care Giving Service (Needs and concerns of children, elderly and physically challenged)
19055 Particular Topics in Child and Elder Care

C. Cosmetology

19101 Cosmetology–Licensing (Focus on preparation for licensing examination)
19102 Barbering (May include preparation for licensing examination)
19103 Hair Styling (Emphasis on cutting, shampooing and styling hair)
19104 Cosmetology–Non-licensing (Does not include preparation for licensing examination)
19105 Cosmetology–Nail Specialization
19106 Cosmetology–Facial Specialization
19107 Particular Topics in Cosmetology

D. Education

19151 Teaching Profession (Learning principles, duties and responsibilities of teachers)
19152 Educational Methodology (How to teach and guide students)
19153 Early Childhood Education (How to teach and guide young children)
19154 Particular Topics in Education
19155 Instructional Technology
E. Apparel and Furnishings

19201 Clothing and Textiles–Comprehensive (Garment construction and textile industries)
19202 Clothing/Textile Maintenance (Cleaning and caring for clothing and/or textiles)
19203 Apparel Construction (General clothing or textile construction, alteration and repair or focus on particular type of garment or textile)
19204 Apparel and Textile Services (Such as cleaning, commercial sewing or upholstery repair)
19205 Home Furnishing (Design/decorating, may include home improvements/housing issues)
19206 Home Furnishings Production (Construction of slipcovers and/or draperies, may include pillows and quilts or specialize in one area such as upholstery)
19207 Particular Topics in Apparel and Furnishings
19208 Fashion Design (Knowledge of fashion industry with emphasis on design)

F. All Others

19301 Counseling and Mental Health
19990 Human Services–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 19992 Apprenticeship and 19998 Work-Based Learning classifications below)
19991 Human Services–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
19992 Human Services–Apprenticeship (This is a work experience program; for classification of the classroom component, see 19990 Work Experience Classroom above)
19993 Counseling and Mental Health
19995 Human Services–Aide
19996 Seminar/Project–Human Services (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
19997 Human Services–Independent Study
19998 Human Services–Work-Based Learning (For classification of classroom component, see 19990 Work Experience Classroom above)
19999 Human Services–Other (Provide local course description)
Subject Area 20: Transportation, Distribution and Logistics

Course categories:

A. Transportation Technology 20(001)-20(002)
B. Operation 20(051)-20(055)
C. Mechanics and Repair 20(101)-20(120)
D. Distribution and Logistics 20(151)-20(152)
E. All Others 20(990)-20(999)

A. Transportation Technology

20001 Exploration of Transportation Careers
20002 Exploration of Transportation, Distribution and Logistics

B. Operation

20051 Truck and Bus Driving
20052 Heavy Equipment Operation
20053 Aviation (Science of flight, including principles of navigation and flight control, ground and airport operations and services, FAA regulations)
20054 Boat Operation (Comprehensive study of operations of marine vehicles, including life at sea, emergency procedures, engine maintenance and marine navigation)
20055 Pilot Training

C. Mechanics and Repair

20101 Energy/Power (Sources of energy and uses in society, transmission and control of power through mechanical or electrical devices such as motors and engines)
20102 Power and Mechanics (Energy conversion, transmission and control, including maintaining and servicing machines and engines)
20103 Introduction to Automobiles (Personal automobile maintenance)
20104 Automotive Mechanics—Comprehensive (Diagnosis and repair of various automotive systems, including non-diesel trucks; may include preparation for certification through programs such as NATEF and ASE)
20105 Particular Topics in Automotive Mechanics
20106 Automotive Service (Includes tune-ups, oil change, lubrication, tire alignment and balancing, and service station management)
20107 Diesel Mechanics—Comprehensive (Emphasis on diesel engines and related systems)
20108 Particular Topics in Diesel Mechanics
20109 Small Vehicle Mechanics (Repair and maintain motorcycles, snowmobiles and all-terrain vehicles, including engines, frames and suspension, wheels and brakes, drive trains and electrical systems)
20110 Small Engine Mechanics (Service and recondition two- and/or four-cycle engines for lawn mowers, tractors, tillers and power tools)
20111 Marine Mechanics (Emphasis on boat and/or ship engines and related equipment)
20112 Heavy Equipment Mechanics (Emphasis on equipment used in mining, construction and utility industries)
20113 Aircraft Power Plant (Troubleshoot, test, repair and install aircraft engines)
20114 Aircraft Airframe (structure and mechanics of aircraft other than engine)
C. Mechanics and Repair (Continued)

20115 Automotive Detailing and Reconditioning (Repair and/or detail auto paint/finish)
20116 Automotive Body Repair and Refinishing–Comprehensive (All aspects of damaged auto repair)
20117 Particular Topics in Automotive Body Repair and Refinishing
20118 Boat Repair/Refinishing
20119 Hybrid Engines
20120 Motorsports Technology (Race car fabrication including high performance engines and all facets of racing industry)

D. Distribution and Logistics

20151 Distribution–Comprehensive (Knowledge and skills for delivery of commodities)
20152 Warehouse Operations (Moving and storing large quantities of materials, including safety and security)

E. All Others

20990 Transportation, Distribution and Logistics–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 20992 Apprenticeship and 20998 Work-Based Learning classifications below)
20991 Transportation, Distribution and Logistics–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
20992 Transportation, Distribution and Logistics–Apprenticeship (This is a work experience program; for classification of classroom component, see 20990 Work Experience Classroom above)
20995 Transportation, Distribution and Logistics–Aide
20996 Seminar/Project–Transportation, Distribution and Logistics (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
20997 Transportation, Distribution and Logistics–Independent Study
20998 Transportation, Distribution and Logistics–Work-Based Learning (For classification of classroom component, see 20990 Work Experience Classroom above)
20999 Transportation, Distribution and Logistics–Other (Provide local course description)
Subject Area 21: Engineering and Technology

Course categories:

A. Engineering 21(001)-21(025)
B. Technology 21(051)-21(062)
C. Drafting 21(101)-21(108)
D. All Others 21(990)-21(999)

A. Engineering

21001 Pre-Engineering Technology
21002 Engineering Applications
21003 Engineering Technology
21004 PLTW–Principles of Engineering™
21005 Engineering–Comprehensive
21006 PLTW–Introduction to Engineering Design™
21007 PLTW–Engineering Design and Development™
21008 PLTW–Digital Electronics™
21009 Robotics
21010 PLTW–Computer Integrated Manufacturing™
21011 Civil Engineering
21012 PLTW–Civil Engineering and Architecture™
21013 PLTW–Aerospace Engineering TM
21015 Particular Topics in Engineering
21016 Principles of Engineering
21017 Engineering Design
21018 Engineering Design and Development
21019 Digital Electronics
21020 Computer Integrated Manufacturing
21021 Civil Engineering and Architecture
21022 Aerospace Engineering
21023 Biotechnical Engineering
21024 PLTW Environmental Sustainability
21025 PLTW Environmental Design and Development™

B. Technology

21051 Technological Literacy (Includes understanding communication, transportation, energy, production, biotechnology and integrated technology systems and processes)
21052 Technological Processes (Apply industrial technology processes to solve problems)
21053 Emerging Technologies (Examine and understand new communication and transportation technologies)
21054 Technology Innovation and Assessment (How criteria, constraints and processes affect design solutions)
21055 Aerospace Technology (Technology systems used in the aerospace industry, may include satellite communications, space station construction and space shuttle propulsion)
21056 Particular Topics in Technology Applications
21057 Laser/Fiber Optics
B. Technology (Continued)

21058 Geospatial Technology
21059 Modeling and Simulation Technology
21060 Wind Energy
21061 Wind Turbine Construction and Operation
21062 IB Design, Middle Years Program

C. Drafting

21101 Drafting Careers Exploration
21102 Drafting–General (May include introduction to CAD systems)
21103 Drafting–Architectural
21104 Drafting–Civil/Structural
21105 Drafting–Electrical/Electronic
21106 Drafting–Technical/Mechanical
21107 CAD Design and Software (May introduce and/or refine CAD knowledge and skills)
21108 Blueprint Reading (Emphasis may be on reading, not producing blueprints; although some courses offer both experiences)

D. All Others

21990 Engineering and Technology–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 21992 Apprenticeship and 21998 Work-Based Learning classifications below)
21991 Engineering and Technology–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)
21992 Engineering and Technology–Apprenticeship (This is a work experience program; for classification of classroom component, see 21990 Work Experience Classroom above)
21995 Engineering and Technology–Aide
21996 Seminar/Project–Engineering and Technology (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
21997 Engineering and Technology–Independent Study
21998 Engineering and Technology–Work-Based Learning (For classification of classroom component, see 21990 Work Experience Classroom above)
21999 Engineering and Technology–Other (Provide local course description)
Subject Area 22: Family and Consumer Science

Course categories:

A. Comprehensive 22(001)-22(003)
B. Food and Nutrition 22(051)-22(053)
C. Children, Family and Personal 22(101)-22(108)
D. Clothing and Décor 22(151)-22(153)
E. All Others 22(990)-22(999)

A. Comprehensive
22001 Family and Consumer Science–Comprehensive (Includes foods, family, home and clothing)
22002 Family and Consumer Science Career Exploration
22003 Family and Consumer Science Youth Service (Includes family and consumer related school/district or community service learning)

B. Food and Nutrition
22051 Food and Nutrition (Food preparation and/or nutritional needs of a balanced diet)
22052 Food Science (Composition, structure and properties of food during processing, storage and preparation)
22053 Nutrition and Wellness

C. Children, Family and Personal
22101 Child Development/Parenting (Appropriate response to different stages of childhood)
22102 Family Living/Interpersonal Relationships (Build and maintain healthy relationships)
22103 Life Skills (Decision-making around budgets, relationships, housing and transportation)
22104 Personal Awareness/Teen Issues (Various lifestyle and career choices important to teens)
22105 Personal Development (Individual growth with focus on developing personal strengths)
22106 Consumer Economics (Concepts and principles of managing resources, time and money; may include legal issues related to family and consumer economics)
22107 Human Growth and Development
22108 Values Clarification

D. Clothing and Decor
22151 Clothing/Sewing (Broad study of wearing apparel, sewing and fashion)
22152 Housing and Home Furnishings (Broad study of interior design for personal home)
22153 Needlework (Such as knitting, crocheting, cross-stitch, needlepoint and embroidery)
E. All Others

22990 Family and Consumer Science–Work Experience Classroom (This is the classroom portion of apprenticeship or work-based learning programs; see 22992 Apprenticeship and 22998 Work-Based Learning classifications below)

22991 Family and Consumer Science–Student Leadership (Developing leadership skills, typically includes participation in recognized national student organizations)

22992 Family and Consumer Science–Apprenticeship (This is a work experience program; for classification of the classroom component, see 22990 Work Experience Classroom above)

22995 Family and Consumer Science–Aide

22996 Family and Consumer Science–Independent Study

22997 Seminar/Project–Family and Consumer Science (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)

22998 Family and Consumer Science–Work-Based Learning (For classification of classroom component, see 22990 Work Experience Classroom above)

22999 Family and Consumer Science–Other (Provide local course description)
Subject Area 23: Academic and Career Development

Course categories:

A. Academic Enrichment 23(001)-23(020)
B. Staff Assistance 23(051)-23(055)
C. School and Community Organization/Leadership 23(101)-23(106)
D. College and Career Exploration/Preparation 23(151)-23(154)
E. Support Services/Special Education 23(201)-23(399)
F. English Language Development 23(401)-23(499)
G. All Others 23(500)-23(999)

A. Academic Enrichment

23001 Standardized Test Preparation (For national tests such as PSAT, SAT and ACT)
23003 Study Skills (Preparation for success in high school and/or postsecondary)
23004 Dropout Prevention (Practical academic and/or occupational support for at-risk students)
23005 Tutorial (Students receive tutoring)
23006 Study Hall
23007 Homeroom/Advisory
23008 Field Studies–Nonspecific Subject Area
23009 Seminar/Project–Nonspecific Subject Area (Focus on cross-curricular individual student projects typically within a group study of a larger issue or topic of inquiry)
23010 College Course–Direct Pay PSEO (Use this classification when no other in this document describes the Direct Pay course student completed)
23011 Advanced Placement (AP) Seminar (Parallels college courses in critical thinking and communication)
23012 State Test Preparation
23013 IB Creativity, Action, Service
23014 IB Personal Project, Middle Years Program
23016 IB Extended Essay
23017 IB Approaches to Learning
23018 AP Research
23019 IB Personal and Professional Skills
23020 IB Primary Years Program

B. Staff Assistance

23051 Office Aide
23052 Guidance Aide
23053 Library/AV Aide
23054 Tutoring Practicum (Students provide tutoring)
23055 Nonspecific Subject Area–Aide (Use when subject area for aide is not known)
C. School and Community Organization/Leadership

23101 Nonspecific Subject Area Leadership (Strengthen personal and group leadership skills; may include participation in nationally recognized student organizations)
23102 School Orientation (Introduction to school expectations, structure and conventions)
23103 School Governance (Discussion of common concerns to solve school-related problems)
23104 Community/School Service Learning
23105 Peer Counseling
23106 Academic Competition

D. College and Career Exploration/Preparation

23151 Career Exploration (May include postsecondary education options)
23152 Career Skills (Skills to remain and advance in workplace)
23153 Occupation/Work Skills (Practical skills to find and keep employment)
23154 College/Postsecondary Education Exploration (Includes AVID courses but is not exclusive to AVID courses)

E. Support Services/Special Education

Note: The adapted physical education course classification number is 08007 and is listed in 08 Physical, Health and Safety Education. It is not repeated in this Subject Area.
23201 English/Language Arts–Support Services
23202 Reading–Support Services
23203 Reading and Writing–Support Services
23204 Writing–Support Services
23205 Language Arts/Social Studies Combination–Support Services
23206 Language Arts Seminar/Project–Support Services
23209 Particular Topics in Language Arts–Support Services
23210 Mathematics–Support Services
23211 Algebra–Support Services
23212 Geometry–Support Services
23213 Technical/Consumer Math–Support Services
23214 Mathematics Seminar/Project–Support Services
23219 Particular Topics in Math–Support Services
23220 Science–Support Services
23221 Physical Science–Support Services (Typically includes aspects of chemistry, physics and earth science)
23222 Biology/Life Science–Support Services
23223 Earth Science–Support Services
23224 Science Seminar/Project–Support Services
23229 Particular Topics in Science–Support Services
23230 U.S. History–Support Services
23231 World History–Support Services
23232 Civics/Government–Support Services
23233 Geography/Human Geography–Support Services (May focus on specific world areas, including the U.S., and include current events, political, economic and social issues)
23234 Global Studies–Support Services (Focus on geography with current events on a range of topics that may include political, economic, social and cultural issues)
E. Support Services/Special Education (Continued)

23235 Economics–Support Services
23236 Social Studies Seminar/Project–Support Services
23239 Particular Topics in Social Studies–Support Services
23240 Health–Support Services
23241 Health Seminar/Project–Support Services
23249 Particular Topics in Health–Support Services
23250 Visual and Media Art–Support Services
23251 Music–Support Services
23252 Arts Seminar/Project–Support Services
23253 Social Development Instruction
23259 Particular Topics in the Arts–Support Services
23260 Academic Credit–Support Services (Courses designed for students to meet graduation or IEP requirements in the academic content areas)
23269 Particular Topics in Academic Content Areas–Support Services (Classification for particular academic content courses not listed above)
23270 Study Skills–Support Services (Instructional support to complete assignments in content areas; may include work on IEP goals)
23271 Quiet Study–Support Services (Quiet study/assignment completion time)
23272 Direct Support–Support Services (Instructional support for IEP goals, often from case manager)
23279 Particular Topics in Study Skills–Support Services (Classification for particular study/support course not listed above)
23280 Transition Strategies–Support Services (Comprehensive–emphasizes the transition to postsecondary education, employment, and daily and community living)
23281 Teen Relationships/Family Living–Support Services
23282 Social Skills–Support Services
23283 Living Skills–Support Services (Such as interactions with others, budgeting, domestic skills, accessing community resources, emergency skills, disability awareness, employment skills)
23289 Particular Topics in Social/Living Skills–Support Services (Classification for particular courses in social or living skills not listed above)
23290 Career Planning–Support Services
23291 Job Skills–Support Services (Not a career and technical education work experience course classification; see classifications 23390 and 23398 for career and technical educations program classifications)
23292 Career Exploration/Applied Job Skills–Support Services (Not a career and technical education work experience course classification; see 23390 and 23398 for career and technical educations program classifications)
23293 Keyboarding–Support Services
23294 Communication/Technology–Support Services (Skills to communicate ideas through visual images, printed materials and/or audio segments for various audiences and purposes)
23299 Particular Topics in Career/Occupational Skills–Support Services (Classification for particular courses in career/occupational skills not listed above)
23300 Recreation/Leisure–Support Services (Such as bowling, swimming, yoga)
23301 Community Exploration/Personal Mobility–Support Services
23302 Daily Living–Support Services (Skills for living in a domestic setting)
E. Support Services/Special Education (Continued)

23307 Developmental Support
23308 Community Living
23309 Particular Topics in Daily/Community Living–Support Services (Classification for particular courses in daily/community living not listed above)
23310 Communication Instruction–Support Services (Speech pathology)
23311 Developmental Support–Support Services (Based on individual student needs, emphasizes increasing skill or control of physical and/or cognitive functions)
23319 Particular Topics in Developmental Support–Support Services (Classification for particular courses in developmental support not listed above)
23320 Integrated Program–Support Services (Self-contained classroom supporting success in multiple areas, including academic subjects, career exploration and life skills as appropriate for student needs, interests and abilities; may include physical education, art and occupational skills sessions outside of the self-contained classroom)
23321 Individualized Program–Support Services (Highly structured; individualized training programs in social, behavioral, vocational and personal care skill development to meet IEP goals)
23329 Particular Programs–Support Services (Classification for particular programs of an integrated or individualized nature not listed above)
23330 Credit Recovery–Support Services (Credit recovery in academic and elective courses)
23331 Elective Credit–Support Services (Courses in general or particular electives not previously listed for students to meet IEP goals and/or graduation requirements)
23332 Homeroom/Advisory–Support Services
23390 Work Experience Classroom–Support Services (Classroom portion of Career and Technical Education work experience programs [For on-the-job portion, see 23398 Work-Based Learning–Support Services below.] Use this classification for both 14-15-year-old student programs and 16-20+year-old student programs)
23395 Work Release–Support Services (Release time for student to work for pay; may or may not include school coordinator supervision and/or classroom component)
23396 Seminar/Project–Support Services (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
23397 Independent Study–Support Services
23398 Work-Based Learning–Support Services (On-the-job portion of Career and Technical Education work experience programs. [For classroom portion classification see 23390 Work Experience Classroom–Support Services above.] Use this classification for both 14-15-year-old student programs and 16- to 20+year-old student programs)
23399 Support Services–Other (Provide local course description)
F. English Language Development

23401 ESL Communication (Focus is on communication skills necessary for higher level ESL and/or regular content area courses)
23402 ESL Content Area Orientation (Introduces academic subjects such as math, science, social studies, health and/or arts while students continue to acquire language skills)
23403 ESL English/Language Arts Comprehensive (Support language arts skills proficiency, may include preparation for state and local reading and writing assessments)
23404 ESL Listening and Speaking
23405 ESL Reading/Literature
23406 ESL Writing/Composition
23407 ESL Reading and Writing
23408 ESL Vocabulary/Language Skills (Focus on developing vocabulary and language skills to enhance communication in speaking, listening, reading and/or writing)
23421 ESL Math
23422 ESL Computer/Technology Skills
23430 ESL Science
23440 ESL Economics
23441 ESL Geography
23442 ESL History
23443 ESL Civics/Government
23450 ESL Health
23460 ESL Art (Visual and/or music)
23470 ESL Study/Support
23471 ESL State Assessment Support
23472 ESL Job Skills
23473 ESL Peer Tutor Support (ELL students receive support from volunteer tutors)
23480 ESL Seminar/Project (Focus on individual student projects typically within a group study of a larger issue or topic of inquiry)
23481 ESL Independent Study
23499 ESL–Other (Provide local course description)
G. All Others

23500 Kindergarten
23501 Grade 1
23502 Grade 2
23503 Grade 3
23504 Grade 4
23505 Grade 5
23506 Grade 6
23507 Grade 7
23508 Grade 8
23509 Multi-Grade Levels

23990 Diversified Subject Areas–Work Experience Classroom (This is the classroom portion of Career and Technical Education work experience programs; for on-the-job portion of the programs, see 23992 Diversified Subject Areas–Apprenticeship and 23998 Diversified Subject Areas–Work-Based Learning below)

23991 Disadvantaged Youth–Work Experience Classroom (This is the classroom component for the Career and Technical Education disadvantaged youth work experience program; for the on-the job portion, see 23993 Disadvantaged Youth–Work-Based Learning below. Use this classification for both age 14-15-year-old student programs and 16-20+-year-old student programs)

23992 Diversified Subject Areas–Apprenticeship (This is a Career and Technical Education work experience program; for classification of the classroom component, see 23990 Diversified Subject Areas–Work Experience Classroom above)

23993 Disadvantaged Youth–Work-Based Learning (This is the Career and Technical Education work experience program for disadvantage youth; for classification of the classroom component, see 23991 Disadvantaged Youth–Work Experience Classroom above. Use this classification for both age 14-15-year old student programs and 16-20+-year-old student programs)

23994 Credit Recovery–Nonspecific Subject Area (Use for subject areas that do not have specific credit recovery classifications–language arts, math, science, social studies and health/physical education have specific credit recovery course classifications)

23995 Homebound

23996 Work Release (Release time for student to work for pay; no classroom component or supervision cooperation between school and worksite)

23997 Nonspecific Subject Areas–Independent Study

23998 Diversified Subject Areas–Work-Based Learning (This is a Career and Technical Education work experience program; for classification of classroom component, see 23990 Diversified Subject Areas–Work Experience Classroom above)

23999 Nonspecific Subject Area–Other (Provide local course description)
Subject Area 24: World Languages and Literature (Starting 2017-18)

World Languages and Literature course categories

A. Introduction to World Languages and Cultures 24(039)-24(043)
B. Romance 24(050)-24(199)
C. German 24(250)-24(299)
D. Celtic 24(301)-24(301)
E. Greek 24(325)-24(325)
F. Classical 24(340)-24(389)
G. East Asian 24(400)-24(499)
H. Southeast Asian 24(550)-24(649)
I. Balto-Slavic 24(650)-24(699)
L. Semitic and Near/Middle Eastern 24(700)-24(799)
M. Non-Semitic African Languages 24(800)-24(849)
N. American Sign 24(850)-24(899)
O. Native American 24(900)-24(934)
R. General 24(995)-24(999)

A. Introduction to World Languages and Cultures

24039 World Language–General
24040 Exploration of Multiple World Languages
24041 Braille
24042 IB Language B–English
24043 IB Language Ab Initio–English

B. Romance Languages

24050 Spanish for Young Learners (prior to secondary)
24051 Spanish Immersion (prior to secondary)
24052 Spanish I
24053 Spanish II
24054 Spanish III
24055 Spanish IV
24056 Spanish V
24057 Spanish for Native Speakers
24058 Spanish Field Experience
24060 Spanish Literature
24061 Particular Topics in Spanish
24062 IB Language A: Literature–Spanish
24063 IB Language B–Spanish
24064 AP Spanish Language and Culture
24065 AP Spanish Literature and Culture
24066 IB Language B (Spanish), Middle Years Program
24067 IB Language A: (Spanish), Language and Literature–Spanish
24068 IB Language Ab Initio–Spanish
24099 Spanish Language–Other
24100 French for Young Learners (prior to secondary)
B. Romance Languages (Continued)

24101 French Immersion (prior to secondary)
24102 French I
24103 French II
24104 French III
24105 French IV
24106 French V
24107 French for Native Speakers
24108 French Field Experience
24110 French Literature
24111 Particular Topics in French
24112 IB Language A: Literature–French
24113 IB Language B–French
24114 AP French Language and Culture
24116 IB Language B (French), Middle Years Program
24117 IB Language A: Language and Literature–French
24118 IB Language Ab Initio–French
24149 French Language–Other
24199 Romance/Italic Language–Other

C. German Languages

24250 German for Young Learners (prior to secondary)
24251 German Immersion (prior to secondary)
24252 German I
24253 German II
24254 German III
24255 German IV
24256 German V
24257 German for Native Speakers
24258 German Field Experience
24260 German Literature
24261 Particular Topics in German
24262 IB Language A: Literature–German
24263 IB Language B–German
24264 AP German Language and Culture
24266 IB Language B (German), Middle Years Program
24267 IB Language A: Language and Literature–German
24268 IB Language Ab Initio–German
24299 German Language–Other

D. Celtic Language

24301 Celtic Language–Other
E. Greek Language
24325 Greek Language–Other

F. Classical Languages
24340 Latin for Young Learners (prior to secondary)
24342 Latin I
24343 Latin II
24344 Latin III
24345 Latin IV
24346 Latin V
24351 Particular Topics in Latin
24352 IB Classical Languages–Latin
24355 AP Latin (Virgil, Catullus and Horace)
24369 Latin Language–Other
24370 Classical Greek for Young Learners (prior to secondary)
24372 Classical Greek I
24373 Classical Greek II
24374 Classical Greek III
24375 Classical Greek IV
24376 Classical Greek V
24381 Particular Topics in Classical Greek
24382 IB Classical Languages–Greek
24383 Classical Greek Languages–Other
24389 Classical Language–Other

G. East Asian Languages
24400 Chinese for Young Learners (prior to secondary)
24401 Chinese Immersion (prior to secondary)
24402 Chinese I
24403 Chinese II
24404 Chinese III
24405 Chinese IV
24406 Chinese V
24407 Chinese for Native Speakers
24408 Chinese Field Experience
24410 Chinese Literature
24411 Particular Topics in Chinese
24412 IB Language A: Literature–Chinese
24413 IB Language B–Chinese
24414 AP Chinese Language and Culture
G. East Asian Languages (Continued)

24416 IB Language B (Chinese), Middle Years Program
24417 IB Language A: Language and Literature–Chinese
24418 IB Language Ab Initio–Chinese
24449 IB Chinese Language–Other
24450 Japanese for Young Learners (prior to secondary)
24451 Japanese Immersion (prior to secondary)
24452 Japanese I
24453 Japanese II
24454 Japanese III
24455 Japanese IV
24456 Japanese V
24457 Japanese for Native Speakers
24458 Japanese Field Experience
24460 Japanese Literature
24461 Particular Topics in Japanese
24462 IB Language A: Literature–Japanese
24463 IB Language B–Japanese
24464 AP Japanese Language and Culture
24466 IB Language B (Japanese), Middle Years Program
24467 IB Language A: Language and Literature–Japanese
24468 IB Language Ab Initio–Japanese
24469 Japanese Language–Other
24499 East Asian Language–Other

H. Southeast Asian Languages

24550 Hmong for Young Learners (prior to secondary)
24551 Hmong Immersion (prior to secondary)
24552 Hmong I
24553 Hmong II
24554 Hmong III
24555 Hmong IV
24556 Hmong V
24557 Hmong for Native Speakers
24558 Hmong Field Experience
24560 Hmong Literature
24561 Particular Topics in Hmong
24562 IB Language A: Literature–Hmong
24566 IB Language B (Hmong), Middle Years Program
24567 IB Language A: Language and Literature–Hmong
24599 Hmong Language–Other
24649 Southeast Asian/Austral-Asian Languages–Other
I. Balto-Slavic Languages
24650 Russian for Young Learners (prior to secondary)
24651 Russian Immersion (prior to secondary)
24652 Russian I
24653 Russian II
24654 Russian III
24655 Russian IV
24656 Russian V
24657 Russian for Native Speakers
24658 Russian Field Experience
24660 Russian Literature
24661 Particular Topic in Russian
24662 IB Language A: Literature–Russian
24663 IB Language B–Russian
24666 IB Language B (Russian), Middle Years Program
24667 IB Language A: Language and Literature–Russian
24668 IB Language Ab Initio–Russian
24699 Russian Language–Other

L. Semitic and Near/Middle Eastern Languages
24700 Hebrew for Young Learners (prior to secondary)
24701 Hebrew Immersion (prior to secondary)
24702 Hebrew I
24703 Hebrew II
24704 Hebrew III
24705 Hebrew IV
24706 Hebrew V
24707 Hebrew for Native Speakers
24708 Hebrew Field Experience
24710 Hebrew Literature
24711 Particular Topics in Hebrew
24712 IB Language A: Literature–Hebrew
24713 IB Language B–Hebrew
24716 IB Language B (Hebrew), Middle Years Program
24717 IB Language A: Language and Literature–Hebrew
24749 Hebrew Language–Other
24750 Arabic for Young Learners (prior to secondary)
24751 Arabic Immersion (prior to secondary)
24752 Arabic I
24753 Arabic II
24754 Arabic III
24755 Arabic IV
24756 Arabic V
24757 Arabic for Native Speakers
24758 Arabic Field Experience
L. Semitic and Near/Middle Eastern Languages (Continued)

24760 Arabic Literature
24761 Particular Topics in Arabic
24762 IB Language A: Literature–Arabic
24763 IB Language B–Arabic
24766 IB Language B (Arabic), Middle Years Program
24767 IB Language A: Language and Literature–Arabic
24768 IB Language Ab Initio–Arabic
24799 Arabic Language–Other

M. Non-Semitic African Languages

24800 Swahili for Young Learners (prior to secondary)
24801 Swahili Immersion (prior to secondary)
24802 Swahili I
24803 Swahili II
24804 Swahili III
24805 Swahili IV
24806 Swahili V
24807 Swahili for Native Speakers
24808 Swahili Field Experience
24810 Swahili Literature
24811 Particular Topics in Swahili
24812 IB Language A: Literature–Swahili
24813 IB Language B–Swahili
24816 IB Language B (Swahili), Middle Years Program
24817 IB Language A: Language and Literature–Swahili
24818 IB Language Ab Initio–Swahili
24819 Swahili Language–Other
24820 Somali for Young Learners (prior to secondary)
24821 Somali Immersion (prior to secondary)
24822 Somali I
24823 Somali II
24824 Somali III
24825 Somali IV
24826 Somali V
24827 Somali for Native Speakers
24828 Somali Field Experience
24830 Somali Literature
24831 Particular Topics in Somali
24832 IB Language A: Literature–Somali
M. Non-Semitic African Languages (Continued)
24833 IB Language B–Somali
24836 IB Language B (Somali), Middle Years Program
24837 IB Language A: Language and Literature–Somali
24838 IB Language Ab Initio–Somali
24839 Somali Language–Other
24849 Non-Semitic African Languages–Other

N. American Sign Languages
24850 American Sign Languages for Young Learners (prior to secondary)
24851 American Sign Language Immersion (prior to secondary)
24852 American Sign Language I
24853 American Sign Language II
24854 American Sign Language III
24855 American Sign Language IV
24856 American Sign Language V
24858 American Sign Language Field Experience
24861 Particular Topics in American Sign Language
24866 IB Language B (American Sign Language), Middle Years Program
24899 American Sign Language–Other

O. Native American Languages
24900 Dakota/Lakota for Young Learners (prior to secondary)
24901 Dakota/Lakota Immersion (prior to secondary)
24902 Dakota/Lakota I
24903 Dakota/Lakota II
24904 Dakota/Lakota III
24905 Dakota/Lakota IV
24906 Dakota/Lakota V
24907 Dakota/Lakota for Native Speakers
24908 Dakota/Lakota Field Experience
24910 Dakota/Lakota Literature
24911 Particular Topics in Dakota/Lakota
24912 IB Language A: Literature–Dakota/Lakota
24913 IB Language B–Dakota/Lakota
24916 IB Language B (Dakota/Lakota), Middle Years Program
24917 IB Language A: Language and Literature–Dakota/Lakota
24918 Dakota/Lakota–Other
24919 Ojibwe for Young Learners (prior to secondary)
24920 Ojibwe Immersion (prior to secondary)
24921 Ojibwe I
24922 Ojibwe II
24923 Ojibwe III
24924 Ojibwe IV
24925 Ojibwe V
O. Native American Languages (Continued)

24926 Ojibwe for Native Speakers
24927 Ojibwe Field Experience
24928 Ojibwe Literature
24929 Particular Topics in Ojibwe
24930 IB Language A: Literature–Ojibwe
24931 IB Language B–Ojibwe
24932 IB Language B (Ojibwe), Middle Years Program
24933 IB Language A: Language and Literature–Ojibwe
24934 Ojibwe–Other

R. General

24995 World Language and Literature–Aide
24996 Seminar/Project–World Languages
24997 World Language and Literature–Independent Study
24998 World Language and Literature–Workplace Experience
24999 World Language and Literature–Other