

**Required Credentials
for Professional Staff Members
in the Instructional Programs of South
Carolina's Public Schools**



**STATE OF SOUTH CAROLINA
DEPARTMENT OF EDUCATION**

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STATE SUPERINTENDENT OF EDUCATION

Effective for the 2017-18 School Year

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NOTICE

The activity/course codes specified in this document are detailed in the [South Carolina Department of Education Activity Coding System for Student Information Systems \(SIS\) 2017-2018](#), which is issued by the Office of Federal and State Accountability. Please note that any changes in course titles or codes, including the deactivation or creation of course titles and codes, are indicated in aqua type in the coding manual.

The following three South Carolina Department of Education (SCDE) documents that contain course titles and codes will be updated and reissued each year: *Activity Coding System for SIS*, [CATE Student Reporting Procedures](#), and *Required Credentials for Professional Staff Members in the Instructional Programs of South Carolina’s Public Schools*.

Modifications to the acceptable areas of certification and to the mandatory attendant training requirements that appear in this document are reviewed and approved by the SCDE with input from the field each year.

Introduction

The purpose of *Required Credentials for Professional Staff Members in the Instructional Programs of South Carolina's Public Schools* is to provide districts a listing of the acceptable credentials for educators working in various settings and roles.

Regardless of whether a specific position is listed in this document, all professional instructional staff must hold valid South Carolina educator certificates.

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| Organization | <i>Required Credentials</i> is organized by the settings and roles in which an educator may be employed. The document begins with district office leadership and administrative positions followed by school-based leadership and administrative positions. Sections detailing the required credentials for teachers are arranged either by subject area or grade level. |
| Text Indicated in Red | Text marked in red font reflects course additions, deletions, or changes for 2017-18 based on the Activity Coding System. Any changes in required credentials for a course are also indicated in red and have been included to provide clarification or to give districts greater flexibility. |
| Certification Code | If the acceptable credential for a role or course is a certification area only, the certification field and code are listed. |
| Certification Code plus mandatory attendant training (Certification Code +) | If the acceptable credential for a role or course is a certification field plus mandatory attendant training, the certification field and code are listed followed by a + sign. The additional requirement(s) will be specified. |
| No Specific Certification or No Code (NC) | If the acceptable credential for a role or course is not a specific certification area, the code NC is indicated, meaning that the assigned individual may be certified in any area. |
| No Specific Certification or No Code plus mandatory attendant training (NC+) | If the acceptable credential for a role or course is not a specific certification area but does require mandatory attendant training, NC+ will be listed. The additional requirement(s) will be specified. |
| Certification Codes no longer issued (*) | Certification areas that are no longer issued are marked by an asterisk (*). Educators with these fields on a valid certificate may continue to be assigned to the roles and courses listed in the document. |

| | |
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| Credit-bearing Courses | All credit-bearing courses are listed in the Grades 9–12 section of this document. Credit-bearing courses carry the same activity codes if taught in Grades 7 and 8. |
| Unlisted Credit-bearing Courses | A credit-bearing course that is not listed in the Grades 9–12 section of this document is either a locally designed elective course approved by the local board of trustees or a locally designed subject-area course approved by the SCDE. The required credentials for teachers of locally designed elective courses are determined by the local board of trustees. |
| Advanced Fine Arts | On an educator’s certificate, the certification field Advanced Fine Arts does not specify the content area in which the educator has professional experience. Within the course listings, the specific content area for Advanced Fine Arts is indicated in parentheses. For example, in order to teach a course in band, the educator with Advanced Fine Arts certification must have a concentration in music, indicated as Advanced Fine Arts (Music). |
| Proviso 1.70 Middle School Staffing | Proviso 1.70 allows educators certified in a high school content area to teach the same content area in seventh or eighth grade. |
| Proviso 1.78 Highly Qualified Teacher | Proviso 1.78 provides that teacher certification requirements for highly qualified educators aligned to No Child Left Behind are suspended. The SCDE must report to the General Assembly by February 1, 2018, on the updated Federal requirements under the Every Student Succeeds Act. |
| Charter Schools | The certification requirements included in this document apply to teachers and administrators employed in public charter schools except as provided for in charter school statute and regulations . |

DISTRICT ADMINISTRATORS**REQUIRED CREDENTIALS****District Level Staff Members Required to Hold a Master's Degree**

State Board of Education Regulation 43-205 *Administrative and Professional Personnel Qualifications, Duties, and Workloads* (effective May 25, 2007) requires that district-level administrative personnel employed as administrative assistants, supervisors, and consultants **having responsibilities for supervising instructional programs and student services** must hold a master's degree and be certified in their area of primary responsibility or must apply for an out-of-field permit and earn a minimum of six semester hours annually toward appropriate certification.

| Position | Cert. Code | Acceptable Certification |
|--|---|---|
| Area/County/District Superintendent | 70 | Superintendent |
| Deputy/Assistant/Associate Superintendent | 7B 7D 7C 7E 70 71 73 72 74 | Elementary Principal Tier I Elementary Principal Tier II Secondary Principal Tier I Secondary Principal Tier II Superintendent Elementary Principal* Elementary Supervisor* Secondary Principal* Secondary Supervisor* |
| Director, Instruction Chief Academic Officer | 7B 7D 7C 7E 70 NC+ 71 73 72 74 | Elementary Principal Tier I Elementary Principal Tier II Secondary Principal Tier I Secondary Principal Tier II Superintendent Appropriate subject area certification + successful completion of the SCDE Office of School Leadership's Institute for District Administrators prior to or within two years of assignment Elementary Principal* Elementary Supervisor* Secondary Principal* Secondary Supervisor* |
| Director, Career and Technology Education | 76 7C 7E 72 74 | Vocational Center Director Secondary Principal Tier I Secondary Principal Tier II Secondary Principal* Secondary Supervisor* |
| Director, Child Development Director, Early Childhood Education | 85+ 7B 7D | Early Childhood + one of the following: Elementary Principal Tier I Elementary Principal Tier II |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

DISTRICT ADMINISTRATORS**REQUIRED CREDENTIALS****District Level Staff Members Required to Hold a Master's Degree**

State Board of Education Regulation 43-205 *Administrative and Professional Personnel Qualifications, Duties, and Workloads* (effective May 25, 2007) requires that district-level administrative personnel employed as administrative assistants, supervisors, and consultants **having responsibilities for supervising instructional programs and student services** must hold a master's degree and be certified in their area of primary responsibility or must apply for an out-of-field permit and earn a minimum of six semester hours annually toward appropriate certification.

| Position | Cert. Code | Acceptable Certification |
|--|---|--|
| Director, Child Development Director, Early Childhood Education <i>continued</i> | 70 NC+ | Superintendent + <i>Successful completion of the SCDE Office of School Leadership Institute for District Administrators prior to or within two years of assignment</i> |
| | 71 73 | Elementary Principal* Elementary Supervisor* |
| Director, Special Education | 7B 7D 84 78 72 74 7C 7E 70 NC+ | Elementary Principal Tier I Elementary Principal Tier II School Psychologist II School Psychologist III Secondary Principal* Secondary Supervisor* Secondary Principal Tier I Secondary Principal Tier II Superintendent Any certification area + <i>an advanced degree in the field of Special Education</i> |
| | 71 73 90 | Elementary Principal* Elementary Supervisor* Guidance—Secondary Advanced* |
| Director, Adult Education | 7B 7D 7C 7E 70 NC+ | Elementary Principal Tier I Elementary Principal Tier II Secondary Principal Tier I Secondary Principal Tier II Superintendent Any certification area + <i>an advanced degree in the field of Adult Education</i> |
| | 71 73 72 74 | Elementary Principal* Elementary Supervisor* Secondary Principal* Secondary Supervisor* |

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DISTRICT ADMINISTRATORS**REQUIRED CREDENTIALS****District Level Staff Members Required to Hold a Master's Degree**

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| Position | Cert. Code | Acceptable Certification |
|---|-------------------|--|
| Other Directors at District Office (Except Finance, Human Resources, Information Technology, Accountability, Federal Programs, and Transportation) | 7B | Elementary Principal Tier I |
| | 7D | Elementary Principal Tier II |
| | 7C | Secondary Principal Tier I |
| | 7E | Secondary Principal Tier II |
| | 70 | Superintendent |
| | NC+ | Appropriate subject area certification + <i>successful completion of the SCDE Office of School Leadership's Institute for District Administrators prior to or within two years of assignment</i> |
| | 71 | Elementary Principal* |
| | 73 | Elementary Supervisor* |
| Supervisor, Elementary Education | 72 | Secondary Principal* |
| | 74 | Secondary Supervisor* |
| | 7B | Elementary Principal Tier I |
| | 7D | Elementary Principal Tier II |
| | 70 | Superintendent |
| Supervisor, Secondary Education | NC+ | Appropriate subject area certification + <i>successful completion of the SCDE Office of School Leadership's Institute for District Administrators prior to or within two years of assignment.</i> |
| | 71 | Elementary Principal* |
| | 73 | Elementary Supervisor* |
| | 7C | Secondary Principal Tier I |
| Supervisor, Secondary Education | 7E | Secondary Principal Tier II |
| | 70 | Superintendent |
| | NC+ | Appropriate subject area certification + <i>successful completion of the SCDE Office of School Leadership's Institute for District Administrators prior to or within two years of assignment.</i> |
| | 72 | Secondary Principal* |
| | 74 | Secondary Supervisor* |

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ALL DISTRICT CONSULTANTS, CURRICULUM SPECIALISTS, AND COORDINATORS

| REQUIRED CREDENTIALS District Level Staff Members Required to Hold a Master's Degree State Board of Education Regulation 43-205 <i>Administrative and Professional Personnel Qualifications, Duties, and Workloads</i> (effective May 25, 2007) requires that district-level administrative personnel employed as administrative assistants, supervisors, and consultants having responsibilities for supervising instructional programs and student services must hold a master's degree and be certified in their area of primary responsibility or must apply for an out-of-field permit and earn a minimum of six semester hours annually toward appropriate certification. | | |
|--|--|--|
| Program | Cert. Code | Acceptable Certification |
| Agriculture | 30 | Agriculture |
| Business, Marketing, and Computer Technology Education | 4B 47 40 46 32 45 41 42 43 44 48 | Business/Marketing/Computer Technology Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Accounting* Accounting and Related Business* Accounting and Related Economics* |
| Driver Education | 63 | Driver Training |
| Early Childhood | 85 | Early Childhood |
| Elementary | 01 | Elementary |
| Engineering/Industrial Technology Education | 29 36 | Industrial Technology Education Industrial Arts* |
| English Language Arts | 01 04 1E 5E 5G 5F 1A 83 81 82 80 | Elementary English Middle-Level Language Arts Literacy Coach Literacy Teacher Literacy Specialist Middle School Language Arts* Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| Gifted and Talented | 8A GT | Gifted and Talented Certification Gifted and Talented Endorsement |

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ALL DISTRICT CONSULTANTS, CURRICULUM SPECIALISTS, AND COORDINATORS

| REQUIRED CREDENTIALS District Level Staff Members Required to Hold a Master's Degree State Board of Education Regulation 43-205 <i>Administrative and Professional Personnel Qualifications, Duties, and Workloads</i> (effective May 25, 2007) requires that district-level administrative personnel employed as administrative assistants, supervisors, and consultants having responsibilities for supervising instructional programs and student services must hold a master's degree and be certified in their area of primary responsibility or must apply for an out-of-field permit and earn a minimum of six semester hours annually toward appropriate certification. | | |
|--|--|---|
| Program | Cert. Code | Acceptable Certification |
| Guidance | 86 89 88 90 | Guidance—Elementary Guidance—Secondary Associate Guidance—Secondary* Guidance—Secondary Advanced* |
| Health, Safety, Physical Education | 64 67 65 | Health Physical Education Health and Physical Education* |
| Health Science Technology/ Health Services | AC | Health Science Technology |
| Mathematics | 10 1F 11 1B | Mathematics Middle-Level Mathematics General Mathematics* Middle School Mathematics* |
| Media Services | 60 59 | Media Specialist Media Supervisor* |
| Reading/Literacy Coordinator | 01 85 5E 5F 5G 83 81 82 80 | Elementary Early Childhood Literacy Coach Literacy Specialist Literacy Teacher Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| Science | 12 14 15 16 17 13 1G 1C | Science Biology Chemistry Physics Earth Science* General Science* Middle-Level Science Middle School Science* |

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ALL DISTRICT CONSULTANTS, CURRICULUM SPECIALISTS, AND COORDINATORS**REQUIRED CREDENTIALS****District Level Staff Members Required to Hold a Master's Degree**

State Board of Education Regulation 43-205 *Administrative and Professional Personnel Qualifications, Duties, and Workloads* (effective May 25, 2007) requires that district-level administrative personnel employed as administrative assistants, supervisors, and consultants **having responsibilities for supervising instructional programs and student services** must hold a master's degree and be certified in their area of primary responsibility or must apply for an out-of-field permit and earn a minimum of six semester hours annually toward appropriate certification.

| Program | Cert. Code | Acceptable Certification |
|----------------------------|--|--|
| Social Studies | 20 21 23 24 25 26 27 1H 1D | Social Studies History Economics Geography Government Psychology Sociology Middle-Level Social Studies Middle School Social Studies* |
| Special Education | 03 69 84 78 2B 2D 2E 2G 2H 2I 2J 02 2A 2C 2F | Speech-Language Therapist School Psychologist I School Psychologist II School Psychologist III Education of the Blind and Visually Impaired Deaf and Hard of Hearing Emotional Disabilities Learning Disabilities Intellectual Disabilities Multi-categorical Severe Disabilities Generic Special Education* Educable Mentally Disabled* Trainable Mentally Disabled* Orthopedically Impaired* |
| Visual and Performing Arts | 49 50 58 51 54 52 56 53 5C 57 | Advanced Fine Arts Art Dance Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice Theatre Speech and Drama* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

ALL DISTRICT CONSULTANTS, CURRICULUM SPECIALISTS, AND COORDINATORS**REQUIRED CREDENTIALS****District Level Staff Members Required to Hold a Master's Degree**

State Board of Education Regulation 43-205 *Administrative and Professional Personnel Qualifications, Duties, and Workloads* (effective May 25, 2007) requires that district-level administrative personnel employed as administrative assistants, supervisors, and consultants **having responsibilities for supervising instructional programs and student services** must hold a master's degree and be certified in their area of primary responsibility or must apply for an out-of-field permit and earn a minimum of six semester hours annually toward appropriate certification.

| Program | Cert. Code | Acceptable Certification |
|-----------------|--|--|
| World Languages | 94 5D 05 08 5B 06 09 07 | American Sign language Chinese French German Japanese Latin Russian Spanish |

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SCHOOL ADMINISTRATORS AND PROFESSIONAL SUPPORT STAFF

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION | | |
|---|---|--|
| Position | Cert. Code | Acceptable Certification |
| Kindergarten–Grade 6 | | |
| Principal Assistant Principal Curriculum Coordinator | 7B 7D 71 73 | Elementary Principal Tier I Elementary Principal Tier II Elementary Principal* Elementary Supervisor* |
| Administrative Assistant or Administrative Assistant Principal | 7B 7D 85+ 01+ NC+ 71 73 | Elementary Principal Tier I Elementary Principal Tier II Early Childhood Elementary Any Pre-K/K-12 certification Elementary Principal* Elementary Supervisor* <i>+ acceptance to and enrollment in an approved Elementary Principal certification program</i> |
| Guidance Counselor | 86 | Guidance – Elementary |
| Library Media Specialist | 60 61 | Media Specialist Teacher-Librarian* |
| Instructional Coach | 85 01 7B 7D 71 73 | Early Childhood Elementary Elementary Principal Tier I Elementary Principal Tier II Any Pre-K/K-12 certification Elementary Principal* Elementary Supervisor* |
| Kindergarten–Grade 8 | | |
| Principal Assistant Principal | 7B 7D 71 73 | Elementary Principal Tier I Elementary Principal Tier II Elementary Principal* Elementary Supervisor* |
| Administrative Assistant or Administrative Assistant Principal | 7B 7D 85+ 01+ NC+ 71 73 | Elementary Principal Tier I Elementary Principal Tier II Early Childhood Elementary Any Pre-K/K-12 certification Elementary Principal* Elementary Supervisor* <i>+ acceptance to and enrollment in an approved Elementary Principal certification program</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

SCHOOL ADMINISTRATORS AND PROFESSIONAL SUPPORT STAFF

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION | | |
|---|--|---|
| Position | Cert. Code | Acceptable Certification |
| Grades 7–8 | | |
| Principal Assistant Principal Curriculum Coordinator | 7B 7D 7C 7E 71 73 72 74 | Elementary Principal Tier I Elementary Principal Tier II Secondary Principal Tier I Secondary Principal Tier II Elementary Principal* Elementary Supervisor* Secondary Principal* Secondary Supervisor* |
| Administrative Assistant or Administrative Assistant Principal | 7B 7D 7C 7E 01+ NC+ NC+ NC+ 71 73 72 74 | Elementary Principal Tier I Elementary Principal Tier II Secondary Principal Tier I Secondary Principal Tier II Elementary Any Pre-K/K-12 certification Any high school certification Any CATE certification Elementary Principal* Elementary Supervisor* Secondary Principal* Secondary Supervisor* <i>+ acceptance to and enrollment in an approved Elementary or Secondary Principal certification program</i> |
| Guidance Counselor | 86 89 88 90 | Guidance—Elementary Guidance—Secondary Associate Guidance—Secondary* Guidance—Secondary Advanced* |
| Library Media Specialist | 60 61 | Media Specialist Teacher Librarian* |
| Instructional Coach | NC NC 72 74 7C 7E 71 73 7B 7D | Middle Level/Middle School certification in appropriate subject area Any Pre-K/K-12 certification Elementary Principal Tier I Elementary Principal Tier II Secondary Principal Tier I Secondary Principal Tier II Elementary Principal* Elementary Supervisor* Secondary Principal* Secondary Supervisor* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

SCHOOL ADMINISTRATORS AND PROFESSIONAL SUPPORT STAFF

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION | | |
|--|---|---|
| Position | Cert. Code | Acceptable Certification |
| Grades 9–12 | | |
| Principal Assistant Principal Curriculum Coordinator | 7C 7E 72 74 | Secondary Principal Tier I Secondary Principal Tier II Secondary Principal* Secondary Supervisor* |
| Administrative Assistant or Administrative Assistant Principal | 7C 7E NC+ NC+ NC+ 72 74 | Secondary Principal Tier I Secondary Principal Tier II Any High School certification area Any Pre-K/K-12 certification area Any CATE certification Secondary Principal* Secondary Supervisor* <i>+ acceptance to and enrollment in an approved Secondary Principal certification program</i> |
| Director, Career and Technology Education Assistant Director, Career and Technology Education | 76 7C 7E 72 74 | Vocational Center Director Secondary Principal Tier I Secondary Principal Tier II Secondary Principal* Secondary Supervisor* |
| Guidance Counselor | 89 88 90 | Guidance—Secondary Associate Guidance—Secondary* Guidance—Secondary Advanced* |
| Library Media Specialist | 60 61 | Media Specialist Teacher Librarian* |
| Instructional Coach | NC 7C 7E 72 74 | High school certification in target subject area Any Pre-K/K-12 certification in subject area Secondary Principal Tier I Secondary Principal Tier II Secondary Principal* Secondary Supervisor* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

Teachers
SPECIAL EDUCATION

REQUIRED CREDENTIALS

Acceptable certification for a special education teacher is determined by the area of disability in which all or the majority of the teacher's students (i.e., caseload) are classified.

Certification area 2H, formerly titled Special Education—Mental Disabilities, has been renamed Special Education—Intellectual Disabilities.

| Prekindergarten—Grade 12 Program | Cert. Code | Acceptable Certification |
|---|--|---|
| Autism | 2E 2H 2I 2J 2G 02 2A 2C | Emotional Disabilities Intellectual Disabilities Multi-categorical Severe Disabilities Learning Disabilities Generic Special Education* Educable Mentally Disabled* Trainable Mentally Disabled* |
| Developmentally Delayed (Ages 3–9) | 2K 85 2D 2E 2G 2H 2I 2J 2A 02 2H | ECE Special Education Early Childhood (ages 3-5 only) Deaf and Hard of Hearing Emotional Disabilities Learning Disabilities Intellectual Disabilities Multi-categorical Severe Disabilities Educable Mentally Disabled* Generic Special Education* Trainable Mentally Disabled* |
| Deaf and Hard of Hearing | 2D | Deaf and Hard of Hearing |
| Emotional Disabilities | 2E 2I 02 | Emotional Disabilities Multi-categorical Generic Special Education* |
| Intellectual Disabilities | 2H 2I 2J 2A 2C 02 | Intellectual Disabilities Multi-categorical Severe Disabilities Educable Mentally Disabled* Trainable Mentally Disabled* Generic Special Education* |
| Specific Learning Disabilities | 2G 2I 02 | Learning Disabilities Multi-categorical Generic Special Education* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

SPECIAL EDUCATION**REQUIRED CREDENTIALS**

Acceptable certification for a special education teacher is determined by the area of disability in which all or the majority of the teacher's students (i.e., caseload) are classified.

Certification area 2H, formerly titled Special Education—Mental Disabilities, has been renamed Special Education—Intellectual Disabilities.

| Prekindergarten—Grade 12 Program | Cert. Code | Acceptable Certification |
|---|--|---|
| Orthopedically Impaired | 2H 2I 2J 2F | Intellectual Disabilities Multi-categorical Severe Disabilities Orthopedically Impaired* |
| Speech-Language Impaired | 03 | Speech-Language Therapist |
| Visually Impaired | 2B | Blind and Visually Impaired |
| Other Health Impaired | 2K 85 2E 2G 2I 02 | ECE Special Education Early Childhood (ages 3-5 only) Emotional Disabilities Learning Disabilities Multi-categorical Generic Special Education* |
| Traumatic Brain Injury | 2K 85 2G 2H 2I 2J 02 2A 2C | ECE Special Education Early Childhood (ages 3-5 only) Learning Disabilities Intellectual Disabilities Multi-categorical Severe Disabilities Generic Special Education* Educable Mentally Disabled* Trainable Mentally Disabled* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

SPECIAL EDUCATION**REQUIRED CREDENTIALS**

Acceptable certification for a special education teacher is determined by the area of disability in which all or the majority of the teacher's students (i.e., caseload) are classified.

Certification area 2H, formerly titled Special Education—Mental Disabilities, has been renamed Special Education—Intellectual Disabilities.

| Prekindergarten—Grade 12 Program | Cert. Code | Acceptable Certification |
|---|---|---|
| Early Childhood Special Education (Ages 3 – 5) | 2K 85+ 2D 2E 2G 2H 2I 2J 2C 2A 02 | EC Special Education Early Childhood Deaf and Hard of Hearing Emotional Disabilities Learning Disabilities Intellectual Disabilities Multi-categorical Severe Disabilities Trainable Mentally Disabled* Educable Mentally Disabled* Generic Special Education* <i>+ Teachers certified in Early Childhood Education but not in an area of Special Education are required to add certification in Early Childhood Special Education no later than July 1, 2020, per the State Board-approved Guidelines and Requirements for Content Area Add-on Certifications and Endorsements. Grandfathering options are outlined in that document.</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

PREKINDERGARTEN–GRADE 6

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | |
|--|--------------------|---|
| Program Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Prekindergarten–Grade 3 | | |
| Prekindergarten, Kindergarten, and Grade 1 | 85 | Early Childhood |
| Self-Contained/Departmentalized, Grades 2–3 | 85 01 | Early Childhood Elementary |
| Pre-K to 5-K, Montessori | 85 8B | Early Childhood (Montessori Primary Level training is encouraged by the SEA and LEAs.) Montessori—Early Childhood Education |
| Grades 1–3, Montessori | 85 01 8C | Early Childhood Elementary (Montessori Lower Elementary Level training is encouraged by the SEA and LEAs.) Montessori—Elementary I (Grades 1-3) |
| World Language Immersion Programs, Pre-K – Grade 1 | 85+ NC+ | Early Childhood certification + <i>one of the following:</i> <ul style="list-style-type: none"> a passing score on the Praxis examination for the target World Language <i>or</i> passing scores on the American Council on the Teaching of Foreign Languages Oral Proficiency Interview (OPI/OPIc) and the Writing Proficiency Test (WPT/WPTc) in the target language A valid SC certificate in the target World Language + <i>a passing score on the Praxis examination for Early Childhood Education</i> |

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PREKINDERGARTEN–GRADE 6

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | |
|--|---|--|
| Program Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| World Language Immersion Programs, Grades 2–3 | 01+ NC+ | Elementary certification + <i>one of the following:</i> <ul style="list-style-type: none"> a passing score on the Praxis examination for the target World Language <i>or</i> passing scores on the American Council on the Teaching of Foreign Languages Oral Proficiency Interview (OPI/OPIc) and the Writing Proficiency Test (WPT/WPTc) in the target language A valid SC certificate in the target World Language + <i>a passing score on the Praxis examination for Elementary Education</i> |
| Media Arts, Pre-K–5 | 49+ 51+ 54+ 52+ 56+ 53+ 50+ 58+ 5C+ | Advanced Fine Arts Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice Art Dance Theatre + <i>an additional course in Media Arts</i> |
| Grades 4–6 | | |
| Self-Contained | 01 | Elementary |
| Grades 4 – 6, Montessori, Self-Contained | 01 8D | Elementary (Montessori Upper Elementary Level training is encouraged by the SEA and LEAs.) Montessori—Elementary II (Grades 4-6) |
| Departmentalized Grades 2–6 | | |
| Grade 6, Montessori, Departmentalized | 01 NC 8D | Elementary Middle-level content area certification (Montessori Middle training is encouraged by the SEA and LEAs.) Montessori—Elementary II (Grades 4-6) |

*Certificate area, though no longer issued, is acceptable so long as the educator’s credential has a current validity period.

PREKINDERGARTEN–GRADE 6

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | |
|--|--|---|
| Program Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| English Language Arts ELA Assistance Transitional English | 01 1E 5E 5G 5F 1A 83 81 82 80 | Elementary Middle-Level Language Arts (Grades 5 & 6) Literacy Coach Literacy Teacher Literacy Specialist Middle School Language Arts* (Grades 5& 6) Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| Mathematics Mathematics Assistance Student Support Mathematics | 01 1F 1B | Elementary Middle-Level Mathematics Middle School Mathematics* |
| Science | 01 1G 1C | Elementary Middle-Level Science Middle School Science* |
| Social Studies | 01 1H 1D | Elementary Middle-Level Social Studies Middle School Social Studies* |
| World Language Immersion Programs, Grades 4 – 6 for all content areas except for language arts in a world language | 01+ NC+ | Elementary certification + <i>one of the following:</i> <ul style="list-style-type: none"> a passing score on the Praxis examination for the target World Language <i>or</i> passing scores on the American Council on the Teaching of Foreign Languages Oral Proficiency Interview (OPI/OPIc) and the Writing Proficiency Test (WPT/WPTc) in the target language A valid SC certificate in the target World Language + <i>a passing score on the Praxis examination for Elementary Education</i> |
| Special Areas, Kindergarten-Grade 6 | | |
| English for Speakers of Other Languages (ESOL) | NC 5A | Certification in any teaching area at the appropriate grade level (elementary). (ESOL add-on certification is encouraged by the SEA and required by some LEAs.) English for Speakers of Other Languages |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

PREKINDERGARTEN–GRADE 6

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | |
|--|--|---|
| Program Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Elementary Literacy Reading Developmental Reading Reading Assistance Student Support Reading | 01 85 5E 5F 5G 83 81 82 80 | Elementary Early Childhood Literacy Coach Literacy Specialist Literacy Teacher Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| Gifted and Talented | 8A GT | Gifted and Talented Gifted and Talented Endorsement |
| World Languages | | |
| American Sign Language | 94 | American Sign Language |
| Chinese | 5D | Chinese |
| French | 05 | French |
| German | 08 | German |
| Japanese | 5B | Japanese |
| Latin | 06 | Latin |
| Russian | 09 | Russian |
| Spanish | 07 | Spanish |
| Visual and Performing Arts | | |
| Art | 49 50 | Advanced Fine Arts (Art) Art |
| Dance | 49 58 | Advanced Fine Arts (Dance) Dance |
| Drama | 49 5C 04 57 | Advanced Fine Arts (Theatre) Theatre English Speech and Drama* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

PREKINDERGARTEN–GRADE 6

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | |
|--|---|--|
| Program Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Media Arts | 49+ 51+ 54+ 52+ 56+ 53+ 50+ 58+ 5C+ | Advanced Fine Arts Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice Art Dance Theatre + <i>an additional course in Media Arts</i> |
| General Music | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| Choral Music | 49 51 53 54+ 52+ 56+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Voice Music Education—Instrumental Music Education—Piano Music Education—Violin + <i>at least one course in choral music or voice</i> |
| Instrumental Music: Band | 49 54 56 51+ 52+ 53+ | Advanced Fine Arts (Music) Music Education—Instrumental Music Education—Violin Music Education—Choral Music Education—Piano Music Education—Voice + <i>at least one course in instrumental music or band</i> |
| Instrumental Music: Orchestra | 54 56 49+ 51+ 52+ 53+ | Music Education—Instrumental Music Education—Violin Advanced Fine Arts (Music) Music Education—Choral Music Education—Piano Music Education—Voice + <i>at least one course in instrumental music, orchestra, or strings</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

PREKINDERGARTEN–GRADE 6

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | |
|---|---|--|
| Program Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Health | | |
| Health | 01 64 1G 67 13 65 66 1C | Elementary Health Middle-Level Science Physical Education General Science* Health and Physical Education* Health and Physical Education, Part-Time* Middle School Science* |
| Physical Education | | |
| Physical Education | 67 65 66 | Physical Education Health and Physical Education* Health and Physical Education, Part-Time* |
| Special Areas, Grade 6 | | |
| Practical Arts/Crafts | 50 49 | Art Advanced Fine Arts (Art) |
| Media Arts | 49+ 51+ 54+ 52+ 56+ 53+ 50+ 58+ 5C+ | Advanced Fine Arts Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice Art Dance Theatre + an additional course in Media Arts |
| Career Clusters, Introduction to NOTE: Beginning with the 2015-16 school year, GCDF certification alone is <i>not</i> acceptable for individuals teaching this course. | NC+ | Certification in Elementary or any Middle Level/School, PK-12, or CATE area + <u>proof of completion of CDF course</u> |
| Industrial Technology Education | 29 | Industrial Technology Education |
| Exploratory Family and Consumer Sciences | 35 | Family and Consumer Science |
| Introduction to Agriculture | 30 | Agriculture |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

PREKINDERGARTEN–GRADE 6

| REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | |
|--|-----------------------|--|
| Program Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Keyboarding General Technology | 01 | Elementary |
| | 4B | Business/Marketing/Computer Technology |
| | 43 | Accounting* |
| | 44 | Accounting and Related Business* |
| | 48 | Accounting and Related Economics* |
| | 47 | Business Education* |
| | 40 | Commerce* |
| | 46 | Data/Information Processing* |
| | 45 | Secretarial Science* |
| | 41 | Shorthand* |
| | 42 | Typing* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 7–8

**REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION *and*
ALL MANDATORY ATTENDANT TRAINING**

Proviso 1.70 allows educators certified in a high school content area to teach the same content area in seventh or eighth grade. Teachers of credit-bearing courses in grades seven and eight must hold either middle-level/school certification in the content area or high school certification in the content area. Additionally, teachers of credit-bearing courses in grades seven and eight must demonstrate content competency with a passing score on the middle level or high school Praxis II exam in the content area or on the National Teacher's Examination in the content area.

| Subject Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
|---------------------|---|--|
| Fine Arts | | |
| Art | 49 50 | Advanced Fine Arts (Art) Art |
| Dance | 49 58 | Advanced Fine Arts (Dance) Dance |
| Drama | 49 5C 04 57 | Advanced Fine Arts (Theatre) Speech and Drama* English Theatre |
| Music | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| Media Arts | 49+ 51+ 54+ 52+ 56+ 53+ 50+ 58+ 5C+ | Advanced Fine Arts Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice Art Dance Theatre + <i>at least one course in Media Arts</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 7–8

**REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION *and*
ALL MANDATORY ATTENDANT TRAINING**

Proviso 1.70 allows educators certified in a high school content area to teach the same content area in seventh or eighth grade. Teachers of credit-bearing courses in grades seven and eight must hold either middle-level/school certification in the content area or high school certification in the content area. Additionally, teachers of credit-bearing courses in grades seven and eight must demonstrate content competency with a passing score on the middle level or high school Praxis II exam in the content area or on the National Teacher's Examination in the content area.

| Subject Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
|---|--|---|
| Health | | |
| Health | 64 1C 67 AC+ 13 65 66 1G | Health Middle-Level Science Physical Education <i>Health Science Technology with minimum bachelor's degree in a health-related field (industry certification preferred)</i> General Science* Health and Physical Education* Health and Physical Education, Part-Time* Middle School Science* |
| Physical Education | | |
| Physical Education | 67 65 66 | Physical Education Health and Physical Education* Health and Physical Education, Part-Time* |
| Language Arts | | |
| English Language Arts Transitional English ELA Assistance | 1E 5E 5G 5F 1A 83 81 82 80 | Middle-Level Language Arts Literacy Coach Literacy Teacher Literacy Specialist Middle School Language Arts* Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| Mathematics | | |
| Mathematics Transitional Mathematics | 1F 1B | Middle-Level Mathematics Middle School Mathematics* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 7–8

**REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION *and*
ALL MANDATORY ATTENDANT TRAINING**

Proviso 1.70 allows educators certified in a high school content area to teach the same content area in seventh or eighth grade. Teachers of credit-bearing courses in grades seven and eight must hold either middle-level/school certification in the content area or high school certification in the content area. Additionally, teachers of credit-bearing courses in grades seven and eight must demonstrate content competency with a passing score on the middle level or high school Praxis II exam in the content area or on the National Teacher's Examination in the content area.

| Subject Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
|---|-------------------|--|
| Science | | |
| Science | 1G 1C | Middle-Level Science Middle School Science* |
| Social Studies | | |
| Social Studies South Carolina Studies | 1H 1D | Middle-Level Social Studies Middle School Social Studies* |
| World Languages | | |
| American Sign Language | 94 | American Sign Language |
| Chinese | 5D | Chinese |
| French | 05 | French |
| German | 08 | German |
| Japanese | 5B | Japanese |
| Latin | 06 | Latin |
| Russian | 09 | Russian |
| Spanish | 07 | Spanish |
| World Language Immersion Programs, Grades 7–8, Subject Area Courses Only | NC+ | Middle-level subject area certification + <i>one of the following:</i> <ul style="list-style-type: none"> a passing score on the Praxis II examination for the target World Language area passing scores on the American Council on the Teaching of Foreign Languages Oral Proficiency Interview (OPI/OPIc) and the Writing Proficiency Test (WPT) in the target language |
| World Language Immersion Programs, Grades 7–8, Target Language Arts Courses Only | NC+ | A valid SC certificate in the target World Language |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 7–8**REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION *and*
ALL MANDATORY ATTENDANT TRAINING**

Proviso 1.70 allows educators certified in a high school content area to teach the same content area in seventh or eighth grade. Teachers of credit-bearing courses in grades seven and eight must hold either middle-level/school certification in the content area or high school certification in the content area. Additionally, teachers of credit-bearing courses in grades seven and eight must demonstrate content competency with a passing score on the middle level or high school Praxis II exam in the content area or on the National Teacher's Examination in the content area.

| Subject Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
|---|--|---|
| Special Areas | | |
| Middle Level Literacy Reading Developmental Reading Student Support Reading | 01 85 1E 5E 5G 5F 1A 83 81 82 80 | Elementary Early Childhood Middle-Level Language Arts Literacy Coach Literacy Teacher Literacy Specialist Middle School Language Arts* Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| English for Speakers of Other Languages (ESOL) | NC 5A | Certification in any teaching area in the appropriate grade level (middle). English for Speakers of Other Languages (ESOL) Add-on certification in ESOL is encouraged by the SEA and required by some LEAs. |
| Grade 7-8 Montessori, Departmentalized | NC 8D | Middle-Level or Middle School certification in the content area (Montessori Middle training is encouraged by the SEA and LEAs.) Montessori—Middle Level (Grades 7-8) |
| Special Areas, Exploratory Programs | | |
| Agriculture, Introduction to | 30 | Agriculture |
| Career Clusters, Introduction to NOTE: Beginning with the 2015-16 school year, GCDF licensure alone is <i>not</i> acceptable for individuals teaching this course. | NC+ | Certification in any middle-level/school, PK-12, or CATE area + <i>proof of completion of CDF course</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 7–8

**REQUIRED CREDENTIAL: ACCEPTABLE CERTIFICATION *and*
ALL MANDATORY ATTENDANT TRAINING**

Proviso 1.70 allows educators certified in a high school content area to teach the same content area in seventh or eighth grade. Teachers of credit-bearing courses in grades seven and eight must hold either middle-level/school certification in the content area or high school certification in the content area. Additionally, teachers of credit-bearing courses in grades seven and eight must demonstrate content competency with a passing score on the middle level or high school Praxis II exam in the content area or on the National Teacher's Examination in the content area.

| Subject Area | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
|--|--|--|
| Gateway to Technology | NC+ | Certification in any middle-level/school, PK-12, or CATE area (+) <i>Project Lead the Way certification</i> <i>Special approval by the State Department of Education's Office of Career and Technology Education is required for CATE-certified teachers without a bachelor's degree.</i> |
| Industrial Technology Education | 29 | Industrial Technology Education |
| Introduction to FACS 1 Introduction to FACS 2 | 35 | Family and Consumer Science |
| Introduction to Health Professions | AC | Health Science Technology |
| Keyboarding (not for HS credit) | 4B 43 44 48 47 40 46 45 41 42 | Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Secretarial Science* Shorthand* Typing* |
| General Technology (not for HS credit) | 4B NC 43 44 48 47 40 46 45 41 42 | Business/Marketing/Computer Technology Middle-level/school certification in any area Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Secretarial Science* Shorthand* Typing* |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|--|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Computer Education | | | |
| 4771 4774 4775 | AP Computer Science A AP Computer Science Lab AP Computer Science Principles | 10+ 12+ 4B+ 40+ 46+ 45+ 41+ 42+ 43+ 44+ 48+ 47+ | Mathematics Science Business/Marketing/Computer Technology Commerce* Data/Information Processing* Secretarial Science* Shorthand* Typing* Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* +AP endorsement in the course |
| 471A 471B 471C 471D | Computer Science SL Computer Science HL-1 Computer Science HL-2 IB Computer Science SL Seminar | 10+ 12+ 4B+ 40+ 46+ 45+ 41+ 42+ 43+ 44+ 48+ 47+ | Mathematics Science Business/Marketing/Computer Technology Commerce* Data/Information Processing* Secretarial Science* Shorthand* Typing* Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* +IB training in the specific subject |
| 472A 472B 472C 472D | Design Technology SL Design Technology HL-1 Design Technology HL-2 IB Design Technology SL Seminar | 10+ 12+ 15+ 16+ 4B+ | Mathematics Science Chemistry Physics Business/Marketing/Computer Technology +IB training in the specific subject |
| Driver Training | | | |
| 3701 | Driver Education | 63 | Driver Training |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|-------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| English Language Arts | | | |
| 3030 3032 | Advanced Composition Creative Writing | 04 | English |
| 3071 3070 3029 | AP English Language & Composition AP English Literature and Composition AP Prep Lab (Honors credit) | 04+ | English +AP endorsement in the course |
| 3024 3025 3026 3027 | English 1 English 2 English 3 English 4 | 04 | English |
| 301A 301B 301C 301D 301E 301F 301J 301K 301L | English A1 SL English A1 HL-1 English A1 HL-2 English A2 SL English A2 HL-1 English A2 HL-2 IB Seminars (Honors credit) IB Seminars (Honors credit) IB Seminars (Honors credit) | 04+ | English + IB training in the specific subject |
| 3050 3051 | Journalism 1 Journalism 2 | 04 | English |
| 4011 4012 | SAT Preparation Verbal ACT Language Arts Preparation | 04 | English |
| 3040 | Speech | 04 57 | English Speech and Drama* |
| 3060 | Vocabulary | 04 | English |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|--|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Special Areas 9–12 | | | |
| 3086 3087 3088 3057 3058 | Secondary Literacy Secondary Literacy 2 Secondary Literacy 3 Ready for High School Literacy (SREB) Literacy Ready (SREB) | 01 85 1E 04 5E 5G 5F 1A 83 81 82 80 | Elementary Early Childhood Middle-Level Language Arts English Literacy Coach Literacy Teacher Literacy Specialist Middle School Language Arts* Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| 3084 4080 4081 4082 | English for Speakers of Other Languages (ESOL) 1 ESOL 2 ESOL 3 ESOL 4 | NC 5A | Any high school certification English for Speakers of Other Languages (ESOL add-on Certification is encouraged by the SEA and required by some LEAs.) |
| 3085 | ESOL Literacy | 01 85 1E 04 5A 5E 5G 5F 1A 83 81 82 80 | Elementary Early Childhood Middle-Level Language Arts English English for Speakers of Other Languages (ESOL add-on Certification is encouraged by the SEA and required by some LEAs.) Literacy Coach Literacy Teacher Literacy Specialist Middle School Language Arts* Reading Clinician* Reading Consultant* Reading Coordinator or Director* Reading Teacher* |
| (NC) | Gifted and Talented | 8A GT | Gifted and Talented Gifted and Talented Endorsement |
| World Languages | | | |
| 3679 | AP Chinese Language and Culture | 5D+ | Chinese + <i>AP endorsement in the course</i> |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|-------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 3671 3672 | AP French Language AP French Literature | 05+ | French + <i>AP endorsement in the course</i> |
| 3678 | AP Japanese Language and Culture | 5B+ | Japanese + <i>AP endorsement in the course</i> |
| 3673 | AP German Language | 08+ | German + <i>AP endorsement in the course</i> |
| 3674 3677 | AP Latin—Vergil AP Latin Literature | 06+ | Latin + <i>AP endorsement in the course</i> |
| 3675 3676 | AP Spanish Language AP Spanish Literature | 07+ | Spanish + <i>AP endorsement in the course</i> |
| 3681 3682 3683 3684 | American Sign Language 1 American Sign Language 2 American Sign Language 3 American Sign Language 4 | 94 | American Sign Language |
| 4612 4613 4614 | Chinese 1 Chinese 2 Chinese 3 | 5D | Chinese |
| 461A 461B 461C 461D 461E 461F 461G | Chinese A1 SL Chinese A1 HL-1 Chinese A1 HL-2 Chinese Ab initio SL Chinese B SL Chinese B HL-1 Chinese B HL-2 | 5D+ | Chinese + <i>IB training in the specific subject</i> |
| 3611 3612 3613 3614 3615 3616 | French 1 French 2 French 3 French 4 French 5 French 6 | 05 | French |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|-------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 361A 361B 361C 361D 361E 361F 361G 361H 361I 361J 361K | French A1 SL French A1 HL-1 French A1 HL-2 French A2 HL-1 French A2 HL-2 French Ab initio SL French B SL French B HL-1 French B HL-2 IB French B SL Seminar IB French Ab initio SL Seminar | 05+ | French + <i>IB training in the specific subject</i> |
| 3621 3622 3623 3624 3625 | German 1 German 2 German 3 German 4 German 5 | 08 | German |
| 362A 362B 362C 362D 362E 362F 362G 362H 362I 362J 362K | German A1 SL German A1 HL-1 German A1 HL-2 German A2 HL-1 German A2 HL-2 German Ab initio SL German B SL German B HL-1 German B HL-2 IB German B SL Seminar IB German Ab initio SL Seminar | 08+ | German + <i>IB training in the specific subject</i> |
| 3661 3662 3663 3664 3667 | Japanese 1 Japanese 2 Japanese 3 Japanese 4 Japanese 5 | 5B | Japanese |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|-------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 366A 366B 366C 366D 366E 366F 366G 366H 366I | Japanese A1 SL Japanese A1 HL-1 Japanese A1 HL-2 Japanese A2 HL-1 Japanese A2 HL-2 Japanese Ab initio SL Japanese B SL Japanese B HL-1 Japanese B HL-2 | 5B+ | Japanese + <i>IB training in the specific subject</i> |
| 3631 3632 3633 3634 3636 | Latin 1 Latin 2 Latin 3 Latin 4 Latin 5 | 06 | Latin |
| 363A 363B 363C 363D | Latin SL Latin HL-1 Latin HL-2 IB Latin B SL Seminar | 06+ | Latin + <i>IB training in the specific subject</i> |
| 365A 365B 365C 365D 365E 365F 365G 365H 365I 365J 365K | Spanish A1 SL Spanish A1 HL-1 Spanish A1 HL-2 Spanish A2 HL-1 Spanish A2 HL-2 Spanish Ab initio SL Spanish B SL Spanish B HL-1 Spanish B HL-2 IB Spanish B SL Seminar IB Spanish Ab initio SL Seminar | 07+ | Spanish + <i>IB training in the specific subject</i> |
| 3641 3642 3643 3644 3647 | Russian 1 Russian 2 Russian 3 Russian 4 Russian 5 | 09 | Russian |
| 3651 3652 3653 3654 3655 | Spanish 1 Spanish 2 Spanish 3 Spanish 4 Spanish 5 | 07 | Spanish |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|---|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| | World Language Immersion Programs Grades 9 – 12, For Subject Area Courses Only | NC+ | High school subject area certification + <i>one of the following</i> : <ul style="list-style-type: none"> a passing score on the Praxis II examination for the target World Language area <i>or</i> passing scores on the American Council on the Teaching of Foreign Languages Oral Proficiency Interview (OPI/OPIc) and the Writing Proficiency Test (WPT/WPTc) in the target language |
| | World Language Immersion Programs Grades 9 – 12, For Target Language Arts Courses Only | NC | A valid SC certificate in the target World Language |
| Health | | | |
| 3401 | Family and Community Health | 12 64 67 AC+ | Science Health Physical Education <i>Health Science Technology with minimum bachelor's degree in a health-related field (industry certification preferred)</i> General Science* Health and Physical Education* Health and Physical Education, Part-Time* |
| 3403 | Human Growth and Development | 12 14 35 64 67 13 65 66 AC+ | Science Biology Family and Consumer Science Health Physical Education General Science* Health and Physical Education* Health and Physical Education, Part-Time* <i>Health Science Technology with minimum bachelor's degree in a health-related field (industry certification preferred)</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION and ALL MANDATORY ATTENDANT TRAINING | | | |
|--|--|-----------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 3402 | Personal Health and Wellness | 12 64 67 AC+ | Science Health Physical Education <i>Health Science Technology with minimum bachelor's degree in a health-related field (industry certification preferred)</i> 13 General Science* 65 Health and Physical Education* 66 Health and Physical Education, Part-Time* |
| Physical Education | | | |
| 3445 | Adaptive Physical Education | 67 65 66 | Physical Education Health and Physical Education* Health and Physical Education, Part-Time* |
| 3441 3442 3443 3444 | Physical Education 1 Physical Education 2 Physical Education 3 Physical Education 4 | 67 65 66 | Physical Education Health and Physical Education* Health and Physical Education, Part-Time* |
| Junior ROTC | | | |
| 3751 3752 3753 3754 3755 3756 3757 3758 | Junior ROTC 1 Junior ROTC 2 Junior ROTC 3 Junior ROTC 4 Junior ROTC 5 Junior ROTC 6 Junior ROTC 7 Junior ROTC 8 | NC+ | Endorsement by service branch (state teacher certification <i>not</i> required) |
| Mathematics | | | |
| 4114 4115 4113 4116 4117 | Algebra 1 Algebra 2 Algebra 3 Foundations in Algebra Intermediate Algebra | 10 | Mathematics |
| 4170 4172 4171 | AP Calculus AB AP Calculus BC AP Statistics | 10+ | Mathematics + <i>AP endorsement in the course</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 4135 4142 | Calculus Discrete Mathematics | 10 | Mathematics |
| 3157 | Accelerated Mathematics 3 <i>(last year taught will be 2017-18)</i> | 10 | Mathematics |
| 3152 | Fundamentals of Mathematics 3 <i>(last year taught will be 2017-18)</i> | 10 | Mathematics |
| 311C 311J 311K 311H | Further Mathematics SL Further Mathematics HL-1 Further Mathematics HL-2 Further Mathematics Seminar SC | 10+ | Mathematics + <i>IB training in the specific subject</i> |
| 4122 | Geometry | 10 | Mathematics |
| 311B 311D 311E 311F 311G 311I | Mathematical Studies SL Mathematics HL-1 Mathematics HL-2 Mathematics SL Mathematics Studies Seminar Mathematics SL Seminar | 10+ | Mathematics + <i>IB training in the specific subject</i> |
| 3144 | Mathematics for the Technologies 4 <i>(last year taught will be 2017-18)</i> | 10+ | Mathematics + <i>contextual methodology training in the subject area</i> |
| 3145 3146 | Ready for High School Math (SREB) Math Ready (SREB) | 10 | Mathematics |
| 4141 4131 | Probability and Statistics Precalculus | 10 | Mathematics |
| 4150 4125 | SAT Mathematics Preparation ACT Mathematics Preparation | 10 | Mathematics |
| Natural Sciences | | | |
| 3263 | Anatomy and Physiology | 14 12 | Biology Science |
| 3272 | AP Biology | 14+ 12+ | Biology Science + <i>AP endorsement in the course</i> |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|-------------------------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 3273 | AP Chemistry | 15+ 12+ | Chemistry Science + <i>AP endorsement in the course</i> |
| 3277 | AP Environmental Science | 30+ 14+ 37+ 12+ 13+ | Agriculture Biology Environmental Science and Natural Resources Science General Science* + <i>AP endorsement in the course</i> |
| 3275 | AP Physics C: Mechanics | 16+ 12+ | Physics Science + <i>AP endorsement in Physics C: Mechanics</i> |
| 3276 | AP Physics C: Electricity and Magnetism | 16+ 12+ | Physics Science + <i>AP endorsement in Physics C: Electricity and Magnetism</i> |
| 3282 | AP Physics 1 | 16+ 12+ | Physics Science + <i>AP endorsement in Physics 1 or 2</i> |
| 3283 | AP Physics 2 | 16+ 12+ | Physics Science + <i>AP endorsement in Physics 1 or 2</i> |
| 3251 | Astronomy | 16 12 17 13 | Physics Science Earth Science* General Science* |
| 3221 | Biology 1 | 14 12 3A | Biology Science Marine Biology* |
| 3222 | Biology 2 | 14 12 | Biology Science |
| 322A 322B 322C 322D | IB Biology SL IB Biology HL-1 IB Biology HL-2 IB Biology SL Seminar | 14+ 12+ | Biology Science + <i>IB training in the specific subject</i> |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|----------------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 3231 3232 | Chemistry 1 Chemistry 2 | 15 12 | Chemistry Science |
| 323A 323B 323C 323 D | IB Chemistry SL IB Chemistry HL-1 IB Chemistry HL-2 IB Chemistry SL Seminar | 15+ 12+ | Chemistry Science (+) <i>IB training in the specific subject</i> |
| 3265 | Earth Science | 12 17 13 | Science Earth Science* General Science* |
| 3261 | Environmental Studies | 30 14 37 12 13 | Agriculture Biology Environmental Science and Natural Resources Science General Science* |
| 326A 326B | Environmental Systems SL Environmental Systems SL Seminar | 37+ 12+ | Environmental Science and Natural Resources Science + <i>IB training in the specific subject</i> |
| 3245 | Forensic Science | 12 14 15 13 | Science Biology Chemistry General Science* |
| 3210 | Integrated Science | 14 15 13 16 12 | Biology Chemistry General Science* Physics Science |
| 3225 | Marine Science | 14 3A 12 | Biology Marine Biology* Science |
| 3211 | Physical Science | 15 13 16 12 | Chemistry General Science* Physics Science |
| 3241 3246 | Physics Physics 2 | 16 12 | Physics Science |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|---|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 324A 324B 324C 324D | Physics SL Physics HL-1 Physics HL-2 IB Physics SL Seminar | 16+ 12+ | Physics Science + <i>IB training in the specific subject</i> |
| 322E | IB Sports, Exercise, and Health | 12+ AC+ | 12 Science <i>Health Science Technology with minimum bachelor's degree in a health or science-related field (industry certification preferred)</i> + <i>IB training in the specific subject</i> |
| Social Studies | | | |
| 3378 | AP Comparative Government | 25+ 20+ | Government Social Studies + <i>AP endorsement in the course</i> |
| 3376 | AP European History | 21+ 20+ | History Social Studies + <i>AP endorsement in the course</i> |
| 3379 | AP Human Geography | 24+ 21+ 20+ | Geography History Social Studies + <i>AP endorsement in the course</i> |
| 3374 3375 | AP Macroeconomics AP Microeconomics | 23+ 20+ 44+ 48+ 4B+ 47+ 40+ | Economics Social Studies Accounting and Related Business* Accounting and Related Economics* Business/Marketing/Computer Technology Business Education* Commerce* + <i>AP endorsement in the course</i> |
| 4371 | AP Psychology | 26+ 20+ | Psychology Social Studies + <i>AP endorsement in the course</i> |
| 3373 | AP U.S. Government | 25+ 20+ | Government Social Studies + <i>AP endorsement in the course</i> |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|---|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 3372 3377 | AP U.S. History AP World History | 21+ 20+ | History Social Studies + <i>AP endorsement in the course</i> |
| 338L 338M | Business and Management HL-1 Business and Management HL-2 | 23+ 20+ 4B+ 44+ 48+ 47+ 40+ | Economics Social Studies Business/Marketing/Computer Technology Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* + <i>IB training in the specific subject</i> |
| 3335 3337 | Civics Current Events/Foreign Policy | 25 21 20 | Government History Social Studies |
| 3350 3355 3356 | Economics Macroeconomics Microeconomics | 23 20 4B 47 40 44 48 | Economics Social Studies Business/Marketing/Computer Technology Business Education* Commerce* Accounting and Related Business* Accounting and Related Economics* |
| 335A 335B 335C 335D | Economics SL Economics HL-1 Economics HL-2 IB Economics Seminar SL | 23+ 20+ 4B+ 47+ 40+ 44+ 48+ | Economics Social Studies Business/Marketing/Computer Technology Business Education* Commerce* Accounting and Related Business* Accounting and Related Economics* + <i>IB training in the specific subject</i> |
| 3349 | Environmental Studies | 20 | Social Studies |
| 331A 331B 331C | Geography SL Geography HL-1 Geography HL-2 | 24+ 20+ | Geography Social Studies + <i>IB training in the specific subject</i> |
| 338N 338O 338P | Information Technology in a Global Society HL-1 Information Technology in a Global Society HL-2 Information Technology in a Global Society SL Seminar | NC+ | Certification in any secondary-level subject area + <i>IB training in the specific subject</i> |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|--|---|-------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 336A 336B 336C 336D 336E 336F 336G 336H 336I 336J 336K 336L | History: Africa HL-1 History: Africa HL-2 History of Americas HL IB US History (tied to EOCEP exam) History: S Asian and the Middle East HL-1 History: S Asian and the Middle East HL-2 History: E and SE Asia and Oceania HL-1 History: E and SE Asia and Oceania HL-2 History of Europe HL-1 History of Europe HL-2 History SL IB History SL Seminar | 24+ 21+ 20+ | Geography History Social Studies + <i>IB training in the specific subject</i> |
| 3336 | Law Education | 25 20 | Government Social Studies |
| 338A 338B 338C 338H | Philosophy SL Philosophy HL-1 Philosophy HL-2 IB Philosophy SL Seminar | 20+ | Social Studies + <i>IB training in the specific subject</i> |
| 3340 | Psychology | 26 20 | Psychology Social Studies |
| 334A 334B 334C 334D | Psychology SL Psychology HL-1 Psychology HL-2 IB Psychology SL Seminar | 26+ 20+ | Psychology Social Studies + <i>IB training in the specific subject</i> |
| 338D 338E 338F | Social Anthropology SL Social Anthropology HL-1 Social Anthropology HL-2 | 20+ | Social Studies + <i>IB training in the specific subject</i> |
| 3345 | Sociology | 20 27 | Social Studies Sociology |
| 3330 | U.S. Government | 25 20 | Government Social Studies |
| 3320 | U.S. History and Constitution | 21 20 | History Social Studies |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|--|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 3365 | Western Civilization | 24 21 20 | Geography History Social Studies |
| 3310 | World Geography | 24 20 | Geography Social Studies |
| 3360 | World History | 20 21 | Social Studies History |
| Visual and Performing Arts | | | |
| 3571 | AP Art History | 49+ 50+ 20+ 21+ | Advanced Fine Arts (Art) Art History Social Studies + <i>AP endorsement in the course</i> |
| 3572 3574 3575 | AP Studio Art: Drawing AP Studio Art: Two-Dimensional Design AP Studio Art: Three-Dimensional Design | 49+ 50+ | Advanced Fine Arts (Art) Art + <i>AP endorsement in the course</i> |
| 3576 | AP Music Theory | 49+ 51+ 54+ 52+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice (+) <i>AP endorsement in the course</i> |
| 3501 3502 3503 3504 3511 3512 3513 3514 | Art 1 Art 2 Art 3 Art 4 Art Appreciation 1 Art Appreciation 2 Art Appreciation 3 Art Appreciation 4 | 49 50 | Advanced Fine Arts (Art) Art |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|---|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 3515 3516 3517 3518 | Media Arts 1 Media Arts 2 Media Arts 3 Media Arts 4 | 49+ 51+ 54+ 52+ 56+ 53+ 50+ 58+ 5C+ | Advanced Fine Arts Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice Art Dance Theatre <i>+ at least one course in media arts</i> |
| 3505 3506 3507 3508 | Art:3-D Design 1 Art 3-D Design 2 Art 3-D Design 3 Art 3-D Design 4 | 49 50 | Advanced Fine Arts (Art) Art |
| 4550 | Art: Digital Arts | 49 50 | Advanced Fine Arts (Art) Art |
| 3521 3522 3523 3524 4551 4552 4553 | Art: Drawing 1 Art: Drawing 2 Art: Drawing 3 Art: Drawing 4 Art: Illustration Art: Moving Images (Film and Animation) Art: Film Studies | 49 50 | Advanced Fine Arts (Art) Art |
| 4554 4555 4556 4557 4558 | Art: Graphic Design Art: Sequential Art (Graphic Novels) Art: Advertising Design/Commercial Art Art: Fiber and Textile Design Art: Jewelry | 49 50 | Advanced Fine Arts (Art) Art |
| 351A 351B 351C 351D 351E | Visual Arts A SL Visual Arts B SL Visual Arts HL-1 Visual Arts HL-2 IB Visual Arts SL Seminar | 49+ 50+ | Advanced Fine Arts (Art) Art <i>+ IB training in the specific subject</i> |
| 3525 3526 3527 3528 | Art: Painting 1 Art: Painting 2 Art: Painting 3 Art: Painting 4 | 49 50 | Advanced Fine Arts (Art) Art |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|----------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 4561 4562 4563 4564 | Ceramics 1 Ceramics 2 Ceramics 3 Ceramics 4 | 49 50 | Advanced Fine Arts (Art) Art |
| 4566 4567 4568 4569 | Photography 1 Photography 2 Photography 3 Photography 4 | 49 50 | Advanced Fine Arts (Art) Art |
| 4571 4572 4573 4574 | Printmaking 1 Printmaking 2 Printmaking 3 Printmaking 4 | 49 50 | Advanced Fine Arts (Art) Art |
| 4576 4577 4578 4579 | Stained Glass 1 Stained Glass 2 Stained Glass 3 Stained Glass 4 | 49 50 | Advanced Fine Arts (Art) Art |
| 3588 | Art History | 49 50 | Advanced Fine Arts (Art) Art |
| 4501 4502 4503 4504 4505 | Dance 1 Dance 2 Dance 3 Dance 4 Dance (modern) | 49 58 | Advanced Fine Arts (Dance) Dance |
| 450A 450B 450C 450D | Dance SL Dance HL IB Dance SL Seminar Dance HI 2 | 49+ 58+ | Advanced Fine Arts (Dance) Dance + <i>IB training in the specific subject</i> |
| 4506 4508 4509 4510 | Dance: Ballet 1 Dance: Ballet 2 Dance: Ballet 3 Dance: Ballet 4 | 49 58 | Advanced Fine Arts (Dance) Dance |
| 4507 | Dance with Physical Education (Does not count as PE) | 49 58 | Advanced Fine Arts (Dance) Dance |
| 4521 4522 4523 4524 4525 | Theatre 1 Theatre 2 Theatre 2 Theatre 4 Technical Theatre Arts | 49 04 5C 57 | Advanced Fine Arts (Theatre) English Theatre Speech and Drama* |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|--------------------------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 452A 452B 452C 452D | Theatre Arts SL Theatre Arts HL-1 Theatre Arts HL-2 IB Theatre SL Seminar | 49+ 5C+ | Advanced Fine Arts (Theatre) Theatre + <i>IB training in the specific subject</i> |
| 453A 453B 453C 453D | Film Film HL-1 Film HL-2 IB Film SL Seminar | 49 50 | Advanced Fine Arts (Art) Art + <i>IB training in the specific subject</i> |
| 3560 | General Music | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| 3531 3532 3533 3534 3530 | Band 1 Band 2 Band 3 Band 4 Band Rehearsal | 49+ 54 51+ 52+ 56 53+ | Advanced Fine Arts (Music) Music Education—Instrumental Music Education—Choral Music Education—Piano Music Education—Violin Music Education—Voice + <i>at least one course in instrumental music or band.</i> |
| 3539 3540 3541 3542 3543 3544 3545 3546 | Choral Music Chorus Rehearsal Chorus 1 Chorus 2 Chorus 3 Chorus 4 Chorus 5 Chorus 6 | 49+ 51 54+ 52+ 56+ 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice + <i>at least one course in choral music or voice</i> |
| 3561 3562 3563 3564 | Music Appreciation 1 Music Appreciation 2 Music Appreciation 3 Music Appreciation 4 | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|--|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 4584 | World Music | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| 3570 | Music Composition | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| 4586 | Music Composition and Songwriting | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| 356A 356B 356C 356D | Music SL Music HL-1 Music HL-2 IB Music SL Seminar | 49+ 51+ 54+ 52+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice + <i>IB training in the specific subject</i> |
| 4583 | Percussion | 49+ 51+ 54 52+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice + <i>at least one course in percussion</i> |
| 3567 4580 4581 4582 | Instrumental Music: Guitar Instrumental Music: Guitar 2 Instrumental Music: Guitar 3 Instrumental Music: Guitar 4 | 49+ 51+ 54+ 52+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice + <i>at least one course in guitar</i> |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|--------------------------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 4545 4546 4547 4548 4549 | Instrumental Music: Wind Ensemble Instrumental Music: Brass Instrumental Music: Woodwinds Instrumental Music: Steel Drums Instrumental Music: New Music Ensemble (Rock & Roll, Mariachi, iPad ensembles) | 49 54 51+ 52+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Instrumental Music Education—Choral Music Education—Piano Music Education—Violin Music Education—Voice <i>+ at least one class in the content area of the course</i> |
| 3530 3537 3538 3531 3532 3533 3534 3535 3536 3578 3579 | Instrumental Music: Band Rehearsal Band Rehearsal 2 Band Rehearsal 3 Instrumental Music: Band 1 Band 2 Band 3 Band 4 Band 5 Band 6 Band 7 Band 8 | 49 51+ 54 52+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| 4530 4531 4532 4533 4534 | Instrumental Music: Jazz Band Rehearsal Instrumental Music: Jazz Band 1 Jazz Band 2 Jazz Band 3 Jazz Band 4 | 49 51+ 54 52+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| 3551 3552 3553 3554 3547 3548 3549 3550 | Orchestra—Strings 1 Orchestra—Strings 2 Orchestra—Strings 3 Orchestra—Strings 4 Orchestra—Strings Rehearsal 2 Orchestra—Strings Rehearsal 3 Orchestra—Strings Rehearsal 4 Orchestra—Strings Rehearsal 5 | 49 51+ 52+ 54 56 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Piano Music Education—Instrumental Music Education—Violin Music Education—Voice |

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GRADES 9–12

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|---------------------------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 4540 4541 4542 4543 4544 9532 | Instrumental Music: Piano Rehearsal Instrumental Music: Piano Instrumental Music: Piano 2 Instrumental Music: Piano 3 Instrumental Music: Piano 4 Instrumental Music: Piano 5 | 49+ 51+ 52 54+ 56+ 53+ | Advanced Fine Arts (Music) Music Education—Choral Music Education—Piano Music Education—Instrumental Music Education—Violin Music Education—Voice <i>+ at least one class in the content area of the course</i> |
| 4511 4512 4513 4514 | Music Composition 1 Music Composition 2 Music Composition 3 Music Composition 4 | 49 51 54 52 56 53 | Advanced Fine Arts (Music) Music Education—Choral Music Education—Instrumental Music Education—Piano Music Education—Violin Music Education—Voice |
| 351A 351B 351C 351D | Visual Arts A SL Visual Arts B SL Visual Arts HL-1 Visual Arts HL-2 | 49+ 50+ | Advanced Fine Arts (Art) Art <i>+ IB training in the specific subject</i> |
| Other Academic Electives | | | |
| 3730 3731 | AP Seminar AP Research | NC+ | Any high school certification <i>+ AP endorsement</i> |
| 373A 373B 373C 373D | IB Theory of Knowledge (TOK) I IB TOK II IB Extended Essay IB Creativity, Action, Service | NC+ | Any high school certification <i>+ IB training in the specific subject</i> |
| 3735 | Teacher Cadet | NC+ | Any high school certification <i>+ Experiencing Education curriculum training and additional training required by the Center for Educator Recruitment, Retention, and Advancement (CERRA)</i> |
| 3741 3742 3743 3744 | Jobs for America Graduates 1 Jobs for America Graduates 2 Jobs for America Graduates 3 Jobs for America Graduates 4 | NC+ | Any high school certification <i>+ JAG training or certification</i> |
| 3768 3769 | Newspaper Production Yearbook Production | NC | Any high school certification |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|--|--|-------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Agriculture, Food and Natural Resources | | | |
| 5691 5600 5614 5660 5604 5605 5620 5663 5603 5608 5609 5692 5695 5696 5693 5694 5628 5629 5621 5657 5602 5630 | Agricultural and Biosystems Science Agribusiness and Marketing Agricultural Crop Production and Management Agricultural Mechanics and Technology Agricultural Mechanics and Technology for the Workplace 1 Agricultural Mechanics and Technology for the Workplace 2 Agricultural Science and Technology for the Workplace Aquaculture Animal Science Animal Science for the Workplace 1 Animal Science for the Workplace 2 Biosystems Mechanics and Engineering Biosystems Technology 1 Biosystems Technology 2 Biosystems Technology Career Development 1 Biosystems Technology Career Development 2 Environmental and Natural Resources Management for the Workplace 1 Environmental and Natural Resources Management for the Workplace 2 Equipment Operation and Maintenance Food Processing Outdoor Recreation Soils and Soilless Research | 30 | Agriculture |
| 5610 5611 | Agricultural Power Mechanics Agricultural Structural Mechanics | 30 31 AA | Agriculture Agriculture Mechanics Agricultural Mechanics* |
| 5624 5626 5627 | Agricultural Science and Technology Environmental and Natural Resources Management Soil and Water Conservation | 30 37 | Agriculture Environmental Science and Natural Resources |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|--|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5690 | Agriculture, Food and Natural Resources, work-based credit | 30 31 34 37 38 39 AA | Agriculture Agriculture Mechanics Animal Science Environmental Science and Natural Resources Forestry Horticulture Agricultural Mechanics* |
| 5646 5679 5647 5612 5613 | Cattle Production Equine Science Farm Animal Production Small Animal Care Veterinary Science, Introduction to | 30 34 | Agriculture Animal Science |
| 5634 5667 5650 5670 5672 5655 5654 5674 5652 5653 | Floriculture Golf Course Technology Horticulture, Introduction to Landscape Technology Nursery, Greenhouse, and Garden Center Technology Sports Turf Management Turf and Lawn Management Wildlife Management Horticulture for the Workplace 1 Horticulture for the Workplace 2 | 30 39 | Agriculture Horticulture |
| 5642 | Forestry | 30 38 | Agriculture Forestry |
| Architecture and Construction | | | |
| 6003 6004 6005 6006 | HVAC Technology 1 HVAC Technology 2 HVAC Technology 3 HVAC Technology 4 | AG | Environmental Control Systems (HVAC) |
| 6690 | Architecture and Construction, work-based credit | AL AP AM AV AG BC | Brick Masonry Cabinetmaking Carpentry Electricity Environmental Control Systems (HVAC) Plumbing |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|--|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 6060 6061 6062 6063 | Building Construction Cluster 1 Building Construction Cluster 2 Building Construction Cluster 3 Building Construction Cluster 4 | AM 29+ AV+ AL+ BC+ | Carpentry Industrial Technology Education Electricity Brick Masonry Plumbing + <i>additional training approved by the Office of Career and Technology Education</i> |
| 6091 6092 6093 6094 | Carpentry 1 Carpentry 2 Carpentry 3 Carpentry 4 | AM | Carpentry |
| 6080 6081 6082 6083 | Cabinetmaking 1 Cabinetmaking 2 Cabinetmaking 3 Cabinetmaking 4 | AM AP | Carpentry Cabinetmaking* |
| 6001 | Construction, Introduction to | AL AP AM AV AG 29 BC | Brick Masonry Cabinetmaking Carpentry Electricity Environmental Control Systems (HVAC) Industrial Technology Education Plumbing |
| 6287 6288 6289 6290 | Electricity 1 Electricity 2 Electricity 3 Electricity 4 | AV | Electricity |
| 6250 6251 6252 6253 | Masonry 1 Masonry 2 Masonry 3 Masonry 4 | AL | Brick Masonry |
| 6280 6281 6282 6283 | Plumbing 1 Plumbing 2 Plumbing 3 Plumbing 4 | BC | Plumbing |
| 5330 | Home Systems Technology | AV AW EE | Electricity Electronics Information Technology—Networking |

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CAREER AND TECHNOLOGY EDUCATION

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|---|--|-------------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Arts, Audio-Video Technology and Communications | | | |
| 6120 6121 6122 6123 | Digital Art and Design 1 Digital Art and Design 2 Digital Art and Design 3 Digital Art and Design 4 | BN AX | Digital Art and Design Graphic Communications |
| 6170 6171 | Architectural Design 1 Architectural Design 2 | AU | Drafting |
| 6124 6125 6126 6127 | Media Technology 1 Media Technology 2 Media Technology 3 Media Technology 4 | DC | Media Technology |
| 5290 | Arts, Audio-Video Technology and Communications, work-based credit | BN AU AX | Digital Art and Design Drafting Graphic Communications |
| 6200 6201 6202 6203 | Graphic Communications 1 Graphic Communications 2 Graphic Communications 3 Graphic Communications 4 | AX | Graphic Communications |
| 5205 | Graphic Communications, Introduction to | BN AU AX 29 | Digital Art and Design Drafting Graphic Communications Industrial Technology Education |
| 5710 5711 5804 5805 | Fashion Design and Apparel Construction 1 Fashion Design and Apparel Construction 2 Fashion, Fabrics and Design 1 Fashion, Fabrics and Design 2 | 35 EB 50+ | Family and Consumer Science Clothing Design and Construction Art <i>+ additional courses or training approved by the Office of Career and Technology Education</i> |
| 5455 5456 5290 | Interior Design 1 Interior Design 2 Arts, Audio-Video Technology and Communications, work-based credit | 35 50+ AF+ 32+ | Family and Consumer Science Art Mechanical Drawing* Distributive Education* <i>+ additional courses or training approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|--|---|--|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 6172 6173 | Mechanical Design 1 Mechanical Design 2 | AU | Drafting |
| Business Management and Administration | | | |
| 5122 5044 5490 5092 5008 5180 5181 5030 5041 5090 5480 5007 5011 5093 5020 5021 5032 5100 5482 | Administrative Support Technology Business Law Business, Management, and Administration, work-based credit Business Principles and Management Computer Applications Digital Technologies Digital Literacy Digital Multimedia Essential Communications Fundamentals of Business, Marketing and Finance Fundamentals of Project Management Google Applications Google Basics Human Resource Management Integrated Business Applications 1 Integrated Business Applications 2 Global Business Keyboarding Logistics and Business Processes | 4B 43 44 48 47 40 46 32 45 41 42 | Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* |
| 5010 5178 5034 5150 5151 5152 5153 | Multimedia Basics Professional and Leadership Development Social Media in Business Virtual Enterprise 1 Virtual Enterprise 2 Virtual Enterprise 3 Virtual Enterprise 4 | 4B 43 44 48 47 40 46 32 45 41 42 | Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|---|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5340 5341 5176 | Image Editing 1 Image Editing 2 Digital Desktop Publishing | 4B 43 44 48 47 40 46 32 45 41 42 EH+ ED+ NC+ | Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Information Technology Information Technology – Programming Any high school certification + <i>must also have industry certification (e.g., ACA Adobe Certified Associate-Educator)</i> |
| 5400 | Entrepreneurship | 4B 43 44 48 47 40 46 32 45 41 42 NC+ | Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Any high school certification + <i>Youth Entrepreneurship South Carolina (YESCarolina) certification</i> |
| Education and Training | | | |
| 5800 5801 5702 5700 5701 6390 | Child Development 1 Child Development 2 Early Childhood Education, Introduction to Early Childhood Education 1 Early Childhood Education 2 Education and Training, work-based credit | 35 85+ | Family and Consumer Science (Home Economics) Early Childhood + <i>additional courses or training approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|--|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5703 5704 6390 | Introduction to Teaching 1 Introduction to Teaching 2 Education and Training, work-based credit | 4B 35 29+ 30+ 47 | Business/Marketing/Computer Technology Family and Consumer Science Industrial Technology Education Agriculture Business Education* + <i>must also have industry certification (e.g., ACA Adobe Certified Associate-Educator)</i> |
| 5705 | Teacher Cadet – CATE | NC+ | Any high school certification + <i>Experiencing Education curriculum training and additional training required by the Center for Educator Recruitment, Retention, and Advancement (CERRA)</i> |
| Finance | | | |
| 5001 5005 5131 5271 5273 5282 5281 6190 5275 5277 | Accounting 1 Accounting 2 Personal Finance Banking Services Business Finance Financial Literacy Financial Math Finance, work-based credit Insurance Securities and Investments | 4B 23+ 10+ 43 44 48 47 40 46 32 45 41 42 | Business/Marketing/Computer Technology Economics Mathematics Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* + <i>additional courses in accounting and finance approved by the Office of Career and Technology Education</i> |
| Health Science | | | |
| 5584 | Medical Billing and Coding | AC+ NC+ | Health Science Technology Any high school certification + <i>additional training and experience approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|--------------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5531 5532 5550 5551 | Emergency Medical Services 1 Emergency Medical Services 2 Health Science 1 Health Science 2 | AC NC+ | Health Science Technology Any high school certification + <i>additional training and experience approved by the Office of Career and Technology Education</i> |
| 5533 | Emergency Medical Services 3 | AC+ NC+ | Health Science Technology Any high school certification + <i>DHEC paramedic certification</i> |
| 5552 | Health Science 3 | AC 12+ 13+ | Health Science Technology Science Biology + <i>additional training or mentoring approved by the Office of Career and Technology Education</i> |
| 5560 | Health Science Clinical Study | AC+ | Health Science Technology + <i>S.C. Board of Nursing registered nurse (RN) licensure if teaching the Nurse Aide Program or Patient Care Technician Program</i> |
| 5590 | Health Science, work-based credit | AC NC+ | Health Science Technology Any high school certification + <i>additional training or experience approved by the Office of Career and Technology Education</i> |
| 5580 5581 5582 5583 | Principles of Biomedical Sciences Human Body Systems Medical Interventions Biomedical Innovation | AC+ 12+ 14+ 15+ | Health Science Technology Science Biology Chemistry + <i>successful completion of the required Summer Training Institute by Project Lead the Way Biomedical Sciences Program</i> |
| 5540 | Medical Terminology | AC NC+ | Health Science Technology Any high school certification + <i>additional training and experience approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|---|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5570 | Pharmacy for Medical Careers | AC+ NC+ | Health Science Technology <i>or</i> Any high school certification + <i>additional training and experience approved by the Office of Career and Technology Education</i> |
| 5520 | Practical Nursing | AC+ NC+ | Health Science Technology Any high school certification + <i>S.C. Board of Nursing registered nurse (RN) licensure</i> |
| 5555 5556 5557 5591 | Sports Medicine 1 Sports Medicine 2 Sports Medicine 3 Sports Medicine, work-based credit | AC NC+ | Health Science Technology Any high school certification + <i>state athletic trainer certification</i> |
| 5505 5506 5507 5508 | Health Informatics 1 – Data and Use Health Informatics 2 – Transforming Data into Information Health Informatics 3 – Transforming Information into Knowledge Health Informatics 4 – Problems and Solutions | AC+ NC++ | Health Science Technology Any high school certification +successful completion of the required training courses by Southern Regional Education Board (SREB) ++ with a business background in information management and required training from SREB listed above |
| Hospitality and Tourism | | | |
| 5723 5720 5721 5722 5190 | Baking and Pastry Culinary Arts 1 Culinary Arts 2 Culinary Arts, Introduction to Hospitality and Tourism, work-based credit | AQ 35+ | Culinary Arts Family and Consumer Science + <i>additional courses or training approved by the Office of Career and Technology Education</i> |
| 5190 5476 5477 5478 5473 5474 5475 | Hospitality and Tourism, work-based credit Hospitality Management and Operations 1 Hospitality Management and Operations 2 Introduction to Hospitality and Tourism Management Lodging Management Travel and Tourism Management Event and Entertainment Management | 4B 47 NC+ 43 44 48 40 AQ 46 32 35 EC 45 | Business/Marketing/Computer Technology Culinary Arts Any high school certification Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Family and Consumer Science Hospitality and Tourism* Secretarial Science* |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|--|---|-------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| | | 41 42 | Shorthand* Typing* <i>+ additional training or courses approved by the Office of Career and Technology Education</i> |
| Human Services/Family and Consumer Sciences | | | |
| 6150 6151 6152 6153 | Cosmetology 1 Cosmetology 2 Cosmetology 3 Cosmetology 4 | AT BP+ | Cosmetology Barbering <i>+ Cosmetology License</i> |
| 6158 6159 6160 6161 | Barber/Master Hair Care 1 Barber/Master Hair Care 2 Barber/Master Hair Care 3 Barber/Master Hair Care 4 | BP AT+ | Barbering Cosmetology <i>+ Barbering License</i> |
| 5808 5809 5890 5820 5821 5812 5813 5824 5825 5830 5831 5834 5835 5816 5817 5759 5760 | Family and Consumer Sciences 1 Family and Consumer Sciences 2 Family and Consumer Sciences, work-based credit Family Life Education 1 Family Life Education 2 Financial Fitness 1 Financial Fitness 2 Foods and Nutrition 1 Foods and Nutrition 2 Housing and Interiors 1 Housing and Interiors 2 Human Development: Responsible Life Choices 1 Human Development: Responsible Life Choices 2 Parenting Education 1 Parenting Education 2 Sports Nutrition 1 Sports Nutrition 2 | 35 | Family and Consumer Science |
| 5790 | Human Services, work-based credit | AT BP EG | Cosmetology Barbering Nail Technology |
| 6154 6155 6156 | Nail Technology 1 Nail Technology 2 Nail Technology 3 | EG AT BP+ | Nail Technology Cosmetology Barbering |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|---|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 6157 | Nail Technology 4 | | + <i>Nail Technology License</i> |
| 6162 6163 6164 6165 | Esthetics 1 Esthetics 2 Esthetics 3 Esthetics 4 | AT BP+ | Cosmetology Barbering + <i>Cosmetology License</i> |
| Information Technology | | | |
| 5350 5422 | Advanced Animation Foundations of Animation | 4B 43 44 48 47 40 46 32 45 41 42 EH+ ED+ NC+ | Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Information Technology Information Technology – Programming Any high school certification + <i>industry certification (e.g., ACA Adobe Certified Associate-Educator)</i> |
| 5023 | Exploring Computer Science | 4B 10 12+ AW EE+ EH+ ED+ NC+ 43 44 48 47 40 46 32 45 | Business/Marketing/Computer Technology Mathematics Science Electronics Information Technology – Networking Information Technology Information Technology – Programming Any high school certification Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|---|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5023 | Exploring Computer Science (continued) | 41 42 11 | Shorthand* Typing* General Mathematics* + <i>additional training or courses approved by the Office of Career and Technology Education</i> |
| 5025 | IT Fundamentals | AW EH+ ED+ NC+ | Electronics Information Technology Information Technology – Programming Any high school certification + <i>additional training or courses approved by the Office of Career and Technology Education</i> |
| 5050 5051 5052 5053 5054 5055 5056 5057 | Computer Programming 1 Computer Programming 2 Computer Programming with Java 1 Computer Programming with Java 2 Computer Programming with Visual Basics 1 Computer Programming with Visual Basics 2 Computer Programming with C++ 1 Computer Programming with C++ 2 | 4B 10 43 44 48 47 40 46 32 45 41 42 EH+ ED+ NC+ | Business/Marketing/Computer Technology Mathematics Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Information Technology Information Technology – Programming Any high school certification + <i>additional training or courses approved by the Office of Career and Technology Education</i> |
| 5320 5321 5322 5323 | Computer Repair and Service Advanced Computer Repair and Service Computer Operating Systems Advanced Computer Operating Systems | AW EH+ ED+ NC+ | Electronics Information Technology Information Technology – Programming Any high school certification + <i>appropriate training approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|---|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5327 5328 | SAS Programming 1 SAS Programming 2 | 4B 43 44 48 47 40 46 32 45 41 42 EH+ ED+ NC+ | A Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Information Technology Information Technology – Programming Any high school certification + <i>appropriate training approved by the Office of Career and Technology Education and/or training by SAS</i> |
| 5270 | Information Technology Foundations | 4B AW EH+ ED+ NC+ 43 44 48 47 40 46 32 45 41 42 | Business/Marketing/Computer Technology Electronics Information Technology Information Technology – Programming Any high school certification Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* + <i>appropriate training approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|---|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5361 5362 | GIS Technology 1 GIS Technology 2 | 43 44 48 4B 47 40 46 32 45 41 42 EH+ ED+ NC+ | Accounting* Accounting and Related Business* Accounting and Related Economics* Business/Marketing/Computer Technology Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Information Technology <i>or</i> Information Technology – Programming Any high school certification + <i>appropriate training approved by the Office of Career and Technology Education</i> |
| 5390 | Information Technology, work-based credit | 4B 10 NC+ AW EE ED 43 44 48 47 40 46 32 45 41 42 | Business/Marketing/Computer Technology Mathematics Any high school certification Electronics Information Technology—Networking Information Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education Secretarial Science* Shorthand* Typing* + <i>appropriate training approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|---|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5310 5311 5312 5313 | Networking Fundamentals Advanced Networking Server Networking Advanced Server Networking | EE+ EH+ NC+ | Information Technology—Networking Information Technology Any high school certification + <i>appropriate training approved by the Office of Career and Technology Education</i> |
| 5324 5326 5058 | Database Design and Programming with SQL Database Programming with PL/SQL Java Fundamentals and Java Programming | EH+ ED+ NC+ | Information Technology Information Technology – Programming Any high school certification + <i>training through Oracle Academy</i> |
| 5370 5372 | Cyber Security Fundamentals Advanced Cyber Security | EH+ ED+ EE+ NC+ | Information Technology Information Technology—Programming Information Technology—Networking Any high school certification + <i>appropriate training approved by the Office of Career and Technology Education</i> |
| 5374 | Computer Forensics | AW EH+ ED+ NC+ | Electronics Information Technology Information Technology – Programming Any high school certification + <i>appropriate training approved by the Office of Career and Technology Education</i> |
| 5352 | Game Design and Development | 4B 43 44 48 47 40 46 32 45 41 42 EH+ ED+ NC+ | Business/Marketing/Computer Technology Accounting* Accounting and Related Business* Accounting and Related Economics* Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Information Technology Information Technology – Programming Any high school certification + <i>appropriate training approved by the Office of Career and Technology Education</i> |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|---|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 5031 5033 | Fundamentals of Web Page Design and Development Advanced Web Page Design and Development | 43 44 48 4B 47 40 46 32 45 41 42 EH+ ED+ NC+ | Accounting* Accounting and Related Business* Accounting and Related Economics* Business/Marketing/Computer Technology Business Education* Commerce* Data/Information Processing* Distributive Education* Secretarial Science* Shorthand* Typing* Information Technology Information Technology – Programming Any high school certification + <i>industry certification (e.g., CIW Certified Internet Webmaster or ACA Adobe Certified Associate-Educator)</i> |
| Law, Public Safety, Corrections and Security | | | |
| 6512 6513 6510 6511 6505 6590 | Emergency and Fire Management Services 1 Emergency and Fire Management Services 2 Law Enforcement Services 1 Law Enforcement Services 2 Law, Public Safety, Corrections and Security, Introduction to Law, Public Safety, Corrections and Security, work-based credit | DB DD DA | Law Enforcement Services Emergency and Fire Management Services Criminal Justice* |
| 6514 6515 | Firefighter 1 Firefighter 2 | DD+ | Emergency and Fire Management Services + <i>instructor authorization from the South Carolina Fire Academy and SCFA certification in the course</i> |
| Manufacturing | | | |
| 6133 6134 6135 6136 | Electronics Technology 1 Electronics Technology 2 Electronics Technology 3 Electronics Technology 4 | AW | Electronics |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|---|----------------------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 6045 | Manufacturing Technology, Introduction to | AW CB 29 BA BE BK | Electronics Industrial Maintenance Mechanics Industrial Technology Education Machine Tool Technology Sheet Metal Welding |
| 6230 6231 6232 6233 | Machine Technology 1 Machine Technology 2 Machine Technology 3 Machine Technology 4 | BA | Machine Tool Technology |
| 6490 | Manufacturing, work-based credit | AW BA CB BE BK | Electronics Machine Tool Technology Industrial Maintenance Mechanics Sheet Metal Welding |
| 6210 6211 6212 6213 | Mechatronics – Electrical Components/Industrial Safety Mechatronics – Components Electric Drives/Hand & Power Tool Op Electro Pneumatics and Hydraulics Mechatronics – Digital Fundamentals and Programmable Controllers | CB NC+ | Industrial Maintenance Mechanics Any high school certification + 1. <i>approval by the Office of Career and Technology Education,</i> 2. <i>Mechatronics summer training (two sessions required), and</i> 3. <i>Mechatronics teacher industry certification.</i> |
| 6260 6261 6262 6263 | Metal Fabrication 1 Metal Fabrication 2 Metal Fabrication 3 Metal Fabrication 4 | BE BK | Sheet Metal Welding |
| 6340 6341 6342 6343 | Welding Technology 1 Welding Technology 2 Welding Technology 3 Welding Technology 4 | BK | Welding |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|-------------------------------------|-------------------|---|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| Marketing | | | |
| 5470 | Advertising | 4B | Business/Marketing/Computer Technology |
| 5410 | Fashion Marketing | | Accounting* |
| 5422 | Digital Media Marketing | 43 | Accounting and Related Business* |
| 5421 | Marketing | 44 | Accounting and Related Economics* |
| 5431 | Marketing Management | 48 | Business Education* |
| 5423 | Marketing Research | 47 | Commerce* |
| 5430 | Merchandising | 40 | Data/Information Processing* |
| 5471 | Professional Sales | 46 | Distributive Education* |
| 5426 | Sports and Entertainment Marketing | 32 | Secretarial Science* |
| 5427 | Sports and Entertainment Management | 45 | Shorthand* |
| | | 41 | Typing* |
| | | 42 | Any high school certification |
| | | NC+ | + <i>appropriate training approved by the Office of Career and Technology Education</i> |
| 5091 | Marketing work-based credit | 4B | Business/Marketing/Computer Technology |
| | | 43 | Accounting* |
| | | 44 | Accounting and Related Business* |
| | | 48 | Accounting and Related Economics* |
| | | 47 | Business Education* |
| | | 40 | Commerce* |
| | | 46 | Data/Information Processing* |
| | | 32 | Distributive Education* |
| | | 45 | Secretarial Science* |
| | | 41 | Shorthand* |
| | | 42 | Typing* |
| Science, Technology, Engineering and Mathematics | | | |
| 5757 | Food Science and Dietetics 1 | 35 | Family and Consumer Science |
| 5758 | Food Science and Dietetics 2 | | |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|--|---|------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 6050 6051 6052 6053 6054 6056 6057 6058 6090 6096 6372 6373 6374 6375 6376 6377 | Principles of Engineering Introduction to Engineering Design Digital Electronics Computer Integrated Manufacturing Engineering Design and Development Aerospace Engineering Biotechnical Engineering Civil Engineering and Architecture Pre-Engineering/Engineering & Industrial Technology Education, work-based credit Computer Software Engineering Introduction to Computer Science (ICS) Computer Science Applications (CSA) Environmental Sustainability Core Engineering 3 Core Engineering 4 Computer Science Principles (CSP) | NC+ | Bachelor's degree and any high school certification + <i>Project Lead the Way certification</i> <i>Special approval by the Office of Career and Technology Education is required for certified teachers without a bachelor's degree.</i> |
| 6040 6041 | Industrial Technology Education (Exploratory) 1 Industrial Technology Education (Exploratory) 2 | 29 | Industrial Technology Education |
| 6370 6371 6890 | Introduction to Engineering 3D Solid Modeling STEM, work-based credit | NC+ | Bachelor's degree and any high school certification + <i>Satisfactory completion of the STEM Academy Summer Training Institute.</i> |
| 6380 6381 6382 6383 | Clean Energy Systems Clean Energy Applications Clean Energy Strategies Clean Energy Innovations | NC+ | Bachelor's degree and any high school certification + <i>Satisfactory completion of the SREB Clean Energy Summer Institute.</i> |
| Transportation, Distribution and Logistics | | | |
| 6020 6021 6022 6023 | Automotive Collision Repair Technology 1 Automotive Collision Repair Technology 2 Automotive Collision Repair Technology 3 Automotive Collision Repair Technology 4 | AJ | Automotive Collision Repair |
| 6030 6031 6032 6033 | Automotive Technology 1 Automotive Technology 2 Automotive Technology 3 Automotive Technology 4 | AK CA | Automotive Technology Diesel Technology |
| 6310 6311 | Diesel Engine Technology 1 Diesel Engine Technology 2 | AK CA | Automotive Technology Diesel Technology |

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CAREER AND TECHNOLOGY EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | | | |
|---|--|----------------------------------|--|
| Activity Code | Course Title | Cert. Code | Acceptable Certification and Mandatory Attendant Training |
| 6312 6313 | Diesel Engine Technology 3 Diesel Engine Technology 4 | | |
| 6300 6301 6302 6303 | Power Equipment Technology 1 Power Equipment Technology 2 Power Equipment Technology 3 Power Equipment Technology 4 | AK BF AA | Automotive Technology Power Equipment Agricultural Mechanics* |
| 6015 | Transportation, Distribution and Logistics, Introduction to | AJ AK CA 29 BF | Automotive Collision Repair Automotive Technology Diesel Engine Mechanics Industrial Technology Education Small Engine Repair |
| 6790 | Transportation, Distribution and Logistics, work-based credit | 31 AJ AK CA BF AA | Agriculture Mechanics Automotive Collision Repair Automotive Technology Diesel Engine Mechanics Small Engine Repair Agricultural Mechanics* |

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ADULT EDUCATION

| REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION <i>and</i> ALL MANDATORY ATTENDANT TRAINING | |
|---|---|
| Course Title | Acceptable Certification and Mandatory Attendant Training |
| High school credit bearing courses | Appropriate high school certification in area in which credit will be awarded |
| High School Equivalency Basic Skills English as a Second Language Literacy | Educator must hold a valid South Carolina teaching certificate. |

*Certificate area, though no longer issued, is acceptable so long as the educator's credential has a current validity period.

| Certification Codes: Alphabetical Listing | |
|---|-----------|
| Accounting and Related Business* | 44 |
| Accounting and Related Economics* | 48 |
| Accounting* | 43 |
| Administrator* | 7A |
| Advanced Fine Arts | 49 |
| Agricultural Mechanics | AA |
| Agriculture | 30 |
| Agriculture Mechanics | 31 |
| Environmental Control Systems (HVAC) <i>previously Air Conditioning and Refrigeration</i> | AG |
| American Sign Language | 94 |
| Animal Science | 34 |
| Appliance Repair | AH |
| Art | 50 |
| Associate Guidance—Secondary* | 88 |
| Attendance Supervisor* | 75 |
| Automotive Collision Repair <i>previously Auto Body and Fender</i> | AJ |
| Automotive Technology <i>previously Auto Mechanics</i> | AK |
| Barbering | BP |
| Biology | 14 |
| Brick Masonry | AL |
| Carpentry <i>previously Building Construction</i> | AM |
| Business /Marketing /Computer Technology | 4B |
| Business Education* | 47 |
| Business Machine Repair* | AN |
| Cabinetmaking | AP |
| Chemistry | 15 |
| Child Care Services* | EA |
| Chinese | 5D |
| Clothing Design and Construction Services | EB |
| Commerce* | 40 |
| Commercial Art | BN |
| Computer Science | 79 |
| Culinary Arts <i>previously Commercial Cooking</i> | AQ |
| Commercial Photography* | AR |
| Computer Programming | 4A |
| Cooperative Training* | BL |
| Cosmetology | AT |
| Criminal Justice | DA |
| Dance | 58 |
| Data Processing* | CG |
| Data/Information Processing* | 46 |
| Dental Laboratory Technician* | CF |
| Diesel Mechanics | CA |

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| Certification Codes: Alphabetical Listing | |
|---|----|
| Distributive Education* | 32 |
| Diversified Education* | 33 |
| Drafting | AU |
| Driver Training | 63 |
| Early Childhood | 85 |
| Early Childhood Special Education | 2K |
| Earth Science* | 17 |
| Economics | 23 |
| Education Evaluator* | 87 |
| Electricity | AV |
| Electronics | AW |
| Elementary | 01 |
| Elementary Principal Tier I | 7B |
| Elementary Principal Tier II | 7D |
| Elementary Principal* | 71 |
| Elementary Supervisor* | 73 |
| English | 04 |
| English as a Second Language | 5A |
| Entertainment Technology | DE |
| Environmental Science and Natural Resources | 37 |
| Family and Consumer Science | 35 |
| Fire Services | DD |
| Forestry | 38 |
| French | 05 |
| General Mathematics* | 11 |
| General Science* | 13 |
| Geography | 24 |
| German | 08 |
| Gifted and Talented—add-on certification | 8A |
| Gifted and Talented—endorsement | GT |
| Government | 25 |
| Graphic Communications | AX |
| Guidance—Elementary | 86 |
| Guidance—Secondary | 89 |
| Guidance—Secondary Advanced* | 90 |
| Health | 64 |
| Health and Physical Education part-time* | 66 |
| Health and Physical Education* | 65 |
| Health Science Technology <i>previously Health Occupations</i> | AC |
| Heavy Equipment Mechanic* | CE |
| Heavy Equipment Operator | CD |
| History | 21 |

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| Certification Codes: Alphabetical Listing | |
|--|----|
| Horticulture | 39 |
| Hospitality and Tourism | EC |
| Industrial Arts* | 36 |
| Industrial Maintenance Mechanics | CB |
| Industrial Sewing* | AY |
| Industrial Technology Education | 29 |
| Information Technology— Programming | ED |
| Information Technology—Networking | EE |
| Japanese | 5B |
| Latin | 06 |
| Law Enforcement | LE |
| Literacy Coach | 5E |
| Literacy Specialist | 5F |
| Literacy Teacher | 5G |
| Machine Tool Technology <i>previously Machine Shop</i> | BA |
| Marine Biology* | 3A |
| Marine Engine Repair | CC |
| Mathematics | 10 |
| Mechanical Drawing* | AF |
| Media Communications Specialist* | 62 |
| Media Specialist | 60 |
| Media Supervisor* | 59 |
| Media Technology | DC |
| Middle School Language Arts* | 1A |
| Middle School Mathematics* | 1B |
| Middle School Science* | 1C |
| Middle School Social Studies* | 1D |
| Middle-Level Language Arts | 1E |
| Middle-Level Mathematics | 1F |
| Middle-Level Science | 1G |
| Middle-Level Social Studies | 1H |
| Montessori—Early Childhood Education | 8B |
| Montessori—Elementary I | 8C |
| Montessori—Elementary II | 8D |
| Montessori—Middle Level Language Arts | 8E |
| Montessori—Middle Level Math | 8F |
| Montessori—Middle Level Science | 8G |
| Montessori—Middle Level Social Studies | 8H |
| Music Education—Choral | 51 |
| Music Education—Instrumental | 54 |
| Music Education—Piano | 52 |
| Music Education—Violin | 56 |
| Music Education—Voice | 53 |

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| Certification Codes: Alphabetical Listing | |
|--|----|
| Nail Technology | EG |
| Online Teaching | 4C |
| Painting and Decorating* | BB |
| Physical Education | 67 |
| Physics | 16 |
| Plumbing | BC |
| Prevocational* | BM |
| Protective Services | DB |
| Psychology | 26 |
| Radio and TV Repair* | BD |
| Reading Clinician* | 83 |
| Reading Consultant* | 81 |
| Reading Coordinator or Director* | 82 |
| Reading Teacher* | 80 |
| Russian | 09 |
| School Psychologist I | 69 |
| School Psychologist II | 84 |
| School Psychologist III | 78 |
| School Social Worker I* | 93 |
| School Social Worker II* | 92 |
| School Social Worker III* | 91 |
| Science | 12 |
| Secondary Principal Tier I | 7C |
| Secondary Principal Tier II | 7E |
| Secondary Principal* | 72 |
| Secondary Supervisor* | 74 |
| Secretarial Science* | 45 |
| Sheet Metal | BE |
| Shoe Repair* | BQ |
| Shorthand* | 41 |
| Small Engine Repair | BF |
| Social Studies | 20 |
| Sociology | 27 |
| Spanish | 07 |
| Special Education —Blind and Visually Impaired | 2B |
| Special Education —Early Childhood Ed. | 2K |
| Special Education —Educable Mentally Disabled* | 2A |
| Special Education —Education of Deaf and Hard of Hearing | 2D |
| Special Education —Emotional Disabilities | 2E |
| Special Education —Generic Special Education* | 02 |
| Special Education —Intellectual Disabilities | 2H |
| Special Education —Learning Disabilities | 2G |
| Special Education —Multi-categorical | 2I |

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| Certification Codes: Alphabetical Listing | |
|--|----|
| Special Education —Orthopedically Impaired* | 2F |
| Special Education —Severe Disabilities | 2J |
| Special Education —Trainable Mentally Disabled* | 2C |
| Speech-Language Therapist | 03 |
| Superintendent | 70 |
| Tailoring* | BG |
| Teacher-Librarian* | 61 |
| Textile* | BH |
| Theater | 5C |
| Tilesetting* | BJ |
| Typing* | 42 |
| Vocational Center Director | 76 |
| Welding | BK |

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| Certification Codes: Alphanumerical Listing | |
|---|--|
| 01 | Elementary |
| 02 | Special Education—Generic Special Education* |
| 03 | Speech-Language Therapist |
| 04 | English |
| 05 | French |
| 06 | Latin |
| 07 | Spanish |
| 08 | German |
| 09 | Russian |
| 10 | Mathematics |
| 11 | General Mathematics* |
| 12 | Science |
| 13 | General Science* |
| 14 | Biology |
| 15 | Chemistry |
| 16 | Physics |
| 17 | Earth Science* |
| 1A | Middle School Language Arts* |
| 1B | Middle School Mathematics* |
| 1C | Middle School Science* |
| 1D | Middle School Social Studies* |
| 1E | Middle-Level Language Arts |
| 1F | Middle-Level Mathematics |
| 1G | Middle-Level Science |
| 1H | Middle-Level Social Studies |
| 20 | Social Studies |
| 21 | History |
| 23 | Economics |
| 24 | Geography |
| 25 | Government |
| 26 | Psychology |
| 27 | Sociology |
| 29 | Industrial Technology Education |
| 2A | Special Education—Educable Mentally Disabled* |
| 2B | Special Education —Blind and Visually Impaired |
| 2C | Special Education —Trainable Mentally Disabled* |
| 2D | Special Education —Education of Deaf and Hard of Hearing |
| 2E | Special Education —Emotional Disabilities |
| 2F | Special Education —Orthopedically Impaired* |
| 2G | Special Education —Learning Disabilities |
| 2H | Special Education —Intellectual Disabilities |

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| Certification Codes: Alphanumeric Listing | |
|--|---|
| 2I | Special Education —Multi-categorical |
| 2J | Special Education —Severe Disabilities |
| 2K | Early Childhood Special Education |
| 30 | Agriculture |
| 31 | Agriculture Mechanics |
| 32 | Distributive Education* |
| 33 | Diversified Education* |
| 34 | Animal Science |
| 35 | Family and Consumer Science |
| 36 | Industrial Arts* |
| 37 | Environmental Science and Natural Resources |
| 38 | Forestry |
| 39 | Horticulture |
| 3A | Marine Biology* |
| 40 | Commerce* |
| 41 | Shorthand* |
| 42 | Typing* |
| 43 | Accounting* |
| 44 | Accounting and Related Business* |
| 45 | Secretarial Science* |
| 46 | Data/Information Processing* |
| 47 | Business Education* |
| 48 | Accounting and Related Economics* |
| 49 | Advanced Fine Arts |
| 4A | Computer Programming |
| 4B | Business/Marketing/Computer Technology |
| 4C | Online Teaching |
| 50 | Art |
| 51 | Music Education—Choral |
| 52 | Music Education—Piano |
| 53 | Music Education—Voice |
| 54 | Music Education—Instrumental |
| 56 | Music Education—Violin |
| 58 | Dance |
| 59 | Media Supervisor* |
| 5A | English as a Second Language |
| 5B | Japanese |
| 5C | Theater |
| 5D | Chinese |
| 5E | Literacy Coach |
| 5F | Literacy Specialist |
| 5G | Literacy Teacher |
| 60 | Media Specialist |

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| Certification Codes: Alphanumeric Listing | |
|---|--|
| 61 | Teacher-Librarian* |
| 62 | Media Communications Specialist* |
| 63 | Driver Training |
| 64 | Health |
| 65 | Health and Physical Education* |
| 66 | Health and Physical Education part-time* |
| 67 | Physical Education |
| 69 | School Psychologist I |
| 70 | Superintendent |
| 71 | Elementary Principal* |
| 72 | Secondary Principal* |
| 73 | Elementary Supervisor* |
| 74 | Secondary Supervisor* |
| 75 | Attendance Supervisor* |
| 76 | Vocational Center Director |
| 78 | School Psychologist III |
| 79 | Computer Science |
| 7A | Administrator* |
| 7B | Elementary Principal Tier I |
| 7C | Secondary Principal Tier I |
| 7D | Elementary Principal Tier II |
| 7E | Secondary Principal Tier II |
| 80 | Reading Teacher* |
| 81 | Reading Consultant* |
| 82 | Reading Coordinator or Director* |
| 83 | Reading Clinician* |
| 84 | School Psychologist II |
| 85 | Early Childhood |
| 86 | Guidance—Elementary |
| 87 | Education Evaluator* |
| 88 | Associate Guidance—Secondary* |
| 89 | Guidance—Secondary |
| 8A | Gifted and Talented (add-on certification) |
| 8B | Montessori—Early Childhood Education |
| 8C | Montessori—Elementary I |
| 8D | Montessori—Elementary II |
| 8E | Montessori—Middle Level Language Arts |
| 8F | Montessori—Middle Level Math |
| 8G | Montessori—Middle Level Science |
| 8H | Montessori—Middle Level Social Studies |
| 90 | Guidance—Secondary Advanced* |
| 91 | School Social Worker III* |

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| Certification Codes: Alphanumeric Listing | |
|---|---|
| 92 | School Social Worker II* |
| 93 | School Social Worker I* |
| 94 | American Sign Language |
| AA | Agricultural Mechanics |
| AC | Health Science Technology (new name) <i>previously Health Occupations</i> |
| AF | Mechanical Drawing* |
| AG | Environmental Control Systems (HVAC) <i>previously Air Conditioning and Refrigeration</i> |
| AH | Appliance Repair |
| AJ | Automotive Collision Repair <i>previously Auto Body and Fender</i> |
| AK | Automotive Technology <i>previously Auto Mechanics</i> |
| AL | Brick Masonry |
| AM | Carpentry <i>previously Building Construction</i> |
| AN | Business Machine Repair* |
| AP | Cabinetmaking |
| AQ | Culinary Arts <i>previously Commercial Cooking</i> |
| AR | Commercial Photography* |
| AT | Cosmetology |
| AU | Drafting |
| AV | Electricity |
| AW | Electronics |
| AX | Graphic Communications |
| AY | Industrial Sewing* |
| BA | Machine Tool Technology <i>previously Machine Shop</i> |
| BB | Painting and Decorating* |
| BC | Plumbing |
| BD | Radio and TV Repair* |
| BE | Sheet Metal |
| BF | Small Engine Repair |
| BG | Tailoring* |
| BH | Textile* |
| BJ | Tilesetting* |
| BK | Welding |
| BL | Cooperative Training* |
| BM | Prevocational* |
| BN | Commercial Art |
| BP | Barbering |
| BQ | Shoe Repair* |
| CA | Diesel Mechanics |
| CB | Industrial Maintenance Mechanics |
| CC | Marine Engine Repair |
| CD | Heavy Equipment Operator |
| CE | Heavy Equipment Mechanic* |
| CF | Dental Laboratory Technician* |

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| Certification Codes: Alphanumerical Listing | |
|--|---|
| CG | Data Processing* |
| DA | Criminal Justice |
| DB | Protective Services |
| DC | Media Technology |
| DD | Fire Services |
| DE | Entertainment Technology |
| EA* | Child Care Services |
| EB | Clothing Design and Construction Services |
| EC | Hospitality and Tourism |
| ED | Information Technology— Programming |
| EE | Information Technology—Networking |
| EG | Nail Technology |
| GT | Gifted and Talented (endorsement) |
| LE | Law Enforcement |

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