

**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 **2016-17** 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 \(SIS\) 2016-2017](#), 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.

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 2016-17 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.

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 1.76 Middle School Staffing	Proviso 1.76 allows educators certified in a high school content area to teach the same content area in seventh or eighth grade.
Proviso 1.90 Highly Qualified Teacher	Proviso 1.90 Teacher certification requirements for highly qualified educators aligned to No Child Left Behind are suspended. The department shall report to the General Assembly by February 1, 2017, 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 <i>+ successful completion of the SCDE Office of School Leadership's Institute for District Administrators prior to or within two years of assignment</i> 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 <i>+ one of the following:</i> Elementary Principal Tier I Elementary Principal Tier II

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

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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 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 + <i>successful completion of the SCDE Office of School Leadership's Institute for District Administrators prior to or within two years of assignment</i> Elementary Principal* Elementary Supervisor* Secondary Principal* Secondary Supervisor*
Supervisor, Elementary Education	7B 7D 70 NC+ 71 73	Elementary Principal Tier I Elementary Principal Tier II Superintendent 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> Elementary Principal* Elementary Supervisor*
Supervisor, Secondary Education	7C 7E 70 NC+ 72 74	Secondary Principal Tier I Secondary Principal Tier II Superintendent 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> Secondary Principal* 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		
<p>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.</p>		
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

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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		
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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*

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ALL DISTRICT CONSULTANTS, CURRICULUM SPECIALISTS, AND COORDINATORS

REQUIRED CREDENTIALS District Level Staff Members Required to Hold a Master's Degree		
<p>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.</p>		
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*
<i>Administrative Assistant or Administrative Assistant Principal</i>	7B 7D <i>85+</i> <i>01+</i> <i>NC+</i> 71 73	Elementary Principal Tier I Elementary Principal Tier II <i>Early Childhood</i> <i>Elementary</i> <i>Any Pre-K/K-12 certification</i> 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*
<i>Administrative Assistant or Administrative Assistant Principal</i>	7B 7D <i>85+</i> <i>01+</i> <i>NC+</i> 71 73	Elementary Principal Tier I Elementary Principal Tier II <i>Early Childhood</i> <i>Elementary</i> <i>Any Pre-K/K-12 certification</i> Elementary Principal* Elementary Supervisor* <i>+ acceptance to and enrollment in an approved Elementary Principal certification program</i>

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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*
<i>Administrative Assistant or Administrative Assistant Principal</i>	7B 7D 7C 7E <i>01+</i> <i>NC+</i> <i>NC+</i> <i>NC+</i> 71 73 72 74	Elementary Principal Tier I Elementary Principal Tier II Secondary Principal Tier I Secondary Principal Tier II <i>Elementary</i> <i>Any Pre-K/K-12 certification</i> <i>Any high school certification</i> <i>Any CATE certification</i> 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*

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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* + acceptance to and enrollment in an approved Secondary Principal certification program
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 03 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 Speech-Language Therapist (No longer acceptable beginning 2017-18) 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*

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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*

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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
<p>Early Childhood Special Education (Ages 3 – 5)</p>	<p>2K 85+ 2D 2E 2G 2H 2I 2J 2C 2A 02</p>	<p>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></p>

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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
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+	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
	NC+	A valid SC certificate in the target World Language + a passing score on the Praxis examination for Elementary Education
Grades 4–6		
Self-Contained	01	Elementary
Grades 4 – 6, Montessori, Self-Contained	01	Elementary (Montessori Upper Elementary Level training is encouraged by the SEA and LEAs.)
	8D	Montessori—Elementary II (Grades 4-6)
Departmentalized Grades 2–6		
Grade 6, Montessori, Departmentalized	01	Elementary
	NC	Middle-level content area certification (Montessori Middle training is encouraged by the SEA and LEAs.)
	8D	Montessori—Elementary II (Grades 4-6)
English Language Arts ELA Assistance Transitional English	01	Elementary
	1E	Middle-Level Language Arts (Grades 5 & 6)
	5E	Literacy Coach
	5G	Literacy Teacher
	5F	Literacy Specialist
	1A	Middle School Language Arts* (Grades 5& 6)
	83	Reading Clinician*
	81	Reading Consultant*
82	Reading Coordinator or Director*	
	80	Reading Teacher*

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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
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
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

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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 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*
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

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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
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 + at least one course in choral music or voice
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 + at least one course in instrumental music or band
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 + at least one course in instrumental music, orchestra, or strings
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*

*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 and ALL MANDATORY ATTENDANT TRAINING		
Program Area	Cert. Code	Acceptable Certification and Mandatory Attendant Training
Special Areas, Grade 6		
Practical Arts/Crafts	50 49	Art Advanced Fine Arts (Art)
Career Clusters, Introduction to <i>NOTE: Beginning with the 2015-16 school year, GCDF certification alone is not acceptable for individuals teaching this course.</i>	NC+	any certification <i>with approval from the Office of Career and Technology Education (OCTE)</i> + GCDF certification
Industrial Technology Education	29	Industrial Technology Education
Exploratory Family and Consumer Sciences	35	Family and Consumer Science
Introduction to Agriculture	30	Agriculture
Keyboarding General Technology	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*

*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 1.76 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. During 2016-17, the SCDE will work with Educational Testing Service (ETS) to conduct an alignment study of the middle level content area examinations with South Carolina academic standards for English I, Algebra I, and Geometry.

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>

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GRADES 7–8

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

Proviso 1.76 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. During 2016-17, the SCDE will work with Educational Testing Service (ETS) to conduct an alignment study of the middle level content area examinations with South Carolina academic standards for English I, Algebra I, and Geometry.

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*

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GRADES 7–8

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

Proviso 1.76 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. During 2016-17, the SCDE will work with Educational Testing Service (ETS) to conduct an alignment study of the middle level content area examinations with South Carolina academic standards for English I, Algebra I, and Geometry.

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

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GRADES 7–8

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

Proviso 1.76 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. During 2016-17, the SCDE will work with Educational Testing Service (ETS) to conduct an alignment study of the middle level content area examinations with South Carolina academic standards for English I, Algebra I, and Geometry.

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+	Any certification <i>with approval from the Office of Career and Technology Education (OCTE) + GCDF certification</i>

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GRADES 7–8

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

Proviso 1.76 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. During 2016-17, the SCDE will work with Educational Testing Service (ETS) to conduct an alignment study of the middle level content area examinations with South Carolina academic standards for English I, Algebra I, and Geometry.

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
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*

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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
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

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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
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 <i>+AP endorsement in the course</i>
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 <i>+ IB training in the specific subject</i>
3050 3051	Journalism 1 Journalism 2	04	English
3053 3054 3055 3056	Newspaper Production 1 Newspaper Production 2 Yearbook Production 1 Yearbook Production 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	Secondary Literacy Secondary Literacy 2 Secondary Literacy 3	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>
3671	AP French Language	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
3672	AP French Literature		+ <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 <i>IB Spanish B SL Seminar</i> <i>IB Spanish Ab initio SL Seminar</i>	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

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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
	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>

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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+ 13 65 66	Science Health Physical Education Health Science Technology with minimum bachelor's degree in a health-related field (industry certification preferred) General Science* Health and Physical Education* 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 + AP endorsement in the course

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GRADES 9–12

REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION and ALL MANDATORY ATTENDANT TRAINING			
Activity Code	Course Title	Cert. Code	Acceptable Certification and Mandatory Attendant Training
4135 4142	Calculus Discrete Mathematics	10	Mathematics
3156 3157	Accelerated Mathematics 2 <i>(last year taught will be 2016-17)</i> Accelerated Mathematics 3 <i>(last year taught will be 2017-18)</i>	10	Mathematics
3150 3152	Fundamentals of Mathematics 2 <i>(last year taught will be 2016-17)</i> Fundamentals of Mathematics 3 <i>(last year taught will be 2016-17)</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 <i>Mathematics SL</i> <i>Mathematics Studies Seminar</i> <i>Mathematics SL Seminar</i>	10+	Mathematics + <i>IB training in the specific subject</i>
3143 3144	<i>Mathematics for the Technologies 3</i> <i>(last year taught will be 2016-17)</i> <i>Mathematics for the Technologies 4</i> <i>(last year taught will be 2017-18)</i>	10+	Mathematics + <i>contextual methodology training in the subject area</i>
4141 4131	Probability and Statistics Precalculus	10	Mathematics
4150 4125	SAT Mathematics Preparation <i>ACT Mathematics Preparation</i>	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>

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GRADES 9–12

REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION and 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 and 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 (+) IB training in the specific subject
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 + IB training in the specific subject
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

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GRADES 9–12

REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION and 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 + IB training in the specific subject
322E	IB Sports, Exercise, and Health	12+ AC+	12 Science Health Science Technology with minimum bachelor's degree in a health or science-related field (industry certification preferred) + IB training in the specific subject
Social Studies			
3378	AP Comparative Government	25+ 20+	Government Social Studies + AP endorsement in the course
3376	AP European History	21+ 20+	History Social Studies + AP endorsement in the course
3379	AP Human Geography	24+ 21+ 20+	Geography History Social Studies + AP endorsement in the course
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* + AP endorsement in the course
4371	AP Psychology	26+ 20+	Psychology Social Studies + AP endorsement in the course
3373	AP U.S. Government	25+ 20+	Government Social Studies + AP endorsement in the course

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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 + IB training in the specific subject
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 + IB training in the specific subject
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 + IB training in the specific subject
338D 338E 338F	Social Anthropology SL Social Anthropology HL-1 Social Anthropology HL-2	20+	Social Studies + IB training in the specific subject
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	Instrumental Music: Piano Rehearsal Instrumental Music: Piano Instrumental Music: Piano 2 Instrumental Music: Piano 3 Instrumental Music: Piano 4	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>

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CAREER AND TECHNOLOGY EDUCATION

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

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

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CAREER AND TECHNOLOGY EDUCATION**REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION *and*
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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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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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	Media Technology 1 Media Technology 2	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>
6172 6173	Mechanical Design 1 Mechanical Design 2	AU	Drafting

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CAREER AND TECHNOLOGY EDUCATION**REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION *and*
ALL MANDATORY ATTENDANT TRAINING**

Activity Code	Course Title	Cert. Code	Acceptable Certification and Mandatory Attendant Training	
Business Management and Administration				
5122	Administrative Support Technology	4B	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*	
5044	Business Law			
5490	Business, Management, and Administration, work-based credit	43 44		
5092	Business Principles and Management	48		
5008	Computer Applications	47		
5180	Digital Technologies	40		
5181	Digital Literacy	46		
5030	Digital Multimedia	32		
5041	Essential Communications	45		
5090	Fundamentals of Business, Marketing and Finance	41 42		
5480	Fundamentals of Project Management			
5007	Google Applications			
5011	Google Basics			
5093	Human Resource Management			
5020	Integrated Business Applications 1			
5021	Integrated Business Applications 2			
5032	Global Business			
5100	Keyboarding			
5482	Logistics and Business Processes			
5010	Multimedia Basics	4B		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*
5178	Professional and Leadership Development			
5034	Social Media in Business	43		
5150	Virtual Enterprise 1	44		
5151	Virtual Enterprise 2	48		
5152	Virtual Enterprise 3	47		
5153	Virtual Enterprise 4	40		
		46		
		32		
		45		

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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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**REQUIRED CREDENTIALS: ACCEPTABLE CERTIFICATION *and*
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 <i>Any high school certification + additional training and experience approved by the Office of Career and Technology Education</i>
5533	Emergency Medical Services 3	AC+ NC+	Health Science Technology <i>Any high school certification + 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 <i>Any high school certification + additional training and experience approved by the Office of Career and Technology Education</i>

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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 + additional training and experience approved by the Office of Career and Technology Education
5520	Practical Nursing	AC+ NC+	Health Science Technology Any high school certification + S.C. Board of Nursing registered nurse (RN) licensure
5555 5556 5591	Sports Medicine 1 Sports Medicine 2 Sports Medicine, work-based credit	AC NC+	Health Science Technology Any high school certification + state athletic trainer certification
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 + additional courses or training approved by the Office of Career and Technology Education
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 41 42	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* Shorthand* Typing* + additional training or courses approved by the Office of Career and Technology Education

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

Activity Code	Course Title	Cert. Code	Acceptable Certification and Mandatory Attendant Training
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 6157	Nail Technology 1 Nail Technology 2 Nail Technology 3 Nail Technology 4	EG AT BP+	Nail Technology Cosmetology Barbering + <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>

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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
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 41 42 11	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* Shorthand* Typing* General Mathematics* + <i>additional training or courses 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
5025	IT Fundamentals	AW EH+ ED+ NC+	Electronics Information Technology Information Technology – Programming Any high school certification + additional training or courses approved by the Office of Career and Technology Education
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 + additional training or courses approved by the Office of Career and Technology Education
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 + appropriate training approved by the Office of Career and Technology Education

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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* <i>Information Technology</i> <i>Information Technology – Programming</i> <i>Any high school certification</i> <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 <i>Information Technology</i> <i>Information Technology – Programming</i> <i>Any high school certification</i> 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* <i>Information Technology or Information Technology – Programming Any high school certification + 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 <i>Any high school certification</i> 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 + industry certification (e.g., CIW Certified Internet Webmaster or ACA Adobe Certified Associate-Educator)
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	DA DB DD	Criminal Justice* Law Enforcement Services Emergency and Fire Management Services
6514 6515	Firefighter 1 Firefighter 2	DD+	Emergency and Fire Management Services + instructor authorization from the South Carolina Fire Academy and SCFA certification in the course
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. approval by the Office of Career and Technology Education, 2. Mechatronics summer training (two sessions required), and 3. Mechatronics teacher industry certification.
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		
5422	Digital Media Marketing	43	Accounting*
5421	Marketing	44	Accounting and Related Business*
5431	Marketing Management	48	Accounting and Related Economics*
5423	Marketing Research	47	Business Education*
5430	Merchandising	40	Commerce*
5471	Professional Sales	46	Data/Information Processing*
5426	Sports and Entertainment Marketing	32	Distributive Education*
5427	Sports and Entertainment Management	45	Secretarial Science*
		41	Shorthand*
		42	Typing*
		NC+	Any high school certification + appropriate training approved by the Office of Career and Technology Education
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 *and*
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 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) Computer Science Principles (CSP)	NC+	Baccalaureate and any high school certification + <i>Project Lead the Way certification 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+	Baccalaureate and any high school certification + <i>Satisfactory completion of the STEM Academy Summer Training Institute.</i>
6380 6381	Clean Energy Systems Clean Energy Applications	NC+	Baccalaureate 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 6312 6313	Diesel Engine Technology 1 Diesel Engine Technology 2 Diesel Engine Technology 3 Diesel Engine Technology 4	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
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 host a valid South Carolina teaching certificate.

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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
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
Distributive Education*	32

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Certification Codes: Alphabetical Listing	
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
Horticulture	39

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Certification Codes: Alphabetical Listing	
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
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
Nail Technology	EG
Online Teaching	4C

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Certification Codes: Alphabetical Listing	
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
Special Education —Orthopedically Impaired*	2F
Special Education —Severe Disabilities	2J

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Certification Codes: Alphabetical Listing	
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: Numerical 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: Numerical 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: Numerical 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
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*
92	School Social Worker II*

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Certification Codes: Numerical Listing	
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	Typesetting*
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*
CG	Data Processing*

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Certification Codes: Numerical Listing	
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)

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