



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM

Peter Hans

President

June 7, 2019

MEMORANDUM

To: Presidents
Chief Academic Officers

From: Wesley Beddard, Associate Vice President, Programs

Subject: Curriculum Course Review Committee Course Approvals

The Curriculum Course Review Committee (CCRC) has the responsibility for maintaining the curriculum courses in the *Combined Course Library* (CCL). The approved course requests from the Spring 2019 CCRC meeting, held on May 23, 2019, are attached for your information. *Course revisions may involve the removal of required prerequisites or corequisites. Please note that colleges may add local prerequisites and/or corequisites if they determine a need exists.*

Course Revision Impact to Curriculum Standards

The CCRC approved requests to revise the **course description, prerequisite(s), corequisite(s), outcomes, and/or class/lab hours** of core courses found on the curriculum standards listed below. Please note that the only change indicated on the printed standard will be the inclusion of the statement “*CCRC Revised-Electronic Only 5/23/19*”, since only the electronic version of the standard in Colleague will be revised.

Digital Media Technology (A25210)
Early Childhood Administration (Certificate) (C55850)
Early Childhood Education (A55220)
Early Childhood Preschool (Certificate) (C55860)
Infant/Toddler Care (Certificate) (C55290)
Information Technology (A25590)
Lateral Entry (Certificate) (A55430)
Occupational Education Associate (A55320)
Pharmacy Technology (A45580)
School-Age Care (Certificate) (C55450)
School-Age Education (A55440)

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The State Board of Community Colleges has delegated authority to the Senior Vice President to approve curriculum standard changes involving **core course title and/or credit hour changes** resulting from CCRC action. The standards listed below have been revised as a result of CCRC approved changes to the credit hours of a core course.

Basic Law Enforcement Training (Certificate) (C55120)
Public Safety Administration (A55480)

Please be aware that you must implement the attached revised courses and standards no later than one year after the effective term. You must update your college's electronic program of study and receive approval from the System Office *prior* to implementation of the revised courses and programs.

Curriculum standards, curriculum courses, and procedures for submitting requests to the CCRC are available on the Academic Programs home page at:

<http://www.nccommunitycolleges.edu/academic-programs>

If you need assistance or clarification concerning CCRC action, please contact Dr. Lisa Eads, Director of Academic Programs at eadsl@nccommunitycolleges.edu or (919) 807-7133.

WB/dm

Attachments

c: Curriculum Course Review Committee
Mr. Wesley Beddard
Dr. Lisa Eads
Program Coordinators

Curriculum Course Requests Approved By the Curriculum Course Review Committee (CCRC)

May 23, 2019

Course Prefix	Course Title	Approved Request	Effective Semester	Curriculum Standard Core Course
CJC 100	Basic Law Enforcement Training	Change course number from "CJC 100" to "CJC 110", Change course title from "Basic Law Enforcement Training" to "Basic Law Enforcement BLET", Change course description	Early Implement Fall 2019	Basic Law Enforcement Training (C55120)
CJC 240	Law Enfor Mgt. & Supervis	Change prerequisite from "BUS 253" to "None"	Early Implement Fall 2019	Public Safety Administration (A55480)
DES 138	Space Planning	New Course	Summer 2019	NA
DME 120	Intro to Multimedia Appl	Change prerequisite from "DME 110" to "None"	Early Implement Fall 2019	Digital Media Technology (A25210) Information Technology (A25590)
DME 140	Intro to Audio/Video Media	Change prerequisite from "DME 110" to "None"	Early Implement Fall 2019	NA
DME 210	User Interface Design	Change prerequisite from "DME 110" to "None"	Early Implement Fall 2019	NA

EDU 114	Intro to Family Childcare	Change Prerequisites from "Take One Set: Set 1: DMA-010, DMA-020, and DMA-030 Set 2: DMA-025 Set 3: MAT-003" to "None" Change Corequisites from "Take One: DRE-097, ENG 002, or ENG 111" to "None"	Fall 2020	NA
EDU 118	Princ and Prac of Instr Asst	Change Corequisites from Take One: DRE-097, ENG 002, or ENG 111 to None	Fall 2020	School-Age Education (A55440)
EDU 125	Sign Language for Educators	Change corequisite from "Take one: DRE-097, ENG- 002, ENG-111" to "None"	Fall 2020	NA
EDU 126	Early Childhood Seminar 1	Change corequisite from "Take one: DRE-097, ENG- 002, ENG-111" to "None"	Fall 2020	NA
EDU 131	Child, Family and Community	Change corequisite from "Take one: DRE-097, ENG- 002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); Infant/Toddler Care (Certificate) (C55290); Lateral Entry (Certificate) (C55430); School- Age Care (Certificate) (C55450); School-Age Education (A55440); Early Childhood Preschool (Certificate) C55860; Early Childhood Administration (Certificate) C55850
EDU 144	Child Development I	Change corequisite from "Take one: DRE-097, ENG- 002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); Infant/Toddler Care (Certificate) (C55290); School-Age Education (A55440)

EDU 145	Child Development II	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); School-Age Care (Certificate) (C55450); School-Age Education (A55440); Early Childhood Preschool (Certificate) C55860
EDU 131A	Child, Family and Community Lab	Change corequisite from "Take One Set: Set 1: EDU-131 and DRE-097 Set 2: EDU-131 and ENG-002 Set 3: EDU-131 and ENG-111" to "Take EDU 131"	Fall 2020	NA
EDU 144	Child Development I	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); Infant/Toddler Care (Certificate) (C55290); School-Age Education (A55440)
EDU 145	Child Development II	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); School-Age Care (Certificate) (C55450); School-Age Education (A55440); Early Childhood Preschool (Certificate) C55860
EDU 146	Child Guidance	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); School-Age Care (Certificate) (C55450); Early Childhood Preschool (Certificate) C55860
EDU 151	Creative Activities	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220)

EDU 151A	Creative Activities Lab	Change corequisite from "Take One Set: Set 1: EDU-151 and DRE-097 Set 2: EDU-151 and ENG-002 Set 3: EDU-151 and ENG-111" to "Take EDU 151"	Fall 2020	NA
EDU 152	Music, Movement, and Language	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 152A	Music, Mov, & Lang Lab	Change corequisite from "Take One Set: Set 1: EDU-152 and DRE-097 Set 2: EDU-152 and ENG-002 Set 3: EDU-152 and ENG-111" to "Take EDU 152"	Fall 2020	NA
EDU 153	Health, Safety, and Nutrition	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); Infant/Toddler Care (Certificate) (C55290); Early Childhood Administration (Certificate) C55850; Early Childhood Preschool (Certificate) C55860
EDU 153A	Health, Safety, and Nutrition Lab	Change corequisite from "Take One Set: Set 1: EDU-153 and DRE-097 Set 2: EDU-153 and ENG-002 Set 3: EDU-153 and ENG-111" to "Take EDU 153"	Fall 2020	NA
EDU 154	Social/Emotion/Behav Dev	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 157	Active Play	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA

EDU 158	Healthy Lifesyles Youth	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	School-Age Care (Certificate) (C55450)
EDU 161	Intro to Exceptional Child	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	School-Age Care (Certificate) (C55450)
EDU 162	Observ & Assess in ECE	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 163	Classroom Mgmt and Instruction	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Lateral Entry (Certificate) (C55430); School-Age Care (Certificate) (C55450); School-Age Education (A55440)
EDU 171	Instructional Media	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 173	Becoming a Prof'l in ECE	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 175	Intro to Trade & Industri	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Occupational Education Associate (A55320)
EDU 176	Occ Anaylsis & Course Dev	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Occupational Education Associate (A55320)
EDU 177	Instructional Methods	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Occupational Education Associate (A55320)
EDU 178	Facilities Org & Planning	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 179	Vocational Student Organ.	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	Occupational Education Associate (A55320)

EDU 184	Early Child Intro Pract	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 185	Cognitive & Language Act	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 185A	Cognitive & Language Act Lab	Change corequisite from "Take One Set: Set 1: EDU-185 and DRE-097 Set 2: EDU-185 and ENG-002 Set 3: EDU-185 and ENG-111" to "Take EDU 185"	Fall 2020	NA
EDU 188	Issues in Early Childhood Ed	Change corequisite from "Take one: DRE-097, ENG-002, ENG-111" to "None"	Fall 2020	NA
EDU 214	Early Child Interm Pract	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 216	Foundations of Education	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); School-Age Education (A55440)
EDU 220	Prog Poll in Early Interv	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 221	Children with Exeptionalities	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); School-Age Education (A55440)
EDU 222	Learners w/ Behavior Disorders	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 223	Specific Learning Disab	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA

EDU 234	Infants, Toddlers, and Twos	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220); Infant/Toddler Care (Certificate) (C55290)
EDU 234A	Infants, Toddlers, and Twos Lab	Change corequisite from "Take One Set: Set 1: EDU-234 and DRE-098 Set 2: EDU-234 and ENG-002 Set 3: EDU-234 and ENG-111" to "Take EDU 234"	Fall 2020	NA
EDU 235	School-Age Develop & Programs	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	School-Age Care (Certificate) (C55450)
EDU 240	Wk-Based Lrning Prac & Te	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Occupational Education Associate (A55320)
EDU 243	Learning Theory	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Lateral Entry (Certificate) (C55430)
EDU 244	Human Growth/Development	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Lateral Entry (Certificate) (C55430)
EDU 245	Policies and Procedures	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Lateral Entry (Certificate) (C55430)
EDU 247	Sensory & Physical Disab	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 248	Developmental Delays	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA

EDU 251	Exploration Activities	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 251A	Exploration Activities Lab	Change corequisite from "Take One Set: Set 1: EDU-251 and DRE-098 Set 2: EDU-251 and ENG-002 Set 3: EDU-251 and ENG-111" to "Take EDU 251"	Fall 2020	NA
EDU 252	Math & Sci Activities	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 252A	Math & Sci Activities Lab	Change corequisite from "Take One Set: Set 1: EDU-252 and DRE-098 Set 2: EDU-252 and ENG-002 Set 3: EDU-252 and ENG-111" to "Take EDU 252"	Fall 2020	NA
EDU 254	Music & Move for Child	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 256	Inst Strat/Social Studies	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 257	Inst Strat/Math	Change Prerequisites from "Take One Set: Set 1: DMA-010, DMA-020, and DMA-030 Set 2: DMA-025 Set 3: MAT-003" to "None" Change Corequisites from "Take One: DRE-098, ENG 002, or ENG 111" to "None"	Fall 2020	NA

EDU 258	Inst Strat/Science	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 259	Curriculum Planning	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 261	Early Childhood Admin I	Change corequisite from "Take one set: Set 1: EDU-119 and DRE-098 Set 2: EDU-119 and ENG-002 Set 3: EDU-119 and ENG-111" to "Take EDU 119"	Fall 2020	Early Childhood Education (A55220); Early Childhood Administration (Certificate) C55850
EDU 262	Early Childhood Admin II	Change corequisite from "Take one set: Set 1: EDU-119 and DRE-098 Set 2: EDU-119 and ENG-002 Set 3: EDU-119 and ENG-111" to "Take EDU 119"	Fall 2020	Early Childhood Education (A55220); Early Childhood Administration (Certificate) C55850
EDU 263	Schoo-Age Program Admin	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	School-Age Care (Certificate) (C55450)
EDU 271	Educational Technology	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Lateral Entry (Certificate) (C55430); Occupational Education Associate (A55320); School-Age Education (A55440)
EDU 275	Effective Teach Train	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA

EDU 280	Literacy Exp	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220)
EDU 280A	Literacy Exp Lab	Change corequisite from "Take One Set: Set 1: EDU-280 and DRE-098 Set 2: EDU-280 and ENG-002 Set 3: EDU-280 and ENG-111" to "Take EDU 280"	Fall 2020	NA
EDU 281	Instruc Strat/Read & Writ	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Occupational Education Associate (A55320)
EDU 282	Early Childhood Literature	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 284	Early Childhood Capstone Prac	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	Early Childhood Education (A55220)
EDU 285	Internship Exp-School Age	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	School-Age Education (A55440)
EDU 287	Leadership/Early Child Ed	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA
EDU 288	Adv Issues/Early Child Ed	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	NA

EDU 289	Adv Issues/School Age	Change corequisite from "Take One: DRE-098, ENG-002, or ENG-111" to "None"	Fall 2020	School-Age Education (A55440)
FOR 286	Forestry Ethics & Law	New Course	Summer 2019	NA
GRD 240	User Interface/User Experience	New Course	Summer 2019	NA
HPT 234	Historic Construction Methods II	New Course	Summer 2019	NA

PHM 150	Hospital Pharmacy	Changing the corequisite from "PHM 118" to "None"	Early Implement Fall 2019	Pharmacy Technology (A45580)
SGD 239	SGD Tech Art	New Course	Summer 2019	NA
SGD 242	SGD Photogrammetry	New Course	Summer 2019	NA
SGD 262	SGD 3D Animation II	New Course	Summer 2019	NA
VEN 130	Fundamentals of Viticulture and Enology	New Course	Summer 2019	NA
VEN 131	Wine Tasting	New Course	Summer 2019	NA

VEN 181	Tasting Room Operations	New Course	Summer 2019	NA
VEN 182	Tasting Room Operations Lab	New Course	Summer 2019	NA
VEN 188	Wine Finance	New Course	Summer 2019	NA
VEN 189	Wine Business	New Course	Summer 2019	NA
VEN 286	Wine Marketing	Change prerequisite from "VEN 133 and VEN 132" to "VEN 130 or VEN 133" and VEN 132"	Early Implement Summer 2019	NA

CURRICULUM STANDARD

Effective Term
Fall 2018
(2018*03)

Curriculum Program Title	Digital Media Technology	Program Code	A25210
Concentration	(not applicable)	CIP Code	11.0899

Curriculum Description

The Digital Media program prepares students for entry-level jobs in the digital design and multimedia industry. Students learn to synthesize multimedia, hypertext, computer programming, information architecture, and client/server technologies using both Internet and non-network-based media.

Students develop skills in communication, critical thinking, and problem solving as well as interface design, multimedia formats, application programming, data architecture, and client/server technologies. The program develops technical skills through practical applications that employ current and emerging standards and technologies.

Graduates should qualify for employment as web designers, graphic artists/designers, multimedia specialists, web developers, web content specialists, media specialists, information specialists, digital media specialists, animation specialists, interface designers, and many new jobs yet to be defined in this expanding field.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Digital Media Technology A25210

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE Required Courses: DME 110 Intro to Digital Media 3 SHC DME 115 Graphic Design Tools 3 SHC DME 120 Intro to Multimedia Applications 3 SHC DME 130 Digital Animation I 3 SHC Select one: CIS 115 Intro to Prog & Logic 3 SHC CTI 110 Web, Pgm, & Db Foundation 3 SHC WEB 210 Web Design 3 SHC	15 SHC		
B. CONCENTRATION <i>(not applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ART, CIS, CSC, CTI, CTS, DBA, DEA, DME, FVP, GIS, GRA, GRD, ITN, SGD, WBL, and WEB <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i>			

CURRICULUM STANDARD

Effective Term
Spring 2017
[2017*01]

Curriculum Program Title	Early Childhood Administration (Certificate)	Program Code	C55850
Concentration	(not applicable)	CIP Code	13.0401

Curriculum Description

This curriculum prepares individuals pursuing administrating roles in diverse child care settings to effectively work with children, families and teachers. The certificate is composed of learning opportunities in developmental theories, competency and evidence-based professional knowledge, administrative skills and leadership qualities.

Course work includes foundations in early childhood education, physical/nutritional needs of young children, safety issues in the care of young children; communication and leadership skills with teachers, families and children; programming and staffing, budgeting/financial management and marketing, and rules and regulations of early childhood programs.

Employment opportunities include entrepreneurship and/or management of child development and child care programs, preschools, public and private schools, recreational centers, Early Head Start and Head Start programs, and other programs.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma**	Certificate**
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Early Childhood Administration (Certificate) C55850

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE Required Courses: EDU 119 Introduction to Early Childhood Education 4 SHC EDU 131 Child, Family and Community 3 SHC EDU 153 Health, Safety and Nutrition 3 SHC EDU 261 Early Childhood Administration I 3 SHC EDU 262 Early Childhood Administration II 3 SHC Required Subject Areas: N/A			16 SHC
B. CONCENTRATION <i>(Not applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ACC, ART, ASL, BIO, BUS, CHM, CIS, CSC, DAN, EDU, HEA, HIS, MUS, OST, PHS, PSY, SCI, SOC and WBL <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i>			

Curriculum Standard for Teaching/Training: Early Childhood Education

Career Cluster: Education & Training **

Cluster Description: Planning, managing and providing education and training services, and related learning support services.

Pathway: Teaching/Training

Effective Term: Fall 2018 (2018*03)

Program Majors Under Pathway

Program Major / Classification of Instruction Programs (CIP) Code	Credential Level(s) Offered	Program Major Code
Early Childhood Education	CIP Code 13.1210	AAS/Diploma/Certificate
		A55220

Curriculum Description:

The Early Childhood Education curriculum prepares individuals to work with children from birth through eight in diverse learning environments. Students will combine learned theories with practice in actual settings with young children under the supervision of qualified teachers.

Course work includes child growth and development; physical/nutritional needs of children; care and guidance of children; and communication skills with families and children. Students will foster the cognitive/language, physical/motor, social/emotional, and creative development of young children.

Graduates are prepared to plan and implement developmentally appropriate programs in early childhood settings. Employment opportunities include child development and child care programs, preschools, public and private schools, recreational centers, Head Start Programs, and school-age programs.

*Program Major Description: The following 4th paragraph is used in conjunction with the first three paragraphs of the pathway description above for documentation used to identify the **Program Major**:*

Early Childhood Education: A program that prepares individuals to promote child development and learning, work with diverse families and children, observe, document and assess to support young children and families, use content knowledge to build meaningful curriculum, and use developmentally effective approaches in collaboration with other early childhood professionals. Potential course work includes instruction in all areas of child development such as emotional/social/health/physical/language/communication, approaches to play and learning, working with diverse families, and related observations/student teaching experiences.

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

I. General Education Academic Core

[Curriculum Requirements for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]: Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.

Teaching/Training: Early Childhood Education

Recommended General Education Academic Core	AAS	Diploma	Certificate
Minimum General Education Hours Required:	15 SHC	6 SHC	0 SHC
<p>The courses listed below are recommended general education courses for this curriculum standard. Colleges may choose to include additional or alternative general education courses to meet local curriculum needs.</p> <p>*Recommended certificate and diploma level curriculum courses. These courses may <u>not</u> be included in associate degree programs.</p>			
<p>Communication:</p> <p>COM 231 Public Speaking U 3 SHC</p> <p>ENG 111 Expository Writing U 3 SHC</p>	6 SHC	3-6 SHC	Optional
<p>Humanities/Fine Arts:</p> <p>ART 111 Art Appreciation U 3 SHC</p> <p>ART 114 Art History Survey I U 3 SHC</p> <p>ART 115 Art History Survey II U 3 SHC</p> <p>MUS 110 Music Appreciation U 3 SHC</p> <p>MUS 112 Introduction to Jazz U 3 SHC</p> <p>PHI 215 Philosophical Issues U 3 SHC</p> <p>PHI 240 Introduction to Ethics U 3 SHC</p>	3 SHC	0-3 SHC	Optional
<p>Social /Behavioral Sciences:</p> <p>PSY 150 General Psychology U 3 SHC</p>	3 SHC	0-3 SHC	Optional
<p>Natural Sciences/Mathematics:</p> <p>MAT 143 Quantitative Literacy U 3 SHC</p>	3 SHC	0-3 SHC	Optional
<p>U indicates a Universal General Education Transfer Component (UGETC) course included in the Comprehensive Articulation Agreement. UGETC courses are guaranteed to transfer to any of the sixteen University of North Carolina senior institutions as equivalent credit within defined distribution limits.</p>			
Additional General Education for Transfer Specialty Areas		14 SHC	
(Block 2 of Articulation)			
English Composition (Select 1)			
ENG 112 Writing/Research in the Disc	U		3 SHC
ENG 114 Prof Research & Reporting			3 SHC
Social/Behavioral Science (Select 1)			
ECO 251 Prin of Microeconomics	U		3 SHC
ECO 252 Prin of Macroeconomics	U		3 SHC
HIS 111 World Civilizations I	U		3 SHC
HIS 112 World Civilizations II	U		3 SHC
HIS 131 American History I	U		3 SHC
HIS 132 American History II	U		3 SHC
POL 120 American Government	U		3 SHC
SOC 210 Introduction to Sociology	U		3 SHC
Biological Science (Select 1)			
BIO 110 Principles of Biology	U		4 SHC
BIO 111 General Biology I	U		4 SHC
Natural Science (Select 1)			
AST 111 Descriptive Astronomy & Lab (AST-111A)	U		4 SHC

Approved by the State Board of Community Colleges on August 16, 2012; SBCC Revised 01/18/13; Editorial Revision 02/20/13; Editorial Revision 08/21/13; CRC Revised—Electronic Only 02/05/14; Editorial Revision 03/07/14; SBCC Revised 03/16/18; CCRC Revised—Electronic Only 10/09/18; CCRC Revised—Electronic Only 05/23/19.

AST	151	General Astronomy & Lab (AST-151A)	U	4 SHC			
CHM	151	General Chemistry I	U	4 SHC			
GEL	111	Introductory Geology	U	4 SHC			
PHY	110	Conceptual Physics & Lab (PHY-110A)	U	4 SHC			
<p><i>Refer to Blocks 1 and 2 of the Block Degree Plan for more information about required General Education in the proposed Early Childhood Education Statewide Articulation Agreement.</i></p>							

II. Major Hours. AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. Below is a description of each section under Major Hours.

- A. Technical Core.** The technical core is comprised of specific courses which are required for all Program Majors under this Curriculum Standard. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the curriculum core courses or core subject area of the AAS program.
- B. Program Major(s).** The Program Major must include a minimum of 12 semester hours credit from required subjects and/or courses. The Program Major is in addition to the technical core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from each prefix listed, with the exception of prefixes listed in the core.

Teaching/Training: Early Childhood Education	AAS	Diploma	Certificate
Minimum Major Hours Required:	49 SHC	30 SHC	12 SHC
<p>A. Technical Core: <i>Courses required for the diploma are designated with *</i></p> <p>*EDU 119 Intro to Early Child Education 4 SHC *EDU 131 Child, Family, & Community 3 SHC *EDU 146 Child Guidance 3 SHC *EDU 151 Creative Activities 3 SHC *EDU 153 Health, Safety & Nutrition 3 SHC *EDU 221 Children with Exceptional 3 SHC EDU 234 Infants, Toddlers & Twos 3 SHC EDU 280 Language & Literacy Experiences 3 SHC EDU 284 Early Child Capstone Practicum 4 SHC</p> <p>*Child Development. Select one set: EDU 144 Child Development I 3 SHC & EDU 145 Child Development II 3 SHC OR PSY 244 Child Development I 3 SHC & PSY 245 Child Development II 3 SHC</p> <p>B. Transfer Specialty Area: <i>Required Specialty Subject Areas for students pursuing early childhood education birth to kindergarten transfer per the Early Childhood Articulation</i></p>	35-41 SHC	25 SHC	

<p><i>Agreement (ECAA); Not required for non-transfer students.</i></p> <p>Students will select one specialty area**:</p> <p>1. Birth to Kindergarten (B-K) Licensure Transfer</p> <table border="0"> <tr> <td>EDU 216</td> <td>Foundations of Education</td> <td>3 SHC</td> </tr> <tr> <td>EDU 250</td> <td>Teacher Licensure Preparation</td> <td>3 SHC</td> </tr> </table> <p><i>If Praxis requirement is met by ACT/SAT scores, take any 3 SHC EDU course.</i></p> <p>2. Early Education Non-Licensure Transfer</p> <table border="0"> <tr> <td>EDU 261</td> <td>Early Childhood Admin I</td> <td>3 SHC</td> </tr> <tr> <td>EDU 262</td> <td>Early Childhood Admin II</td> <td>3 SHC</td> </tr> </table> <p><i>Refer to Blocks 3 and 4 of Block Degree Plan for more information about required EDU courses in the proposed Early Childhood Education Statewide Articulation Agreement.</i></p>	EDU 216	Foundations of Education	3 SHC	EDU 250	Teacher Licensure Preparation	3 SHC	EDU 261	Early Childhood Admin I	3 SHC	EDU 262	Early Childhood Admin II	3 SHC			
EDU 216	Foundations of Education	3 SHC													
EDU 250	Teacher Licensure Preparation	3 SHC													
EDU 261	Early Childhood Admin I	3 SHC													
EDU 262	Early Childhood Admin II	3 SHC													
<p>C. Other Major Hours.</p> <p><i>The remaining other major hours may be chosen from the following prefixes:</i></p> <p>ACC, ANT, ART, ASL, AST, BIO, BUS, CHM, CIS, COM, CSC, CTS, DAN, DBA, DRA, ECO, EDU, ENG, FRE, GEO, GER, HEA, HIS, HUM, MUS, OST, PED, PHI, PHS, POL, PSY, REL, SCI, SOC, SPA, WBL, and WEB</p> <p><i>Up to two semester hour credits may be selected from ACA.</i></p> <p><i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i></p>															
<p>III. Other Required Hours</p> <p><i>A college may include courses to meet graduation or local employer requirements in a certificate (0-1 SHC), diploma (0-4 SHC), or an associate in applied science (0-7 SHC) program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.</i></p>															

***The Early Childhood Articulation Agreement licensure and non-licensure options apply to all community college students who enter into applied associate degree in Early Childhood Education programs after the effective date of the agreement (Fall 2018) and who successfully complete an Associate in Applied Science (AAS) degree in Early Childhood Education prior to transfer.*

IV. Employability Competencies

Fundamental competencies that address soft skills vital to employability, personal, and professional success are listed below. Colleges are encouraged to integrate these competencies into the curriculum by embedding appropriate student learning outcomes into one or more courses or through alternative methods.

- A. Interpersonal Skills and Teamwork** – The ability to work effectively with others, especially to analyze situations, establish priorities, and apply resources for solving problems or accomplishing tasks.
- B. Communication** – The ability to effectively exchange ideas and information with others through oral, written, or visual means.
- C. Integrity and Professionalism** – Workplace behaviors that relate to ethical standards, honesty, fairness, respect, responsibility, self-control, criticism and demeanor.
- D. Problem-solving** – The ability to identify problems and potential causes while developing and implementing practical action plans for solutions.
- E. Initiative and Dependability** – Workplace behaviors that relate to seeking out new responsibilities, establishing and meeting goals, completing tasks, following directions, complying with rules, and consistent reliability.
- F. Information processing** – The ability to acquire, evaluate, organize, manage, and interpret information.
- G. Adaptability and Lifelong Learning** – The ability to learn and apply new knowledge and skills and adapt to changing technologies, methods, processes, work environments, organizational structures and management practices.
- H. Entrepreneurship** – The knowledge and skills necessary to create opportunities and develop as an employee or self-employed business owner.

An **Employability Skills Resource Toolkit has been developed by NC-NET for the competencies listed above. Additional information is located at: <http://www.nc-net.info/employability.php>*

***The **North Carolina Career Clusters Guide** was developed by the North Carolina Department of Public Instruction and the North Carolina Community College system to link the academic and Career and Technical Education programs at the secondary and postsecondary levels to increase student achievement. Additional information about Career Clusters is located at: http://www.nc-net.info/NC_career_clusters_guide.php or <http://www.careertech.org>.*

Summary of Required Semester Hour Credits (SHC) for each credential:

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

CURRICULUM STANDARD

Effective Term
Spring 2017
[2017*01]

Curriculum Program Title	Early Childhood Preschool (Certificate)	Program Code	C55860
Concentration	(not applicable)	CIP Code	13.1209

Curriculum Description

This curriculum prepares individuals to work with preschool aged children (3-5) in diverse learning environments. Students will combine learned theories, competency-based knowledge, and practice in actual settings with preschool children.

Course work includes child growth and development, physical/nutritional needs of preschool children, safety issues in the care of preschool children; care and guidance; communication skills with families and children; design and implementation of appropriate curriculum; and other related topics.

Graduates should be prepared to plan and implement developmentally appropriate preschool programs in early childhood settings. Employment opportunities include child development and child care programs, preschools, public and private schools, recreational centers, Head Start Programs, and other preschool programs.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma**	Certificate**
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Early Childhood Preschool (Certificate) C55860

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE Required Courses: EDU 119 Introduction to Early Childhood Education 4 SHC EDU 131 Child, Family and Community 3 SHC EDU 146 Child Guidance 3 SHC EDU 153 Health, Safety and Nutrition 3 SHC Required Subject Areas: Child Development: <i>Select one</i> EDU 145 Child Development II 3 SHC PSY 245 Child Development II 3 SHC			16 SHC
B. CONCENTRATION <i>(Not applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ACC, ART, ASL, BIO, BUS, CHM, CIS, CSC, DAN, EDU, HEA, HIS, MUS, OST, PHS, PSY, SCI, SOC and WBL <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i>			

CURRICULUM STANDARD

Effective Term
Fall 2009
[2009*03]

Curriculum Program Title	Infant/Toddler Care (Certificate)	Program Code	C55290
Concentration	(not applicable)	CIP Code	19.0706

Curriculum Description

The curriculum prepares individuals to work with children from infancy to three years of age in diverse learning environments. Students will combine learned theories, competency-based knowledge, and practice in actual settings with infants and toddlers.

Course work includes infant/toddler growth and development: physical/nutritional needs of infants and toddlers; safety issues in the care of infants and toddlers; care and guidance; communication skills with families and children; design an implementation of appropriate curriculum; and other related topics.

Graduates should be prepared to plan and implement developmentally appropriate infant/toddler programs in early childhood settings. Employment opportunities include child development and child care programs, preschools, public and private schools, recreational centers, Early Head Start Programs, and other infant/toddler programs.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** (*if applicable*). A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Infant/Toddler Care (Certificate) C55290

	AAS	Diploma	Certificate																								
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																								
A. CORE			16 SHC																								
Required Courses: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;">EDU</td> <td style="width: 10%; text-align: left;">119</td> <td style="width: 70%; text-align: left;">Intro to Early Child Educ</td> <td style="width: 10%; text-align: right;">4 SHC</td> </tr> <tr> <td>EDU</td> <td>131</td> <td>Child, Family, & Commun</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>EDU</td> <td>153</td> <td>Health, Safety & Nutrit</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>EDU</td> <td>234</td> <td>Infants, Toddlers, and Twos</td> <td style="text-align: right;">3 SHC</td> </tr> </table> Required Subject Areas: <i>Child Development: Select one:</i> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: left;">EDU</td> <td style="width: 10%; text-align: left;">144</td> <td style="width: 70%; text-align: left;">Child Development I</td> <td style="width: 10%; text-align: right;">3 SHC</td> </tr> <tr> <td>PSY</td> <td>244</td> <td>Child Development I</td> <td style="text-align: right;">3 SHC</td> </tr> </table>	EDU	119	Intro to Early Child Educ	4 SHC	EDU	131	Child, Family, & Commun	3 SHC	EDU	153	Health, Safety & Nutrit	3 SHC	EDU	234	Infants, Toddlers, and Twos	3 SHC	EDU	144	Child Development I	3 SHC	PSY	244	Child Development I	3 SHC			
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B. CONCENTRATION (<i>Not applicable</i>)																											
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ACC, ART, ASL, BIO, BUS, CHM, CIS, CSC, DAN, EDU, HEA, HIS, MUS, OST, PHS, PSY, SCI, SOC and WBL <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i>																											

Curriculum Standard for Information Technology

Career Cluster: Web and Digital Communications, Information Support and Services, Programming and Software Development, and Network Systems.

Cluster Description: Building linkages in IT occupations framework: for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multi-media, and systems integration services.

Pathway: Information Technology

Effective Term: Fall 2017 (2017*03)

Program Major Under Pathway

Program Major / Classification of Instruction Programs (CIP) Code	Credential Level(s) Offered	Program Major Code
Information Technology CIP Code: 11.0103	AAS/Diploma/Certificate	A25590

Pathway Description:

The Information Technology (IT) curriculum prepares graduates for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics and others depending on the technical path selected within this curriculum.

Course work includes development of a student's ability to create, store, communicate, exchange and use information to solve technical issues related to information support and services, interactive media, network systems, programming and software development, information security and other emerging technologies based on the selected area of study.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information. The program will incorporate the competencies of industry-recognized certification exams.

I. General Education Academic Core

Curriculum Requirements for associate degree, diploma, and certificate programs in accordance with 1 D SBCC 400.10: Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.

Information Technology

Recommended General Education Academic Core	AAS	Diploma	Certificate																												
Minimum General Education Hours Required:	15 SHC	6 SHC	0 SHC																												
<p><i>Courses listed below are recommended general education courses for this curriculum standard. Colleges may choose to include additional or alternative general education courses to meet local curriculum needs.</i></p> <p>Communication:</p> <table border="0"> <tr> <td>COM</td> <td>110</td> <td>Introduction to Communication</td> <td>3 SHC</td> </tr> <tr> <td>COM</td> <td>120</td> <td>Intro Interpersonal Com</td> <td>3 SHC</td> </tr> <tr> <td>COM</td> <td>231</td> <td>Public Speaking U</td> <td>3 SHC</td> </tr> <tr> <td>ENG</td> <td>111</td> <td>Writing and Inquiry U</td> <td>3 SHC</td> </tr> <tr> <td>ENG</td> <td>112</td> <td>Writing/Research in the Disc U</td> <td>3 SHC</td> </tr> <tr> <td>ENG</td> <td>114</td> <td>Prof Research & Reporting</td> <td>3 SHC</td> </tr> <tr> <td>ENG</td> <td>116</td> <td>Technical Report Writing</td> <td>3 SHC</td> </tr> </table>	COM	110	Introduction to Communication	3 SHC	COM	120	Intro Interpersonal Com	3 SHC	COM	231	Public Speaking U	3 SHC	ENG	111	Writing and Inquiry U	3 SHC	ENG	112	Writing/Research in the Disc U	3 SHC	ENG	114	Prof Research & Reporting	3 SHC	ENG	116	Technical Report Writing	3 SHC	6 SHC	3-6 SHC	Optional
COM	110	Introduction to Communication	3 SHC																												
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ENG	111	Writing and Inquiry U	3 SHC																												
ENG	112	Writing/Research in the Disc U	3 SHC																												
ENG	114	Prof Research & Reporting	3 SHC																												
ENG	116	Technical Report Writing	3 SHC																												

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Approved by the State Board of Community Colleges on September 18, 2015. Editorial revision September 21, 2015; Editorial Revision 09/25/15; CRC Revised 10/22/15; CRC Revised 05/26/16; CRC Revised—Electronic Only 05/25/17; Prefix addition 09/18/17; CCRC Revised—Electronic Only 05/23/19.

Humanities/Fine Arts:				3 SHC	0-3 SHC	Optional
ART	111	Art Appreciation U	3 SHC			
HUM	110	Technology and Society	3 SHC			
HUM	115	Critical Thinking	3 SHC			
HUM	230	Leadership Development	3 SHC			
MUS	110	Music Appreciation U	3 SHC			
PHI	240	Introduction to Ethics U	3 SHC			
Social /Behavioral Sciences:				3 SHC	0-3 SHC	Optional
ECO	151	Survey of Economics	3 SHC			
ECO	251	Prin of Microeconomics U	3 SHC			
ECO	252	Prin of Macroeconomics U	3 SHC			
POL	120	American Government U	3 SHC			
PSY	118	Interpersonal Psychology	3 SHC			
PSY	150	General Psychology U	3 SHC			
SOC	210	Introduction to Sociology U	3 SHC			
Natural Sciences/Mathematics:				3-4 SHC	0-3 SHC	Optional
MAT	110	Math Measurement and Literacy	3 SHC			
MAT	121	Algebra/Trigonometry I	3 SHC			
MAT	143	Quantitative Literacy U	3 SHC			
MAT	152	Statistical Methods I U	4 SHC			
MAT	171	Precalculus Algebra U	4 SHC			
<p>U indicates a Universal General Education Transfer Component (UGETC) course included in the Comprehensive Articulation Agreement. UGETC courses are guaranteed to transfer to any of the sixteen University of North Carolina senior institutions as equivalent credit within defined distribution limits.</p>						

II. Major Hours. AAS, diploma, and certificate programs must include courses that offer specific job knowledge and skills. Work Based Learning (WBL) may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. Below is a description of each section under Major Hours.

- A. Technical Core.** The technical core is comprised of specific courses which are required for all Program Majors under this Curriculum Standard. A diploma program offered under an approved AAS program standard or a certificate, which is the highest credential level awarded under an approved AAS program standard, must include a minimum of 12 semester hours of credit derived from the curriculum core courses or core subject area of the AAS program.
- B. Program Major(s).** The Program Major must include a minimum of 12 semester hours of credit from required subjects and/or courses.
- C. Other Major Hours.** Other Major Hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from each prefix listed, with the exception of prefixes listed in the core.

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Approved by the State Board of Community Colleges on September 18, 2015. Editorial revision September 21, 2015; Editorial Revision 09/25/15; CRC Revised 10/22/15; CRC Revised 05/26/16; CRC Revised—Electronic Only 05/25/17; Prefix addition 09/18/17; CCRC Revised—Electronic Only 05/23/19.

Information Technology	AAS	Diploma	Certificate
Minimum Major Hours Required:	49 SHC	30 SHC	12 SHC
A. Technical Core: <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject/course core of the AAS degree</i>	18-27 SHC	12 SHC	
CTS 115 Info Sys Business Concepts 3 SHC CTI 110 Web, Pgm, & DB Foundation 3 SHC CTI 120 Network & Sec Foundation 3 SHC <i>Select one:</i> CET 111 Computer Upgrade/Repair I 3 SHC CIS 110 Introduction to Computers 3 SHC CIS 115 Intro to Prog and Logic 3 SHC CSC 120 Computing Fundamentals I 4 SHC CTI 115 Computer Systems Foundation 3 SHC CTI 130 Os and Device Foundation 6 SHC CTS 120 Hardware/Software Support 3 SHC NOS 110 Operating Systems Concepts 3 SHC OST 137 Office Applications I 3 SHC			
Information Technology Required Subject Areas (Select one subject area):			
Information Systems <i>12 SHC to be selected from:</i> CIS, CTI, CTS and/or NOS prefixes			
Computer Programming and Development <i>Select one:</i> CSC 134 C++ Programming 3 SHC CSC 139 Visual BASIC Programming 3 SHC CSC 151 JAVA Programming 3 SHC CSC 153 C# Programming 3 SHC <i>Select one:</i> CSC 234 Advanced C++ Programing 3 SHC CSC 239 Advanced Visual BASIC Prog 3 SHC CSC 249 Data Structure & Algorithms 3 SHC CSC 251 Advanced JAVA Programing 3 SHC CSC 253 Advanced C# Programing 3 SHC			
Database Administration and Data Center Technologies <i>Select two:</i> DBA 120 Database Programming I 3 SHC DBA 210 Database Administration 3 SHC CTI 140 Virtualization Concepts 3 SHC CTI 141 Cloud & Storage Concepts 3 SHC NOS 120 Linux/UNIX Single User 3 SHC			
Data Management <i>Select two:</i> BUS 228 Business Statistics 3 SHC CTS 130 Spreadsheet 3 SHC DBA 110 Database Concepts 3 SHC DBA 115 Database Applications 3 SHC DBA 120 Database Programming I 3 SHC			
Data Support Services			

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Approved by the State Board of Community Colleges on September 18, 2015. Editorial revision September 21, 2015; Editorial Revision 09/25/15; CRC Revised 10/22/15; CRC Revised 05/26/16; CRC Revised—Electronic Only 05/25/17; Prefix addition 09/18/17; CCRC Revised—Electronic Only 05/23/19.

Select two:

DBA	110	Database Concepts	3 SHC
DBA	115	Database Applications	3 SHC
DBA	120	Database Programming I	3 SHC
DBA	220	Oracle DB Programming II	3 SHC
DBA	221	SQL Server DB Prog II	3 SHC
DBA	240	Database Analysis/ Design	3 SHC

Digital Media Production

Select two:

DME	110	Intro to Digital Media	3 SHC
DME	115	Graphic Design Tools	3 SHC
DME	120	Intro to Multimedia Appl	3 SHC
DME	130	Digital Animation I	3 SHC
WEB	210	Web Design	3 SHC

Game and Simulation Programming

Select one:

CSC	134	C++ Programming	3 SHC
CSC	151	JAVA Programming	3 SHC
CSC	153	C# Programming	3 SHC
SGD	113	SGD Programming	3 SHC

Select one:

SGD	111	Introduction to SGD	3 SHC
SGD	112	SGD Design	3 SHC

Healthcare Informatics

HBI	110	Issues and Trends in HBI	3 SHC
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Select one:

DBA	110	Database Concepts	3 SHC
DBA	120	Database Programming I	3 SHC
DBA	210	Database Administration	3 SHC
HBI	113	Survey of Med Insurance	3 SHC

IT Business Support

Select two:

CTS	130	Spreadsheet	3 SHC
CTS	240	Project Management	3 SHC
DBA	110	Database Concepts	3 SHC
DBA	240	Database Analysis/Design	3 SHC
WEB	151	Mobile Applications Dev I	3 SHC

Mobile Applications Developer

Select two:

CTI	150	Mobile Computing Devices	3 SHC
WEB	125	WEB Mobile Design	3 SHC
WEB	141	Mobile Interface Design	3 SHC
WEB	151	Mobile Applications Dev I	3 SHC
WEB	251	Mobile Applications Dev II	3 SHC

Network Management

Select one:

NET	110	Networking Concepts	3 SHC
NET	125	Introduction to Networking	3 SHC

Select one:

CTI	140	Virtualization Concepts	3 SHC
CTI	141	Cloud & Storage Concepts	3 SHC
NET	126	Routing Basics	3 SHC
NOS	120	Linux/UNIX Single User	3 SHC

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Approved by the State Board of Community Colleges on September 18, 2015. Editorial revision September 21, 2015; Editorial Revision 09/25/15; CRC Revised 10/22/15; CRC Revised 05/26/16; CRC Revised—Electronic Only 05/25/17; Prefix addition 09/18/17; CCRC Revised—Electronic Only 05/23/19.

NOS	230	Windows Administration I	3 SHC			
Network Telecommunications						
<i>Select two:</i>						
NET	125	Introduction to Networking	3 SHC			
NET	130	Convergence Concepts	3 SHC			
NET	241	Introduction to VOIP	3 SHC			
TNE	111	Campus Networks I	3 SHC			
TNE	250	Intro to Telecom Networks	3 SHC			
Software and Web Development						
<i>Select two:</i>						
CSC	139	Visual BASIC Programming	3 SHC			
CSC	143	Object-Oriented Prog	3 SHC			
CSC	151	JAVA Programming	3 SHC			
CSC	153	C# Programming	3 SHC			
DBA	120	Database Programming I	3 SHC			
WEB	115	Web Markup and Scripting	3 SHC			
Support and Services						
CTS	155	Tech Support Functions	3 SHC			
<i>Select one:</i>						
CET	211	Computer Upgrade/Repair II	3 SHC			
CTS	135	Integrated Software Intro	4 SHC			
CTS	220	Adv Hard/Software Support	3 SHC			
CTS	250	User Support & Software Eval	3 SHC			
CTS	255	Adv Tech Support Functions	3 SHC			
CTS	272	Desktop Support: Apps	3 SHC			
Systems Security						
SEC	110	Security Concepts	3 SHC			
<i>Select one:</i>						
CCT	110	Intro to Cyber Crime	3 SHC			
NET	110	Networking Concepts	3 SHC			
NET	125	Introduction to Networking	3 SHC			
SEC	150	Secure Communications	3 SHC			
SEC	160	Secure Administration I	3 SHC			
Web Administration and Design						
<i>Select two:</i>						
DBA	120	Database Programming I	3 SHC			
NOS	120	Linux/UNIX Single User	3 SHC			
NOS	230	Windows Administration I	3 SHC			
WEB	115	Web Markup and Scripting	3 SHC			
WEB	210	Web Design	3 SHC			
WEB	250	Database Driven Websites	3 SHC			

C. Other Major Hours.

To be selected from the following prefixes:

ACC, ART, BAS, BUS, CCT, CET, CIS, CJC, CSC, CTI, CTS, DBA, DEA, DES, DFT, DME, ECM, ECO, EGR, ELC, ELN, ETR, GIS, GRA, GRD, HBI, HIT, HMT, ISC, ITN, MAT, MED, MIT, MKT, NET, NOS, OMT, OST, PCI, PHO, PMT, SEC, SGD, SGR, TNE, WBL, and WEB.

Up to two semester hour credits may be selected from ACA.

Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Approved by the State Board of Community Colleges on September 18, 2015. Editorial revision September 21, 2015; Editorial Revision 09/25/15; CRC Revised 10/22/15; CRC Revised 05/26/16; CRC Revised—Electronic Only 05/25/17; Prefix addition 09/18/17; CCRC Revised—Electronic Only 05/23/19.

III. Other Required Hours

A college may include courses to meet graduation or local employer requirements in a certificate (0-1 SHC), diploma (0-4 SHC), or an associate in applied science (0-7 SHC) program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as Other Required Hours.

IV. Employability Competencies

Fundamental competencies that address soft skills vital to employability, personal, and professional success are listed below. Colleges are encouraged to integrate these competencies into the curriculum by embedding appropriate student learning outcomes into one or more courses or through alternative methods.

- A. Interpersonal Skills and Teamwork** – The ability to work effectively with others, especially to analyze situations, establish priorities, and apply resources for solving problems or accomplishing tasks
- B. Communication** – The ability to effectively exchange ideas and information with others through oral, written, or visual means
- C. Integrity and Professionalism** – Workplace behaviors that relate to ethical standards, honesty, fairness, respect, responsibility, self-control, criticism and demeanor
- D. Problem-solving** – The ability to identify problems and potential causes while developing and implementing practical action plans for solutions
- E. Initiative and Dependability** – Workplace behaviors that relate to seeking out new responsibilities, establishing and meeting goals, completing tasks, following directions, complying with rules, and consistent reliability
- F. Information processing** – The ability to acquire, evaluate, organize, manage, and interpret information
- G. Adaptability and Lifelong Learning** – The ability to learn and apply new knowledge and skills and adapt to changing technologies, methods, processes, work environments, organizational structures and management practices
- H. Entrepreneurship** – The knowledge and skills necessary to create opportunities and develop as an employee or self-employed business owner

***The North Carolina Career Clusters Guide was developed by the North Carolina Department of Public Instruction and the North Carolina Community College system to link the academic and Career and Technical Education programs at the secondary and postsecondary levels to increase student achievement. Additional information about Career Clusters is located at:*

http://www.nc-net.info/NC_career_clusters_guide.php or <http://www.careertech.org/>

Summary of Required Semester Hour Credits (SHC) for each credential:

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Approved by the State Board of Community Colleges on September 18, 2015. Editorial revision September 21, 2015; Editorial Revision 09/25/15; CRC Revised 10/22/15; CRC Revised 05/26/16; CRC Revised—Electronic Only 05/25/17; Prefix addition 09/18/17; CCRC Revised—Electronic Only 05/23/19.

CURRICULUM STANDARD

*Effective Term
Summer 2006
[2006*02]*

Curriculum Program Title	Lateral Entry (Certificate)	Program Code	C55430
Concentration	(not applicable)	CIP Code	13.0101

Curriculum Description

The Lateral Entry curriculum provides a course of study leading to the development of the general pedagogy competencies needed to become certified to teach by the North Carolina Department of Public Instruction.

Course work includes human growth and development, learning theory, instructional technology, school policies and procedures, home, school, and community collaborations, and classroom organization and management to enhance learning. Courses offered by partnering senior institutions include instructional methods, literacy, and diversity.

Graduates should meet the general pedagogy competencies within the first three years of teaching, including a minimum of six semester hours per school year. Additional requirements, such as pre-service training and passing the PRAXIS, are required for licensure.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)**	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

CURRICULUM STANDARD

Effective Term
Fall 2009
[2009*03]

Curriculum Program Title	Occupational Education Associate	Program Code	A55320
Concentration	(not applicable)	CIP Code	13.1320

Curriculum Description

The Occupational Education Associate curriculum is designed for individuals skilled and experienced in a trade or technical specialty who would like to receive an associate degree in preparation for teaching or other purposes.

Course work is designed to supplement previous education, training, and/or experience the individual has already attained.

Graduates of the program may find employment as instructors in the field of occupational education.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Occupational Education Associate A55320

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE <i>Courses required for the diploma and certificate are designated with an *</i> Required Courses: * EDU 175 Intro to Trade and Industrial Education 3 SHC EDU 176 Occupational Analysis & Course Development 3 SHC * EDU 177 Instructional Methods 3 SHC * EDU 271 Educational Technology 3 SHC * ISC 121 Environmental Health and Safety 3 SHC * EDU 281 Instructional Strategies in Reading and Writing 3 SHC Required Subject Areas: *Education. Select one of the following: EDU 179 Vocational Student Organizations 3 SHC EDU 240 Work-Based Learning Practices & Techniques 3 SHC	21 SHC	18 SHC	18 SHC
B. CONCENTRATION <i>(Not applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> Prefixes for major courses for curriculums approved to be offered by the college.			

CURRICULUM STANDARD

Effective Term
Fall 2019
[2019*03]

Curriculum Program Title	Pharmacy Technology	Program Code	A45580
Concentration	(not applicable)	CIP Code	51.0805

Curriculum Description

The Pharmacy Technology Program prepares individuals to assist the pharmacist in duties that a technician can legally perform and to function within the boundaries prescribed by the pharmacist and the employment agency.

Students will prepare prescription medications, mix intravenous solutions and other specialized medications, update patient profiles, maintain inventories, package medications in unit-dose or med-card form, and gather data used by pharmacists to monitor drug therapy.

Employment opportunities include retail, hospitals, nursing homes, research laboratories, wholesale drug companies, and pharmaceutical manufacturing facilities. Graduates from the program may be eligible to take the National Certification Examination to become a certified pharmacy technician.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** (if applicable). A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Pharmacy Technology A45580

	AAS	Diploma	Certificate																																																																				
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																																																				
A. CORE <i>Courses required for the diploma are designated with *</i> Required Courses: <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">*</td><td style="width: 15%;">PHM 110</td><td style="width: 60%;">Introduction to Pharmacy</td><td style="width: 20%;">3 SHC</td></tr> <tr><td>*</td><td>PHM 111</td><td>Pharmacy Practice I</td><td>4 SHC</td></tr> <tr><td>*</td><td>PHM 115</td><td>Pharmacy Calculations</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 118</td><td>Sterile Products</td><td>4 SHC</td></tr> <tr><td>*</td><td>PHM 120</td><td>Pharmacology I</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 125</td><td>Pharmacology II</td><td>3 SHC</td></tr> <tr><td>*</td><td>PHM 140</td><td>Trends in Pharmacy</td><td>2 SHC</td></tr> <tr><td></td><td>PHM 150</td><td>Hospital Pharmacy</td><td>4 SHC</td></tr> <tr><td></td><td>PHM 155</td><td>Community Pharmacy</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 160</td><td>Pharm Dosage Forms</td><td>3 SHC</td></tr> <tr><td>*</td><td>PHM 165</td><td>Pharmacy Prof Practice</td><td>2 SHC</td></tr> </table> Required Subject Area: *Pharmacy Clinical. Select a minimum of 8 SHC: Select a minimum of 2 SHC for Diploma or Certificate: <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"></td><td style="width: 15%;">PHM 132</td><td style="width: 60%;">Pharmacy Clinical</td><td style="width: 20%;">2 SHC</td></tr> <tr><td></td><td>PHM 133</td><td>Pharmacy Clinical</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 134</td><td>Pharmacy Clinical</td><td>4 SHC</td></tr> <tr><td></td><td>PHM 135</td><td>Pharmacy Clinical</td><td>5 SHC</td></tr> <tr><td></td><td>PHM 136</td><td>Pharmacy Clinical</td><td>6 SHC</td></tr> <tr><td></td><td>PHM 138</td><td>Pharmacy Clinical</td><td>8 SHC</td></tr> </table>	*	PHM 110	Introduction to Pharmacy	3 SHC	*	PHM 111	Pharmacy Practice I	4 SHC	*	PHM 115	Pharmacy Calculations	3 SHC		PHM 118	Sterile Products	4 SHC	*	PHM 120	Pharmacology I	3 SHC		PHM 125	Pharmacology II	3 SHC	*	PHM 140	Trends in Pharmacy	2 SHC		PHM 150	Hospital Pharmacy	4 SHC		PHM 155	Community Pharmacy	3 SHC		PHM 160	Pharm Dosage Forms	3 SHC	*	PHM 165	Pharmacy Prof Practice	2 SHC		PHM 132	Pharmacy Clinical	2 SHC		PHM 133	Pharmacy Clinical	3 SHC		PHM 134	Pharmacy Clinical	4 SHC		PHM 135	Pharmacy Clinical	5 SHC		PHM 136	Pharmacy Clinical	6 SHC		PHM 138	Pharmacy Clinical	8 SHC	42 SHC	19 SHC	12 SHC
*	PHM 110	Introduction to Pharmacy	3 SHC																																																																				
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	PHM 150	Hospital Pharmacy	4 SHC																																																																				
	PHM 155	Community Pharmacy	3 SHC																																																																				
	PHM 160	Pharm Dosage Forms	3 SHC																																																																				
*	PHM 165	Pharmacy Prof Practice	2 SHC																																																																				
	PHM 132	Pharmacy Clinical	2 SHC																																																																				
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	PHM 136	Pharmacy Clinical	6 SHC																																																																				
	PHM 138	Pharmacy Clinical	8 SHC																																																																				
B. CONCENTRATION (Not applicable)																																																																							
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> BIO, BUS, CIS, CSC, HSC, MED, PBT, PHM, PSY, SOC, and WBL <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i>																																																																							

CURRICULUM STANDARD

<i>Effective Term</i> Spring 2011 [2011*01]

Curriculum Program Title	School-Age Care (Certificate)	Program Code	C55450
Concentration	(not applicable)	CIP Code	13.1202

Curriculum Description

This curriculum prepares individuals to work with school-age children in diverse learning environments. The curriculum is specifically designed for students planning to work in public or private school-age care environments.

Course work includes child growth/development; physical/nutritional needs of school-age children; care and guidance of school-age children; and communication skills with parents and children. Students will foster the cognitive/language, physical/motor, social/emotional, and creative development of school-age populations.

Graduates are prepared to plan and implement developmentally appropriate activities in school-age environments. Employment opportunities include school-age teaching or school-age administration positions in child care/development programs, group leaders, before and after school programs, recreational centers and other programs that work with school-age populations.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.

- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*

- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit in Program	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

School-Age Care (Certificate) C55450

	AAS	Diploma	Certificate																																
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																
<p>A. CORE</p> <p>Required Courses:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">EDU</td> <td style="width: 10%;">131</td> <td style="width: 60%;">Child, Family, & Commun</td> <td style="width: 20%; text-align: right;">3 SHC</td> </tr> <tr> <td>EDU</td> <td>158</td> <td>Healthy Lifestyles- Youth</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>EDU</td> <td>235</td> <td>School-Age Dev & Program</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>EDU</td> <td>263</td> <td>School-Age Program Admin</td> <td style="text-align: right;">2 SHC</td> </tr> </table> <p>Required Subject Areas:</p> <p>Child Development- Select one of the following:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">EDU</td> <td style="width: 10%;">145</td> <td style="width: 60%;">Child Development II</td> <td style="width: 20%; text-align: right;">3 SHC</td> </tr> <tr> <td>PSY</td> <td>245</td> <td>Child Development II</td> <td style="text-align: right;">3 SHC</td> </tr> </table> <p>Guidance- Select one of the following:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">EDU</td> <td style="width: 10%;">146</td> <td style="width: 60%;">Child Guidance</td> <td style="width: 20%; text-align: right;">3 SHC</td> </tr> <tr> <td>EDU</td> <td>163</td> <td>Classroom Mgt & Instruct</td> <td style="text-align: right;">3 SHC</td> </tr> </table>	EDU	131	Child, Family, & Commun	3 SHC	EDU	158	Healthy Lifestyles- Youth	3 SHC	EDU	235	School-Age Dev & Program	3 SHC	EDU	263	School-Age Program Admin	2 SHC	EDU	145	Child Development II	3 SHC	PSY	245	Child Development II	3 SHC	EDU	146	Child Guidance	3 SHC	EDU	163	Classroom Mgt & Instruct	3 SHC			17 SHC
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CURRICULUM STANDARD

Effective Term
Fall 2018
[2018*03]

Curriculum Program Title	School-Age Education	Program Code	A55440
Concentration	(not applicable)	CIP Code	13.1202

Curriculum Description

This curriculum prepares individuals to work with children in elementary through middle grades in diverse learning environments. Students will combine learned theories with practice in actual settings with school-age children under the supervision of qualified teachers.

Course work includes child growth/development; computer technology in education; physical/nutritional needs of school-age children; care and guidance of school-age children; and communication skills with families and children. Students will foster the cognitive/language, physical/motor, social/emotional, and creative development of school-age populations.

Graduates are prepared to plan and implement developmentally appropriate programs in school-aged environments. Employment opportunities include school-age teachers in child care programs, before/after-school programs, paraprofessional positions in public/ private schools, recreational centers, and other programs that work with school-age populations.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration (if applicable).** A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degree and diploma curriculum programs up to a maximum of 8 semester hours credit and in certificate programs up to a maximum of 2 semester hours credit.

School-Age Education A55440

	AAS	Diploma	Certificate																																																																																
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																																																																
<p>A. CORE <i>Courses required for the diploma are designated with *</i> Required Courses:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">*</td> <td style="width: 10%;">EDU</td> <td style="width: 10%;">131</td> <td style="width: 50%;">Child, Family, & Commun</td> <td style="width: 15%;">3 SHC</td> </tr> <tr> <td>*</td> <td>EDU</td> <td>163</td> <td>Classroom Mgt. & Instruct</td> <td>3 SHC</td> </tr> <tr> <td>*</td> <td>EDU</td> <td>271</td> <td>Educational Technology</td> <td>3 SHC</td> </tr> <tr> <td>*</td> <td>EDU</td> <td>285</td> <td>Internship Exp-School-Age</td> <td>4 SHC</td> </tr> <tr> <td></td> <td>EDU</td> <td>289</td> <td>Adv. Issues/School Age</td> <td>2 SHC</td> </tr> </table> <p>Required Subject Areas: *Child Development. Select one set:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 10%;">EDU</td> <td style="width: 10%;">144</td> <td style="width: 50%;">Child Development I</td> <td style="width: 15%;">3 SHC</td> </tr> <tr> <td style="text-align: center;">&</td> <td>EDU</td> <td>145</td> <td>Child Development II</td> <td>3 SHC</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;"><i>or</i></td> <td></td> </tr> <tr> <td></td> <td>PSY</td> <td>244</td> <td>Child Development I</td> <td>3 SHC</td> </tr> <tr> <td></td> <td>PSY</td> <td>245</td> <td>Child Development II</td> <td>3 SHC</td> </tr> </table> <p>*Special Education. Select one of the following:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 10%;">EDU</td> <td style="width: 10%;">161</td> <td style="width: 50%;">Intro. to Exceptional Chil</td> <td style="width: 15%;">3 SHC</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;"><i>or</i></td> <td></td> </tr> <tr> <td></td> <td>EDU</td> <td>221</td> <td>Children with Exceptional</td> <td>3 SHC</td> </tr> </table> <p>*Education Overview. Select one of the following:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 10%;">EDU</td> <td style="width: 10%;">118</td> <td style="width: 50%;">Princ & Prac of Inst Asst</td> <td style="width: 15%;">3 SHC</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;"><i>or</i></td> <td></td> </tr> <tr> <td></td> <td>EDU</td> <td>216</td> <td>Foundations of Education</td> <td>3 SHC</td> </tr> </table>	*	EDU	131	Child, Family, & Commun	3 SHC	*	EDU	163	Classroom Mgt. & Instruct	3 SHC	*	EDU	271	Educational Technology	3 SHC	*	EDU	285	Internship Exp-School-Age	4 SHC		EDU	289	Adv. Issues/School Age	2 SHC		EDU	144	Child Development I	3 SHC	&	EDU	145	Child Development II	3 SHC				<i>or</i>			PSY	244	Child Development I	3 SHC		PSY	245	Child Development II	3 SHC		EDU	161	Intro. to Exceptional Chil	3 SHC				<i>or</i>			EDU	221	Children with Exceptional	3 SHC		EDU	118	Princ & Prac of Inst Asst	3 SHC				<i>or</i>			EDU	216	Foundations of Education	3 SHC	27	25	
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CURRICULUM STANDARD

Effective Term
Fall 2019
[2019*03]

Curriculum Program Title	Basic Law Enforcement Training (Certificate)	Program Code	C55120
Concentration	(not applicable)	CIP Code	43.0107

Curriculum Description

Basic Law Enforcement Training (BLET) is designed to give students essential skills required for entry-level employment as law enforcement officers with state, county, or municipal governments, or with private enterprise.

This program utilizes State commission-mandated topics and methods of instruction. General subjects include, but are not limited to, criminal, juvenile, civil, traffic, and alcohol beverage laws; investigative, patrol, custody, and court procedures; emergency responses; and ethics and community relations.

Students must successfully complete and pass all units of study mandated by the North Carolina Criminal Justice Education and Training Standards Commission and the North Carolina Sheriffs' Education and Training Standards Commission to receive a certificate.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Basic Law Enforcement Training (Certificate) C55120**

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE Required Courses: CJC 110 Basic Law Enforcement BLET 20 SHC Required Subject Areas: None			20 SHC**
B. CONCENTRATION <i>(Not applicable)</i>			NA
C. OTHER MAJOR HOURS <i>(Not applicable)</i>			NA
D. OTHER REQUIRED HOURS <i>(Not applicable)</i>			NA

** This program is approved by the State Board of Community Colleges to exceed maximum standard hours for a certificate program.
 [ref. 1D SBCCC 400.95(d)].

Curriculum Standard for Public Safety Administration

Career Cluster: Law, Public Safety, Corrections & Security

Cluster Description: Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Pathway: Public Safety Technologies

Effective Term: Fall 2019 (2019*03)

Program Majors Under Pathway:

Program Major / Classification of Instruction Programs (CIP) Code	Credentialed Level(s) Offered	Program Major Code
Public Safety Administration CIP Code 43.9999	AAS/Diploma/Certificate	A55480

Pathway Description: The Public Safety Administration curriculum is designed to provide students, as well as practitioners, with knowledge and skills in the technical, managerial, and administrative areas necessary for entrance or advancement within various public safety and government organizations.

Course work in diverse subject areas includes public safety administration and education, interagency operations, crisis leadership, government and agency financial management, professional standards, incident management, administrative law, and supervision, while providing a streamlined pathway that recognizes the value of previously earned skillsets and credentials within the public safety sector.

Employment opportunities exist with fire or police departments, emergency management organizations, governmental agencies, industrial firms, correctional facilities, private industries, insurance organizations, educational organizations, security and protective organizations, and through self-employment opportunities.

Public Safety Administration A55480

Recommended General Education Academic Core	AAS	Diploma	Certificate
Minimum General Education Hours Required:	15 SHC	6 SHC	0 SHC
<i>Courses listed below are recommended general education courses for this curriculum standard. Colleges may choose to include additional or alternative general education courses to meet local curriculum needs.</i>			
1. Communication:	6 SHC	3-6 SHC	Optional
ENG 111 Writing & Inquiry (UGETC) 3 SHC (UGETC)			
ENG 131 Introduction to Literature 3 SHC (UGETC)			
COM 231 Public Speaking 3 SHC (UGETC)			
COM 120 Intro. Interpersonal Communication 3 SHC			
ENG 112 Writing/Research in the Disc 3 SHC			
ENG 114 Prof Research & Reporting 3 SHC			
2. Humanities/Fine Arts:	3 SHC	0-3 SHC	Optional
ENG 231 American Literature I 3 SHC (UGETC)			
ENG 232 American Literature II 3 SHC (UGETC)			
HUM 110 Technology and Society 3 SHC			
HUM 115 Critical Thinking 3 SHC			
HUM 120 Cultural Studies 3 SHC			
HUM 121 The Nature of America 3 SHC			
PHI 240 Introduction to Ethics 3 SHC (UGETC)			
3. Social/Behavioral Sciences: N/A	3 SHC	0-3 SHC	Optional
POL 120 American Government 3 SHC (UGETC)			
PSY 150 General Psychology 3 SHC (UGETC)			
4. Natural Sciences/Mathematics: N/A	3 SHC	0-3 SHC	Optional
MAT 143 Quantitative Literacy 3 SHC (UGETC)			
MAT 152 Statistical Methods I 3 SHC (UGETC)			

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

II. Major Hours. AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. Below is a description of each section under Major Hours.

A. Technical Core. The technical core is comprised of specific courses which are required for all Program Majors under this Curriculum Standard. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the curriculum core courses or core subject area of the AAS program.

B. Program Major(s). The Program Major must include a minimum of 12 semester hour's credit from required subjects and/or courses. The Program Major is in addition to the technical core.

C. Other Major Hours. Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from each prefix listed, with the exception of prefixes listed in the core.

Public Safety Administration A55480	AAS	Diploma	Certificate																																																																																																				
Minimum Major Hours Required:	49 SHC	30 SHC	12 SHC																																																																																																				
<p>A. Technical Core: Required Courses:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">PAD</td> <td style="width: 10%;">151</td> <td style="width: 60%;">Intro to Public Admin</td> <td style="width: 20%; text-align: right;">3 SHC</td> </tr> <tr> <td>PAD</td> <td>252</td> <td>Public Policy Analysis</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>PAD</td> <td>254</td> <td>Grant Writing</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <td>EPT</td> <td>124</td> <td>EM Services Law & Ethics</td> <td style="text-align: right;">3 SHC <i>or</i></td> </tr> <tr> <td>FIP</td> <td>152</td> <td>Fire Protection Law</td> <td style="text-align: right;">3 SHC <i>or</i></td> </tr> <tr> <td>PAD</td> <td>152</td> <td>Ethics in Government</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <td>FIP</td> <td>228</td> <td>Local Govt Finance</td> <td style="text-align: right;">3 SHC <i>or</i></td> </tr> <tr> <td>PAD</td> <td>251</td> <td>Public Finance & Budgeting</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <td>CJC</td> <td>170</td> <td>Critical Incident Mgmt Pub Saf</td> <td style="text-align: right;">3 SHC <i>or</i></td> </tr> <tr> <td>EPT</td> <td>150</td> <td>Incident Management</td> <td style="text-align: right;">3 SHC</td> </tr> </table> <p>Select one course from the following:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CJC</td> <td style="width: 10%;">240</td> <td style="width: 60%;">Law Enfor Mgt. & Superv</td> <td style="width: 20%; text-align: right;">3 SHC</td> </tr> <tr> <td>EMS</td> <td>235</td> <td>EMS Management</td> <td style="text-align: right;">2 SHC</td> </tr> <tr> <td>FIP</td> <td>276</td> <td>Managing Fire Services</td> <td style="text-align: right;">3 SHC</td> </tr> </table> <p>B. Tracks. Choose one Subject Area minimum</p> <p>Correction Services:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">PST</td> <td style="width: 10%;">120</td> <td style="width: 60%;">NCDPS Correctional Officer Training</td> <td style="width: 20%; text-align: right;">8 SHC</td> </tr> </table> <p style="margin-left: 40px;">OR the following 3 courses:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CJC</td> <td style="width: 10%;">141</td> <td style="width: 60%;">Corrections</td> <td style="width: 20%; text-align: right;">3 SHC</td> </tr> <tr> <td>CJC</td> <td>225</td> <td>Crisis Intervention</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>CJC</td> <td>232</td> <td>Civil Liability</td> <td style="text-align: right;">3 SHC <i>or</i></td> </tr> <tr> <td>CJC</td> <td>233</td> <td>Correctional Law</td> <td style="text-align: right;">3 SHC</td> </tr> </table> <p>Emergency and Fire Management Services: Choose 12 SHC minimum from: EMT, EPT, EMS, FIP, or PST* *</p> <p>Law Enforcement Services: Choose 12 SHC Minimum from: CJC/PST** course prefixes including BLET).</p> <p>Security and Loss Prevention Services: Choose from CJC/PST** courses</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CJC</td> <td style="width: 10%;">151</td> <td style="width: 60%;">Intro to Loss Prevention</td> <td style="width: 20%; text-align: right;">3 SHC</td> </tr> <tr> <td>CJC</td> <td>152</td> <td>Intro to Sec/Protect Service</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>CJC</td> <td>153</td> <td>Private Security Operations</td> <td style="text-align: right;">3 SHC</td> </tr> <tr> <td>CJC</td> <td>154</td> <td>Private Security Business</td> <td style="text-align: right;">3 SHC</td> </tr> </table>	PAD	151	Intro to Public Admin	3 SHC	PAD	252	Public Policy Analysis	3 SHC	PAD	254	Grant Writing	3 SHC					EPT	124	EM Services Law & Ethics	3 SHC <i>or</i>	FIP	152	Fire Protection Law	3 SHC <i>or</i>	PAD	152	Ethics in Government	3 SHC					FIP	228	Local Govt Finance	3 SHC <i>or</i>	PAD	251	Public Finance & Budgeting	3 SHC					CJC	170	Critical Incident Mgmt Pub Saf	3 SHC <i>or</i>	EPT	150	Incident Management	3 SHC	CJC	240	Law Enfor Mgt. & Superv	3 SHC	EMS	235	EMS Management	2 SHC	FIP	276	Managing Fire Services	3 SHC	PST	120	NCDPS Correctional Officer Training	8 SHC	CJC	141	Corrections	3 SHC	CJC	225	Crisis Intervention	3 SHC	CJC	232	Civil Liability	3 SHC <i>or</i>	CJC	233	Correctional Law	3 SHC	CJC	151	Intro to Loss Prevention	3 SHC	CJC	152	Intro to Sec/Protect Service	3 SHC	CJC	153	Private Security Operations	3 SHC	CJC	154	Private Security Business	3 SHC	28-33 SHC		
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**Maximum 9 SHC awarded for PST																																																																																																							

B. Program Major(s): Not Applicable

C. Other Major Hours: To be selected from the following prefixes:

ASL, BIO, BUS, CCT, CET, CIS, CJC, CSC, CTI, CTS, DBA, ECO, EDU, EHS, EMS, ENG, EPT, FIP, GIS, HEA, HIS, HSE, LEX, NET, OST, PAD, PED, POL, PST, PSY, SEC, SOC, SPA, and WBL

Up to two semester hour credits may be selected from ACA.

Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA

IV. Employability Competencies

Fundamental competencies that address soft skills vital to employability, personal, and professional success are listed below. Colleges are encouraged to integrate these competencies into the curriculum by embedding appropriate student learning outcomes into one or more courses or through alternative methods.

- A. Interpersonal Skills and Teamwork** – The ability to work effectively with others, especially to analyze situations, establish priorities, and apply resources for solving problems or accomplishing tasks.
- B. Communication** – The ability to effectively exchange ideas and information with others through oral, written, or visual means.
- C. Integrity and Professionalism** – Workplace behaviors that relate to ethical standards, honesty, fairness, respect, responsibility, self-control, criticism and demeanor.
- D. Problem-solving** – The ability to identify problems and potential causes while developing and implementing practical action plans for solutions.
- E. Initiative and Dependability** – Workplace behaviors that relate to seeking out new responsibilities, establishing and meeting goals, completing tasks, following directions, complying with rules, and consistent reliability.
- F. Information processing** – The ability to acquire, evaluate, organize, manage, and interpret information.
- G. Adaptability and Lifelong Learning** – The ability to learn and apply new knowledge and skills and adapt to changing technologies, methods, processes, work environments, organizational structures and management practices.
- H. Entrepreneurship** – The knowledge and skills necessary to create opportunities and develop as an employee or self-employed business owner.

An **Employability Skills Resource Toolkit has been developed by NC-NET for the competencies listed above.*

Additional information is located at: <http://www.nc-net.info/employability.php>

***The North Carolina Career Clusters Guide was developed by the North Carolina Department of Public Instruction and the North Carolina Community College system to link the academic and Career and Technical Education programs at the secondary and postsecondary levels to increase student achievement. Additional information about Career Clusters is located at: http://www.nc-net.info/NC_career_clusters_guide.php or <http://www.careertech.org>.*

Summary of Required Semester Hour Credits (SHC) for each credential:

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18