NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
Thomas A. Stith III
President

NUMBERED MEMO CC22-037

To: Presidents
             Chief Academic Officers

From: Dr. Lisa Eads
             Associate Vice President, Programs

Subject: Curriculum Course Review Committee Course Approvals

Date: July 19, 2022

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 Fall 2022 CCRC meeting, held on May 25, 2022, 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), 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 5/25/22", since only the electronic version of the standard in Colleague will be revised.

Program Title	Program Code
Advertising and Graphic Design	A30100
Early Childhood Education	A55220
Lateral Entry (Certificate)	C55430
School-Age Care (Certificate)	C55450
School-Age Education	A55440

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 and/or course title of a core course.

Program Title	Program Code
Dental Hygiene	A45260

Credit for Prior Learning Policy – Construction Technologies CPL Crosswalk

The CCRC approved the proposed Credit for Prior Learning Policy (CPL) crosswalk for Construction Technologies with an added footnote that a portfolio or demonstration may be required at an individual college to award credit. The Construction Technologies CPL Crosswalk is attached and will be added to Chapter 19 Credit for Prior Learning in the Curriculum Procedures Reference Manual.

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, Associate Vice President, Programs, at eadsl@nccommunitycolleges.edu or (919) 807-7133.

LE/nd

Attachments
c: Curriculum Course Review Committee
     Dr. Levy Brown
     Ms. Michelle Lair
     Dr. Lori Byrd
     Ms. Reyna Rodriquez
     Program Coordinators

Curriculum Course Request Approved by the Curriculum Course Review Committee

May 25, 2022

Course Number	Course Title	Request	Effective Semester	Core Course
AQU 180	Operational Diving	New Course Request (Carteret CC)	Fall 2022	No
AQU 181	Operational Diving Skills	New Course Request (Carteret CC)	Fall 2022	No
CUL 288	Practical Meat Cutting	New Course Request (AB Technical CC)	Fall 2022	No
DEN 140	Dental Hygiene Theory II	Revision: Change course hours from "1-0-0-0-1" to "1-2-0-0-2", Change Course Description (Cape Fear CC)	Summer 2023	Yes
EDU 119	Introduction to Early Childhood	Revision: Change course description (Stanly CC)	Early Implementation Fall 2022	Yes
EDU 130	Social Environments for Children	New Course Request (Stanly CC)	Fall 2022	No
EDU 150	Building an Inclusive Classroom	New Course Request (Stanly CC)	Fall 2022	No
EDU 151	Creative Activities	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	Yes
EDU 154	Social / Emotional Behavior Development	Revision: Change course title; Change prerequisite(s) from EDU 144 & EDU 145 or PSY 244 & PSY 245 to None; Change Course Description (Stanly CC)	Early Implementation Fall 2022	No
EDU 157	Active Play	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	No

Course Number	Course Title	Request	Effective Semester	Core Course
EDU 158	Healthy Lifestyles-Youth	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	Yes
EDU 159	Building an Inclusive Classroom	New Course Request (Stanly CC)	Fall 2022	No
EDU 162	Observation and Assessment in ECE	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	No
EDU 163	Classroom Management and Instruction	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	Yes
EDU 184	Early Childhood Introductory Practicum	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	No
EDU 188	Issues in Early Childhood Education	Revision: Change Course Title, Change Course Description (Stanly CC)	Early Implementation Fall 2022	No
EDU 222	Learners with Behavior Disorders	Revision: Change Course Title, Change Course Description (Stanly CC)	Early Implementation Fall 2022	No
EDU 251	Exploration Activities	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	No
EDU 259	Curriculum Planning	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	No
EDU 271	Educational Technologies	Revision: Change Course Description (Stanly CC)	Early Implementation Fall 2022	Yes
GRD 110	Typography I	Revision: Change course hours from "2-2-0-0-3" to "2-3-0-0-3" (Wake Technical CC)	Early Implementation Fall 2022	Yes

Course Number	Course Title	Request	Effective Semester	Core Course
RCP 117	Respiratory Care Pharmacology	New Course Request (Pitt CC)	Fall 2022	No
TEX 113	Yarn Production Systems	Revision: Change course hours from "2-2-0-0-3" to "3-0-0-0-3" (Gaston CC)	Early Implementation Fall 2022	Yes

| Curriculum Program Title | Dental Hygiene | Program Code | **A45260** |
| Concentration | **(not applicable)** | CIP Code | *51.0602* |

Curriculum Description

The Dental Hygiene curriculum provides individuals with the knowledge and skills to assess, plan, implement, and evaluate dental hygiene care for the individual and the community.

Students will learn to prepare the operatory, take patient histories, note abnormalities, plan care, teach oral hygiene, clean teeth, take x-rays, apply preventive agents, complete necessary chart entries, and perform other procedures related to dental hygiene care.

Graduates of this program may be eligible to take national and state/regional examinations for licensure which are required to practice dental hygiene. Employment opportunities include dental offices, clinics, schools, public health agencies, industry, and professional 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

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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.

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**

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.

Dental Hygiene A45260

	AAS	Diploma	Certificate
Minimum Major Hours Required	**49 SHC**	**30 SHC**	**12 SHC**
A. CORE	**54-55 SHC**	NR	

CC22-037

Required Courses:

BIO 175	General Microbiology	3 SHC
DEN 110	Orofacial Anatomy	3 SHC
DEN 111	Infection/Hazard Control	2 SHC
DEN 112	Dental Radiography	3 SHC
DEN 120	Dental Hygiene Preclinic Lecture	2 SHC
DEN 121	Dental Hygiene Preclinic Laboratory	2 SHC
DEN 123	Nutrition/Dental Health	2 SHC
DEN 124	Periodontology	2 SHC
DEN 130	Dental Hygiene Theory I	2 SHC
DEN 131	Dental Hygiene Clinic I	3 SHC
DEN 140	Dental Hygiene Theory II	2 SHC
DEN 141	Dental Hygiene Clinic II	2 SHC
DEN 220	Dental Hygiene Theory III	2 SHC
DEN 221	Dental Hygiene Clinic III	4 SHC
DEN 222	General and Oral Pathology	2 SHC
DEN 223	Dental Pharmacology	2 SHC
DEN 224	Materials and Procedures	2 SHC
DEN 230	Dental Hygiene Theory IV	1 SHC
DEN 231	Dental Hygiene Clinic IV	4 SHC
DEN 232	Community Dental Health	3 SHC
DEN 233	Professional Development	2 SHC

Required Subject Areas:

Anatomy & Physiology. Select one course:

BIO 163	Basic Anatomy & Physiology	5 SHC
BIO 165	Anatomy and Physiology I	4 SHC
BIO 168	Anatomy and Physiology I	4 SHC

B.   CONCENTRATION *(Not applicable)*

Continued on next page

CC22-037

Dental Hygiene A45260 (Continued)

C. **OTHER MAJOR HOURS** *To be selected from the following prefixes:*			
BIO, CHM, CIS, CSC, DEN, HSC, 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.*			

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Credit for Prior Learning Policy:
Construction Technologies CPL Crosswalk
Summary

CCRC approved request items for the Credit for Prior Learning Policy – Construction Technologies with an added footnote that a portfolio or demonstration may be required at an individual college to award credit. The Construction Technologies CPL Crosswalk is attached and will be added to Chapter 19 Credit for Prior Learning in the Curriculum Procedures Reference Manual.

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CPL Construction Credentials to Course Crosswalk

Industry Certification:	Issuing Industry/Organization:	Credit Hours:	Curriculum Course #:	Course Title:	*Suggested Evidences:
NCCER Core Curriculum	National Center for Construction Education & Research (NCCER) www.nccer.org	3 SHC	WOL 110	Basic Construction Skills	Per College Policy
NCCER Construction Technology - Level 1	National Center for Construction Education & Research (NCCER) www.nccer.org	4 SHC	CST 111	Construction I	Per College Policy
NCCER Construction Technology - Level 2	National Center for Construction Education & Research (NCCER) www.nccer.org	4 SHC	CST 112	Construction II	Per College Policy
NCCER Welding - Level 1	National Center for Construction Education & Research (NCCER) www.nccer.org	2 SHC 2 SHC 5 SHC	WLD 110 WLD 112 WLD 115	Cutting Processes Basic Welding Processes SMAW (Stick) Plate	Per College Policy
NCCER Welding - Level 2	National Center for Construction Education & Research (NCCER) www.nccer.org	4 SHC 4 SHC 3 SHC	WLD 121 WLD 131 WLD 141	GMAW (MIG) FCAW/Plate GTAW (TIG) Plate Symbols & Specifications	Per College Policy
NCCER Welding - Level 3	National Center for Construction Education & Research (NCCER) www.nccer.org	3 SHC 3 SHC 4 SHC	WLD 122 WLD 132 WLD 214	GMAW (MIG) Plate/Pipe GTAW (TIG) Plate/Pipe Sanitary Welding	Per College Policy

*A portfolio or demonstration may be required at an individual college to award credit.

Industry Certification:	Issuing Industry/Organization:	Credit Hours:	Curriculum Course #:	Course Title:	*Suggested Evidences:
NCCER Carpentry Level 1	National Center for Construction Education & Research (NCCER) www.nccer.org	2 SHC 8 SHC 4 SHC 3 SHC	CAR 110 or CAR 111 or CAR 140 or FMW 107	Intro to Carpentry Carpentry I Basic Carpentry Intro to Carpentry	Per College Policy
NCCER Carpentry - Level 2	National Center for Construction Education & Research (NCCER) www.nccer.org	4 SHC 4 SHC	CST 111 CST 112	Construction I Construction II	Per College Policy
NCCCER Electrical Lineman	National Center for Construction Education & Research (NCCER) www.nccer.org	3 SHC	ELC 111	Intro to Electricity	Per College Policy
NCCER Electrical Technician - Level 1	National Center for Construction Education & Research (NCCER) www.nccer.org	3 SHC 4 SHC 1 SHC	ELC 111 or ELC 113 AND ISC 110	Intro to Electricity Residential Wiring Workplace Safety	Per College Policy
NCCER Electrical Technician - Level 2	National Center for Construction Education & Research (NCCER) www.nccer.org	5 SHC	ELC 122	DC/AC Electricity	Per College Policy
NCCER Heating, Ventilating, and Air Conditioning Level 1	National Center for Construction Education & Research (NCCER) www.nccer.org	5 SHC	AHR 110	Intro to Refrigeration	Per College Policy
NCCER Heating, Ventilating, and Air Conditioning - Level 2-3	National Center for Construction Education & Research (NCCER) www.nccer.org	3 SHC 3 SHC 4 SHC	ELC 111 and AHR 111 and AHR 114	Intro to Electricity HVACR Electricity Heat Pump Technology	Per College Policy
NCCER Heavy Equipment Operators - Level 1 - 3	National Center for Construction Education & Research (NCCER) www.nccer.org	12 SHC	HEO 111	Heavy Equipment Operations I	Per College Policy
NCCER Masonry - Level 1	National Center for Construction Education & Research (NCCER) www.nccer.org	2 SHC	MAS 140	Intro to Masonry	Per College Policy

*A portfolio or demonstration may be required at an individual college to award credit.

Industry Certification:	Issuing Industry/Organization:	Credit Hours:	Curriculum Course #:	Course Title:	*Suggested Evidences:
NCCER Masonry - Level 2-3	National Center for Construction Education & Research (NCCER) www.nccer.org	10 SHC	MAS 110	Masonry I	Per College Policy
NCCER Plumbing - Level 1	National Center for Construction Education & Research (NCCER) www.nccer.org	2 SHC	PLU 111	Intro to Basic Plumbing	Per College Policy
NCCER Plumbing - Level 2	National Center for Construction Education & Research (NCCER) www.nccer.org	4 SHC	PLU 115	Basic Plumbing	Per College Policy
OSHA-10 Certification Construction	USDOL Occupational Safety and Health Administration https://www.osha.gov/	1 SHC	ISC 110	Workplace Safety	Certification specific to Construction
OSHA-30 Certification – Construction	USDOL Occupational Safety and Health Administration https://www.osha.gov/	3 SHC 3 SHC	CST 131 CMT 212	OSHA/Safety/ Certification Total Safety Performance	Certification specific to Construction
AWS SENSE- Flux Cored Arc Welding (FCAW)	AWS SENSE- Flux Cored Arc Welding (FCAW) https://www.senseonline.org/	4 SHC	WLD 121	GMAW (MIG) FCAW/Plate	Must meet AWS Requirements
AWS SENSE- Gas Metal Arc Welding (GMAW)	AWS SENSE- Gas Metal Arc Welding (GMAW) https://www.senseonline.org/	4 SHC or 3 SHC	WLD 121 or WLD 122	GMAW (MIG) FCAW/Plate GMAW (MIG) Plate/Pipe	Must meet AWS Requirements
AWS SENSE- Shielded Metal Arc Welding (SMAW)	AWS SENSE- Shielded Metal Arc Welding (SMAW) https://www.senseonline.org/	5 SHC 4 SHC	WLD 115 or WLD 116	SMAW (Stick) Plate SMAW (stick) Plate/Pipe	Must meet AWS Requirements
ESCO Employment Ready: Air Conditioning	ESCO Employment Ready: Air Conditioning	5 SHC	AHR 110	Intro to Refrigeration	Award AHR 110 for both ESCO Air Conditioning & Basic Refrigeration and Charging

*A portfolio or demonstration may be required at an individual college to award credit.

Industry Certification:	Issuing Industry/Organization:	Credit Hours:	Curriculum Course #:	Course Title:	*Suggested Evidences:
ESCO Employment Ready: Basic Refrigeration and Charging	ESCO Employment Ready: Basic Refrigeration and Charging https://www.escogroup.org/	See add Comments	AHR 110	Intro to Refrigeration	Award AHR 110 for both ESCO Air Conditioning & Basic Refrigeration and Charging
ESCO Employment Ready: Duct and Envelope Testing	ESCO Employment Ready: Duct and Envelope Testing https://www.escogroup.org/	2 SHC	AHR 151	HVAC Duct Systems I	Per College Policy
Industry Certification:	**Issuing Industry/Organization:**	**Credit Hours:**	**Curriculum Course #:**	**Course Title:**	***Suggested Evidences:**
ESCO Employment Ready: Heat Pump	ESCO Employment Ready: Heat Pump https://www.escogroup.org/	4 SHC	AHR 114	Heat Pump Technology	Per College Policy
ESCO Employment Ready: HVAC Electrical	ESCO Employment Ready: HVAC Electrical https://www.escogroup.org/	3 SHC 3 SHC	AHR 111 or ELC 111	HVACR Electricity Intro to Electricity	Per College Policy
NABCEP PV Installer Specialist Certification	North American Board of Certified Energy Practitioners requires decision-making role experience in PV installations. Requires OSHA 10 http://www.nabcep.org/wp-content/uploads/2018/02/NABCEP-Certification-Handbook-V2018.compressed.pdf#page=14	3 SHC	ELC 220	Photovoltaic Sys Tech	Per College Policy
CFC/EPA Certification Section 608 (Universal)	NC State Board of Refrigeration Examiners http://refrigerationboard.org/cfc/index.html or ESCO or other appropriate EPA approved entity	1 SHC	AHR 160	Refrigerant Certification	Per College Policy
Certificate for Apartment Maintenance Technician	National Apartment Association Education Institute (meets with American National Standards Institute), requires 12 Months	2 SHC	MNT 150	Basic Building Maintenance	Per College Policy

*A portfolio or demonstration may be required at an individual college to award credit.

	experience , 80 hour coursework, exam standards https://www.naahq.org/education-careers/naaei-credentials				
Industry Certifications for Local Credit for Prior Learning (Suggested by Faculty Panel)					
Industry Certification:	**Issuing Industry/Organization:**	**Credit Hours:**	**Curriculum Course #:**	**Course Title:**	***Suggested Evidences:**
NCCER Welding - Level 4	National Center for Construction Education & Research (NCCER) www.nccer.org	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process
NCCER Carpentry - Level 3-4	National Center for Construction Education & Research (NCCER) www.nccer.org	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process
NCCER Electrical Technician - Level 3-4	National Center for Construction Education & Research (NCCER) www.nccer.org	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process
NCCER Plumbing - Level 3	National Center for Construction Education & Research (NCCER) www.nccer.org	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process
Carpentry	Home Builders Institute https://www.senseonline.org/	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process
Construction	Home Builders Institute https://www.senseonline.org/	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process
Electrical Technician	Home Builders Institute https://www.senseonline.org/	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process
Electrical Contractor	NC State Board of Examiners of Electrical Contractors https://www.ncbeec.org/	NR	NR	NR	Recommended for Portfolio Assessment/Challenge Exam Process

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AWS SENSE - Thermal Cutting Process	AWS SENSE - Thermal Cutting Process https://www.senseonline.org/	NR	NR	NR	Per College Policy No equivalent course
Universal R-410a Certification	Environmental Protection Agency (EPA)		n/a		No Equivalent Course
WCA Sawblade Certificate	Woodwork Career Alliance (WCA)		n/a		No Equivalent Course

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