

**STATE BOARD OF COMMUNITY COLLEGES
Curriculum Standard Hour Revision**

The State Board is asked to approve a revision to the following curriculum standard:

Catawba Valley Community College
Emergency Medical Science (A45340)

Pitt Community College
Advanced Medical Coding (Certificate) (C45530)

STATE BOARD OF COMMUNITY COLLEGES
Curriculum Standard Revision

Catawba Valley Community College
Emergency Medical Science (A45340)

Request: The State Board of Community Colleges is asked to approve Catawba Valley Community College's request to revise the Emergency Medical Science (A45340) curriculum standard with an effective term of Spring 2019.

Proposed Revisions:

- Revise the curriculum core by making the following changes:
 - Add the following course as an option to the Anatomy & Physiology subject area:
 BIO 161 Intro to Human Biology
 - Remove the Terminology subject area.
 - Identify by an * the required courses for a diploma.

Note: The proposed curriculum standard revision includes revised courses presented to the Curriculum Course Review Committee (CCRC) on October 9, 2018. The revision of courses to the core resulted in a change of core hours from 40 SHC to 48-50 SHC for the diploma program. The revision of courses to the core resulted in a change of core hours from 49-52 to 48-50 for the associate degree program.

Rationale: The Emergency Medical Science Program Directors have designated additional core courses for the diploma to maintain compliance with the Office of Emergency Medical Services (OEMS) and the Commission on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). The recommendation to add an additional anatomy and physiology course to the required subject area will provide additional options for students at the diploma level. Removing medical terminology from the required section area of the core will allow colleges the flexibility to use it in other major.

Vote Results:

Colleges approved to offer the program:	33
Colleges in favor of recommendations:	31
College opposed to recommendations:	0
Colleges that declined to vote:	2

Contact(s):

Renee Batts
 Associate Director

PROPOSED

CURRICULUM STANDARD

Effective Term

Fall 2017

[2017*03]

Spring 2019

[2019*01]

Curriculum Program Title

Emergency Medical Science

Program
Code

A45340

Concentration

(not applicable)

CIP
Code:

51.0904

Curriculum Description

The Emergency Medical Science curriculum provides individuals with the knowledge, skills and attributes to provide advanced emergency medical care as a paramedic for critical and emergent patients who access the emergency medical system and prepares graduates to enter the workforce.

Students will gain complex knowledge, competency, and experience while employing evidence based practice under medical oversight, and serve as a link from the scene into the healthcare system.

Graduates of this program may be eligible to take state and/or national certification examinations. Employment opportunities include providers of emergency medical services, fire departments, rescue agencies, hospital specialty areas, industry, educational and government agencies.

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 48	12
Other Required Hours	0-7	0-4	0-1

*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.

Proposed**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.

Emergency Medical Science A45340

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
CORE (<i>Courses required for the diploma are designated with *</i>)	49-52 SHC	40 SHC	

<p>Required Course: * EMS 110 EMT 8 9 SHC</p> <p>Required Subject Areas: Anatomy & Physiology. Select one: * BIO 161 Intro to Human Biology 3 SHC <i>or</i> * BIO 163 Basic Anatomy & Physiology 5 SHC BIO 166 Anatomy and Physiology II 4 SHC BIO 169 Anatomy and Physiology II 4 SHC</p> <p>Terminology. Select one sequence: MED 120 Survey of Med Terminology I 2 SHC <i>or</i> MED 121 Medical Terminology I 3 SHC & MED 122 Medical Terminology II 3 SHC <i>or</i> OST 141 Med Office Terms I 3 SHC & OST 142 Med Office Terms II 3 SHC</p> <p>Required Subject Area: Advanced EMT/Paramedic (Choose one of the following sets)</p> <p>Advanced EMT EMS 120 Advanced EMT 6 SHC EMS 121 AEMT Clinical Practicum 2 SHC</p> <p>Paramedic * EMS 122 EMS Clinical Practicum I 1 SHC * EMS 130 Pharmacology 4 SHC * EMS 131 Advanced Airway Management 2 SHC * EMS 160 Cardiology I 2 3 SHC * EMS 220 Cardiology II 3 SHC * EMS 221 EMS Clinical Practicum II 2 SHC * EMS 231 EMS Clinical Practicum III 3 SHC * EMS 240 Patients with Special Challenges 2 SHC * EMS 241 EMS Clinical Practicum IV 4 SHC * EMS 250 Medical Emergencies 4 SHC * EMS 260 Trauma Emergencies 2 SHC * EMS 270 Life Span Emergencies 3 4 SHC * EMS 285 EMS Capstone 2 SHC</p>	48-50 SHC	48-50 SHC	
<p>B. CONCENTRATION (<i>Not applicable</i>)</p>			
<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes: BIO, CIS, CSC, EMS, EPT, HSC, MED, ODL, OST, PED, and WBL.</i></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>			

**** This program is approved by the State Board of Community Colleges to exceed maximum standard hours for a diploma program [ref. 1D SBCCC 400.9 (c)].**

STATE BOARD OF COMMUNITY COLLEGES
Curriculum Standard Revision
Pitt Community College
Advanced Medical Coding (Certificate) (C45530)

Request: The State Board of Community Colleges is asked to approve Pitt Community College's request to revise the Advanced Medical Coding (Certificate) (C45530) curriculum standard with an effective term of Fall 2019.

Proposed Revisions:

- Revise the curriculum description.

- Remove the following course from the core:
AMC 208 Advanced Medical Coding Lab II

- Add the following anatomy & physiology pick list to the core:
BIO 165 Anatomy and Physiology I &
BIO 166 Anatomy and Physiology II or

BIO 168 Anatomy and Physiology I &
BIO 169 Anatomy and Physiology II or

BIO 163 Basic Anatomy & Physiology

- Add the following pick list to the core:
BIO 271 Pathophysiology
HIT 226 Principles of Disease

Rationale: The curriculum description limits the program to graduates of a Commission on Accreditation for Health Informatics and Information Management (CAHIIM) accredited health information program. The proposed additional courses will provide colleges the opportunities to offer the program to a greater student population that can enter the workforce as Advanced Medical Coders.

Vote Results:

Pitt Community College is the only college approved to offer the program.

Contact(s):

Renee Batts
Associate Director

PROPOSED CURRICULUM STANDARD

Effective Term

Fall 2017

Fall 2019

~~[2017*03]~~

[2019*03]

Curriculum Program Title	Advanced Medical Coding (Certificate) (Diploma)	Program Code	C45530 D45XXX
Concentration	(not applicable)	CIP Code	51.0707

Curriculum Description

The Advanced Medical Coding curriculum provides the didactic and clinical experience necessary to become competent credentialed coders.

Coursework includes reimbursement, advanced International Classification of Diseases-10th Revision-Clinical Modification/Procedure Coding System (ICD-10-CM/PCS), Current Procedural Terminology (CPT), and Healthcare Common Procedure Coding System (HCPCS).

Graduates may be eligible to take either of the Certified Coding Specialist exams: the Certified Coding Specialist and/or the Certified Coding Specialist-Physician Based (CCS/CCS-P).

Individuals entering this curriculum must be a graduate of a Commission on Accreditation for Health Informatics and Information Management (CAHIIM) accredited health information program hold a minimum of an associate's degree in a healthcare field or health informatics from a regionally accredited college or university.

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	24
Other Required Hours	0-7	0-4	0

*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.

Proposed 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 of 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.

Advanced Medical Coding (~~Certificate~~ (C45530) (Diploma) (D45XXX)

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	24 SHC**
A. CORE		30 SHC	24
Required Courses:			
AMC 200 Health Information for Coders 2 SHC			
AMC 201 Legal and Compliance 2 SHC			
AMC 202 Coding for Reimbursement 2 SHC			
AMC 203 Intermediate ICD Diagnoses 3 SHC			
AMC 204 Intermediate ICD Procedures 3 SHC			
AMC 205 Intermediate CPT Coding 3 SHC			
AMC 206 Clinical Documentation 3 SHC			
AMC 207 Advanced Medical Coding Lab I 2 SHC			
AMC 208 Advanced Medical Coding Lab II 2 SHC			
AMC 209 Professional Practice Exp. 2 SHC			
BIO 271 Pathophysiology 3 SHC or			
HIT 226 Principles of Disease 3 SHC			
ANATOMY & PHYSIOLOGY Select one sequence:			
BIO 165 Anatomy & Physiology I 4 SHC &			
BIO 166 Anatomy & Physiology II 4 SHC or			
BIO 168 Anatomy & Physiology I 4 SHC &			
BIO 169 Anatomy & Physiology II 4 SHC or			
BIO 163 Basic Anatomy and Physiology 5 SHC			
B. CONCENTRATION (not applicable)			

<p>C. OTHER MAJOR HOURS <i>(not applicable)</i> <i>To be selected from the following prefixes: AMC, BIO, HIT, MED, and OST</i> <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> .</p>			
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***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)]*