

STATE BOARD OF COMMUNITY COLLEGES

CURRICULUM PROGRAM APPLICATION

The State Board will be asked to approve the curriculum program at the college listed on the condition that equipment funds are available to the college and operating funds generated by the budget formula will permit the offering of this program without any special allocation of funds.

Bladen Community College

Emergency Medical Science (A45340)

Contact Person:

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Academic Programs

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**PROGRAM APPLICATION
SUMMARY EVALUATION REPORT
Bladen Community College
Emergency Medical Science (A45340)**

I. Program Planning

Bladen Community College is seeking approval for the Emergency Medical Science (A45340) program to begin Fall 2015. The planning area is defined as the college's service area of Bladen County in addition to Cumberland County. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at Bladen Community College on October 28, 2014. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of Bladen Community College have certified the following:

- The proposed program will enhance the workforce of North Carolina, will provide educational and training opportunities consistent with the mission of the college, and will not duplicate the opportunities currently offered.
- They have assessed the need for the proposed program and the resources required to maintain a viable program and certify that the college can operate the proposed program efficiently and effectively within the resources available to the college.
- The college will complete a program accountability report including student success measures, enrollment trends, completion rates, and employment data three years after implementation of the program.

II. Program Rationale

Bladen Community College (BCC) indicates the following:

- BCC has offered Emergency Medical Science (EMS) training in the continuing education division for thirty-nine years. Over the past seven years, BCC enrolled 481 students in their emergency medical technician (EMT) Basic course, 217 students enrolled in their EMT Intermediate course and 508 students enrolled in their Paramedic course. Completers of the courses are eligible for entry-level EMT and paramedic positions.
- BCC has the resources (personnel, equipment, facilities, and clinical placements) available to implement the proposed program.
- A survey completed by BCC determined Bladen County EMS employs twenty-two full-time and forty part-time employees. Bladen County EMS informed BCC they are very interested in the availability of the associate degree in EMS for their personnel. Surveyed employers in Cumberland County indicate they employ one hundred and fifty EMS staff. Cumberland EMS projects twenty full-time job openings in 2015 and fifty full-time job openings within the next two years.
- The U.S. Bureau of Labor Statistics predicts that "employment of emergency medical technicians and paramedics is expected to grow by thirty-three percent from 2010 to 2020". Data from the N.C. Department of Commerce coincides with the national data indicating an increase of approximately thirty-one percent in the field. A study of the Lumbar River region has projected a thirty-six percent (2,300 new jobs) increase in EMS personnel by 2020.

- Letters of support for the EMS program were submitted to BCC by local employers and stakeholders who include: the town manager of Elizabethtown, Bladen County EMS, Bladen County Schools, the Elizabethtown-White Lake Area Chamber of Commerce, the Bladen County town manager, and the Mayor of Bladenboro.
- Fifty-three of the fifty-nine continuing education EMT students surveyed by BCC indicated interest in the proposed EMS program. In addition, the college surveyed Bladen County high school students to determine their interest in enrolling in the EMS program. One hundred and two students (29%) of the three hundred and forty six respondents are interested in the program.

III. Impact of the Proposed Program on Other Programs

Twenty-six community colleges are approved to offer the Emergency Medical Science program. An impact assessment was sent to each college. Initially, Lenoir Community College expressed objections due to clinical sites that may be utilized by BCC. This issue has been resolved and the objection has been removed.

IV. Implementation of Collaborative Plan

Not Applicable

V. Curriculum Design

The proposed program of study is in compliance with the State Board approved curriculum standard.

Coordinator: Ms. Renee Batts

C. Institutional Certification: Complete the following form and obtain required signatures. Form with original signatures should be included in the application.

Institutional Certification

This curriculum program Emergency Medical Science A45340
(Program Title) (Program Code)

will enhance the workforce of North Carolina, will provide educational and training opportunities consistent with the mission of the college, and will not duplicate the opportunities currently offered.

Bladen Community College
(Community College Name)

has assessed the need for this program and the resources required to maintain a viable program and certifies that the college can operate this program efficiently and effectively within the resources available to the college.

The college understands that this proposed program will require a program accountability report that will include items such as student success measures, enrollment trends, completion rates, and employment data three years after implementation if the program is approved by the State Board.

(A copy of the minutes from the Board of Trustees meeting(s) where the proposed program was discussed and approved must be attached to the application.)

William Ford October 22, 2014
Signature, President of College Date

Dennis Tracy 10-28/14
Signature, Board of Trustees Chair Date

CURRICULUM STANDARD

Effective Term
Spring 2014
[2014*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 ID SBCCC 400.97 (3)]

- 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

[ref. 1D SBCCC 400.97(3)]

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
A. CORE (Courses required for the diploma are designated with *)	49-52 SHC	40 SHC	
Required Course: *EMS 110 EMT 8 SHC Required Subject Areas: Anatomy & Physiology. Select one: BIO 163 Basic Anatomy & Physiology 5 SHC BIO 166 Anatomy and Physiology II 4 SHC BIO 169 Anatomy and Physiology II 4 SHC Terminology. Select one sequence: MED120 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 Medical Terminology I - Medical Office 3 SHC & OST 142 Medical Terminology II - Medical Office 3 SHC Required Subject Area: Advanced EMT/Paramedic (Choose one of the following sets) Advanced EMT EMS 120 Advanced EMT 6 SHC EMS 121 AEMT Clinical Practicum 2 SHC 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 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 SHC EMS 285 EMS Capstone 2 SHC			
B. CONCENTRATION (Not applicable)			
C. OTHER MAJOR HOURS To be selected from the following prefixes: <i>BIO, CIS, CSC, EMS, EPT, HSC, MED, ODL, OST, PED, and WBL.</i> Up to three semester hour credits may be selected from the following prefixes: <i>ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA</i>			