

**STATE BOARD OF COMMUNITY COLLEGES
CURRICULUM PROGRAM APPLICATIONS
Fast Track for Action [FTFA*]**

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

McDowell Technical Community College
Emergency Medical Science (A45340)

Rockingham Community College
Agribusiness Technology (A15100)

Background: Program applications must meet the following criteria in order to be placed on the Fast Track For Action (FTFA) program approval request presented to the State Board of Community Colleges as part of the consent agenda:

- The curriculum program title currently exists within the System and does not require the creation of a new program title and new curriculum standard;
- The application is complete, requires no further analysis or documentation, and has the endorsement of Academic Programs;
- There are no negative impact assessments from other colleges; and
- The college does not go outside of its service area for planning purposes.

Contact(s):
Dr. Lisa Eads
Director

STATE BOARD OF COMMUNITY COLLEGES
PROGRAM APPLICATION
SUMMARY EVALUATION REPORT
McDowell Technical Community College
Emergency Medical Science (A45340)

Program Planning

McDowell Technical Community College is seeking approval for the Emergency Medical Science (A45340) program to begin Spring, 2020. The planning area is defined as the college's service area of McDowell County. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at McDowell Technical Community College on May 9, 2019. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of McDowell Technical 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.

Program Rationale

McDowell Technical Community College (MTCC) indicates the following:

- MTCC currently offers coursework in emergency medical services through continuing education. The purpose of the AAS Emergency Medical Science program is to meet the growing need for paramedics in the community as well as to create a bridge option for current paramedics to access the educational credentials necessary to meet the requirements of the NC Office of Emergency Services by 2023.
- The U.S. Bureau of Labor Statistics projects: *employment of emergency medical technicians and paramedics is expected to grow by fifteen percent from 2016 to 2026, much faster than the average for all occupations. Emergencies, such as car crashes, natural disasters, and acts of violence, will continue to create demand for EMTs and paramedics.*
- McDowell County is a rural county with a stellar continuing education emergency management program with a reputation of preparing its candidates for successful entry into the workplace. There are 11 current job openings for paramedics and 5-10 anticipated openings for paramedic professionals in the next 3 years. The entry level salary is \$35-\$45,000 per year.

- Multiple letters of support were received from stakeholders. Seven letters of support for the Associate in Emergency Management were received from Emergency Management Agencies in the service area. The current Medical Director, Dr. Edward St. Bernard states that for over 20 years McDowell Tech has educated EMS professionals for this rural area. Without it there would be a severe shortage of medics. William Kehler, McDowell County Emergency Services Director, adds that McDowell Tech is the primary source of recruitment for their agency. Ricky Wright, McDowell County Rescue Squad Director, states that by enhancing education the population of this area can receive services more effectively and with more knowledge and skills.
- The program expects to sufficient demand for adults to start this program immediately. The program expects continued growth of Career and College Promise Students from McDowell High School. One hundred and eight adult, MAW and CCP students were surveyed for interest. Fifty four percent of the respondents indicated interest in the Emergency Medical Services program.

Impact of the Proposed Program on Other Programs

Thirty-five community colleges are approved to offer the Emergency Medical Science program (A45340). This program contains a clinical component; therefore, each college was provided with a program impact assessment from McDowell Technical Community College. **All 35 colleges approved to offer the program are in agreement with the impact assessment.**

Implementation of Collaborative Plan

Not Applicable

Curriculum Design

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

Curriculum Description as Designated on Curriculum Standard

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.

Contact(s):

Dr. Lori Byrd
Associate Director

STATE BOARD OF COMMUNITY COLLEGES
PROGRAM APPLICATION
SUMMARY EVALUATION REPORT
Rockingham Community College
Agribusiness Technology (A15100)

Program Planning

Rockingham Community College is seeking approval for the Agribusiness Technology (A15100) program to begin Spring, 2020. The planning area is defined as the college's service area of Rockingham County. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at Rockingham Community College on January 16, 2018. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of Rockingham 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.

Program Rationale

Rockingham Community College (RCC) indicates the following:

- Agriculture in North Carolina accounts for \$84 billion dollars which constitutes 17% of the state economy and 17% of the state workforce.
- Rockingham County ranks in the top 50% of the state in the production of hay, tobacco, wheat, cattle, and hogs.
- Statistics from the US Department of Agriculture and the NC Department of Agriculture reported that there are 902 farms in Rockingham County which make up approximately 112,000 acres that produce more than \$32,804,000.00 in crops and livestock.
- The average age of the farmers that manage operations in Rockingham County is approximately 60 years of age. There is an evident need to prepare a younger agribusiness workforce in order to continue to produce the needed crops and animals for the state.
- The NC Occupational Trends 2014-2024 estimates that North Carolina will see a 3% increase in job openings for Agricultural and Food Science Technicians and an increase of 12% in

Agricultural Equipment Operator positions.

- Graduates of the Agribusiness Technology program will be qualified for a variety of jobs in agricultural businesses such as equipment, feed, and agricultural supply sales; store management; farm operations, wholesale and retail produce management; nursery operations; and environmental and agricultural education.
- The college plans to pursue a Career and College Promise pathway(s) for high school students if approved for the program.
- RCC also plans to partner with NC State's "PackTrac" and NC A&T to create new agriculture articulation opportunities for RCC students once this program has been established.
- Several letters of support were submitted on behalf of this program, including letters from Big Apple Farm Supply, the Rockingham County NC Cooperative Extension Office, and Rockingham County Schools. Additionally, several individuals offered their support for the program including representatives from the Reidsville Famers Market, Southern States, Y & W Farm Supply, the Oak House (Agriculture Tourism and Corn Maze), Autumn Creek Vineyard, Farm Credit and a bee keeper and several individual farmers.

Impact of the Proposed Program on Other Programs

Fifteen colleges are approved to offer the Agribusiness Technology (A15100) program. None of the currently approved programs are located in contiguous counties to RCC. Therefore, an impact assessment was not required.

Implementation of Collaborative Plan

Not Applicable

Curriculum Design

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

Curriculum Description as Designated on Curriculum Standard

This curriculum is designed to provide the entrepreneurial and technical skills necessary to manage a profitable, environmentally sound, community based small farm or agricultural business. The objective is the development of a workforce knowledgeable in sustainable agriculture practices. Students will learn the fundamentals of agriculture, focusing on crop production and business. Emphasis is placed on entrepreneurial and field training. Students will also learn the basic principles of our economic system and government policies and programs relating to agriculture. Graduates should qualify for a variety of jobs in agricultural businesses such as equipment, feed, and agricultural supply sales; store management; farm operations; wholesale and retail produce management; nursery operations; and environmental and agricultural education.

Contact(s):

Dr. Lisa Eads
Director