

**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 programs 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 these program without any special allocation of funds.

College of The Albemarle
Health and Fitness Science (A45630)

Johnston Community College
Phlebotomy (Certificate) (C45600)

Montgomery Community College
Phlebotomy (Certificate) (C45600)

Vance-Granville Community College
Histotechnology (A45370)

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:

Ms. Jennifer Frazelle
Director

**STATE BOARD OF COMMUNITY COLLEGES
PROGRAM APPLICATION – SUMMARY EVALUATION REPORT
College of The Albemarle
Health and Fitness Science (A45630)**

I. Program Planning

College of the Albemarle is seeking approval for the Health and Fitness Science (A45630) program to begin Fall 2016. The planning area is defined as the college's service area of Pasquotank, Perquimans, Gates, Camden, Currituck, Dare, and Chowan counties. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at College of The Albemarle on December 15, 2015. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of College of The Albemarle 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

College of The Albemarle (COA) indicates the following:

- According to the Center for Disease Control & Prevention, *two-thirds of Americans are overweight, one-third of Americans are obese, half of Americans are at risk of heart disease, one-quarter of deaths in the U.S. are attributed to heart disease, and over 9% of Americans have diabetes.*
- According to the 2013 Pasquotank County Community Assessment, obesity, heart disease, and diabetes are significant health problems in the region. In addition, over 15% of the citizens in the Albemarle region are over 65 years of age, and they anticipate a significant increase in this age group over the next 15 years.
- Locally, since obesity, heart disease, and diabetes are significant health problems and the population is aging the Health and Fitness Science program would meet a community need.

- The U.S. Bureau of Labor Statistics estimates that employment for fitness professionals is expected to increase by 13% between 2012 and 2022.
- North Carolina employment data indicated that 100% of Health and Fitness Science graduates from 2011-2012 were employed or enrolled in an advanced educational program within one year of graduation. (NCtower.com)
- COA completed a program planning survey that identified 238 potential Health and Fitness Science applicants.
- Dedicated classroom and lab space has been identified for the Health and Fitness Science program.
- The program would only require one additional adjunct part-time faculty with specialization in the field.
- Because of the broad nature of this entry-level degree, a number of potential employment sites have been identified across the seven county region including: Parks and Recreation Departments, Boys and Girls Clubs, hospitals, rehabilitation centers, senior centers, nursing homes, local schools, special education classrooms and after-school programs.
- The district vice president of the YMCA stated the following: *We need equipped coaches and leaders to help our community make a lifestyle change. One of the essential elements for a lifestyle coach is a basic understanding of the health and fitness sciences. A Health and Fitness Science program would help equip these future leaders to inspire and change others. A graduate could become employed as a personal trainer, wellness coach, YMCA Change coach, department leader or even as a division director.*

III. Impact of the Proposed Program on Other Programs

Ten colleges are approved to offer the Health and Fitness Science program. The colleges are not located in a contiguous county to College of the Albemarle, therefore, an **impact assessment was not required.**

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.

VI. Curriculum Description as Designated on Curriculum Standard

The Health and Fitness Science program is designed to provide students with the knowledge and skills necessary for employment in the fitness and exercise industry.

Students will be trained in exercise science and be able to administer basic fitness tests and health risk appraisals, teach specific exercise and fitness classes and provide instruction in the proper use of exercise equipment and facilities.

Graduates should qualify for employment opportunities in commercial fitness clubs, YMCA's/YWCA's, wellness programs in business and industry, Parks & Recreation Departments and other organizations implementing exercise & fitness programs.

Contact:

Ms. Renee Batts
Associate Director

**STATE BOARD OF COMMUNITY COLLEGES
PROGRAM APPLICATION – SUMMARY EVALUATION REPORT
Johnston Community College
Phlebotomy (Certificate) (C45600)**

I. Program Planning

Johnston Community College is seeking approval for the Phlebotomy (Certificate) (C45600) program to begin Fall 2016. The planning area is defined as the college's service area of Johnston County. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at Johnston Community College on November 5, 2015. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of Johnston 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

Johnston Community College (JCC) indicates the following:

- JCC currently offers phlebotomy training through continuing education. From 2010 through 2015, the college's enrollment within continuing education has more than doubled-from 30 unduplicated students served in the first year to 92 unduplicated students in 2014-2015.
- The demand for phlebotomists is expected to remain high as doctors and other healthcare professionals require blood work for analysis and diagnosis. According to the U.S. Bureau of Labor and Statistics data, the job outlook for phlebotomists is growing much faster than average. The number of jobs is expected to grow 27% from 2012-2022 (the equivalent change of 27,100 jobs).

- The Bureau of Labor Statistics forecasts employment of phlebotomists within North Carolina to grow 31% from 2012 to 2022, faster than the average for all occupations both nationally and statewide.
- Johnston County has a continuing need for qualified phlebotomists within the college's service area. According to the most recent occupational projections published by the North Carolina Department of Commerce, the North Central prosperity region of the state (which includes Johnston County) is expected to experience the largest occupational growth, at 33.5%, for phlebotomists than any other region across the state from 2012-2022.
- Once JCC receives approval for the Phlebotomy certificate program, they plan on seeking approval for the Therapeutic and Diagnostic Services-Phlebotomy pathway. This pathway will provide an entry-level career pathway for credit students interested in a health science discipline, provide pre-health students not selected for entry into a health sciences associate degree an alternative educational pathway that can lead to employment, and enable JCC to develop a Career and College Promise (CCP) pathway for high school students.
- Letters of support for the program were submitted to JCC by Johnston Health, a partner of UNC Health Care, Johnston County Public Health Department, Horizon Family Medicine, PA., FastMed Urgent Care, and the Johnston County Public School System.
- JCC surveyed over one hundred students in current CCP classes as well as pre-health science college students, and over 90% expressed an interest in the Phlebotomy program.

III. Impact of the Proposed Program on Other Programs

Twenty community colleges are approved to offer the Phlebotomy program This program contains a clinical component, therefore each college was provided with a program impact from JCC. **All colleges approved to offer the program are in agreement with the impact assessment.**

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.

VI. Curriculum Description as Designated on Curriculum Standard

The Phlebotomy curriculum prepares individuals to obtain blood and other specimens for the purpose of laboratory analysis.

Course work includes proper specimen collection and handling, communication skills, and maintaining patient data.

Graduates may qualify for employment in hospitals, clinics, physicians' offices, and other health care settings and may be eligible for national certification as phlebotomy technicians.

Contact:

Ms. Renee Batts
Associate Director

**PROGRAM APPLICATION
SUMMARY EVALUATION REPORT
Montgomery Community College
Phlebotomy (Certificate) (C45600)**

I. Program Planning

Montgomery Community College is seeking approval for the Phlebotomy (Certificate) (C45600) program to begin Fall 2016. The planning area is defined as the college's service area of Montgomery County. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at Montgomery Community College on August 12, 2015. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of Montgomery 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

Montgomery Community College (MCC) indicates the following:

- MCC currently offers phlebotomy training through continuing education. If Phlebotomy was approved through curriculum the college would create a stackable credential pathway from phlebotomy to their associate degree in Medical Assisting.
- The demand for phlebotomists is expected to remain high as doctors and other healthcare professionals require blood work for analysis and diagnosis. According to the U.S. Bureau of Labor and Statistics data, the job outlook for phlebotomists is growing much faster than average. The number of jobs is expected to grow 27% from 2012-2022 (the equivalent change of 27,100 jobs).
- The Bureau of Labor Statistics forecasts employment of phlebotomists within North Carolina to grow 31% from 2012 to 2022, faster than the average for all occupations both nationally and statewide.
- The NC Commerce Star Jobs data projects a growth of 2.73% (176 annual openings) in the Sandhills region.

- Once MCC receives approval for the Phlebotomy certificate program, they plan on seeking approval for the Therapeutic and Diagnostic Services-Phlebotomy pathway. This pathway will provide an entry-level career pathway for credit students interested in a health science discipline, provide pre-health students not selected for entry into a health sciences associate degree an alternative educational pathway that can lead to employment.
- Letters of support for the program were submitted to MCC by White Oak Urgent Care and Premier Internal Medicine & Urgent Care.

III. Impact of the Proposed Program on Other Programs

Twenty community colleges are approved to offer the Phlebotomy program This program contains a clinical component, therefore each college was provided with a program impact from MCC. **All colleges approved to offer the program are in agreement with the impact assessment.**

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.

VI. Curriculum Description as Designated on Curriculum Standard

The Phlebotomy curriculum prepares individuals to obtain blood and other specimens for the purpose of laboratory analysis.

Course work includes proper specimen collection and handling, communication skills, and maintaining patient data.

Graduates may qualify for employment in hospitals, clinics, physicians' offices, and other health care settings and may be eligible for national certification as phlebotomy technicians.

Contact:

Ms. Renee Batts
Associate Director

**STATE BOARD OF COMMUNITY COLLEGES
PROGRAM APPLICATION - SUMMARY EVALUATION REPORT
Vance-Granville Community College
Histotechnology (A45370)**

I. Program Planning

Vance-Granville Community College is seeking approval for the Histotechnology (A45370) program to begin Fall 2016. The planning area is defined as the college's service area of Franklin, Granville, Vance and Warren counties. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at Vance-Granville Community College on September 21, 2015. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of Vance-Granville 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

Vance-Granville Community College (VGCC) indicates the following:

- According to the U.S. Bureau of Labor and Statistics data, the job outlook for the employment of medical laboratory technologists and technicians is projected to grow 22% from 2012-2022.
- An increase in the aging population will lead to a greater need to diagnose medical conditions, such as cancer or type 2 diabetes, through laboratory procedures. Federal health legislation will increase the number of patients who have access to health insurance, increasing patient access to medical care. As a result, the demand for the services of laboratory personnel is expected to grow.
- The median annual wage for medical laboratory technologists in May 2012 was \$57,580.

- The overall job outlook for Histotechnologists or Histologic Technician careers have been positive since 2004. Demand for Histotechnologists and Histologic Technicians is expected to go up, with an expected 28,570 new jobs filled by 2018. This represents an annual increase of 2.17% over the next few years.
- Area hospitals and laboratories have expressed an urgent need for education in conjunction with laboratory exposure in order to hire qualified Histotechnologists.
- Letters of support for the program were submitted to VGCC by the Granville County Chamber of Commerce, Granville County Board of Commissioners, Granville Health System, Provia Diagnostics, Pathology Associates (PAI), Experimental Pathology Laboratories RTP, NCSU CVM Histopathology Lab, Rollins Animal Disease and Diagnostic Laboratory and the president of the North Carolina State Histology Society.

III. Impact of the Proposed Program on Other Programs

One community college is approved to offer the Histotechnology program This program contains a clinical component, therefore Davidson County Community College was provided with a program impact from VGCC. **Davidson County Community College is in agreement with the impact assessment.**

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.

VI. Curriculum Description as Designated on Curriculum Standard

This curriculum provides individuals with the knowledge and skills necessary to prepare tissue specimens for microscopic examination using various stains and dyes to identify tissue and cell structures.

Course work emphasizes scientific concepts related to laboratory testing, quality assurance, histology, microscopy, and other related topics.

Graduates may be eligible to apply to take the national examination given by the Board of Registry of the American Society for Clinical Pathology. Employment opportunities include pathology laboratories in hospitals and clinics and medical or research laboratories.

Contact:

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