

**STATE BOARD OF COMMUNITY COLLEGES**  
**Curriculum Program Application**  
**Fast Track for Action [FTFA\*]**

**Request:** The State Board of Community Colleges is asked to approve the curriculum program at the listed college 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 programs without any special allocation of funds.

Wayne Community College  
Swine Management Technology (A15150)

**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):**

Jennifer Frazelle  
Director

**PROGRAM APPLICATION  
SUMMARY EVALUATION REPORT  
Wayne Community College  
Swine Management Technology (A15150)**

**Program Planning:** Wayne Community College is seeking approval for the Swine Management Technology (A15150) program to begin Summer, 2018. The planning area is defined as the college's service area of Wayne county. All colleges were notified of the planning process for this program.

The proposed program was approved by the Board of Trustees at Wayne Community College on May 23, 2017. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees of Piedmont 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:** Wayne Community College (WCC) indicates the following:

- The US Department of Agriculture projects a five percent growth in employment opportunities in food, agriculture, renewable natural resources and environment occupations between 2015 and 2020 for graduates.
- If approved for the program, WCC plans to provide a Career and College Promise pathway.
- Wayne County public schools have a very active Future Farmers of American program with participants that would be able to pursue their interest with the proposed program.
- According to the US Department of Agriculture, *half of all current farmers in the United States are likely to retire in the next decade.*
- Goldsboro Milling Company, one of the largest swine producers in the United States, has specifically asked for this program to help supply swine farm managers to assist with replacing an aging workforce.

- The Wayne County Cooperative Extension Livestock agent is supportive of the program and indicated that: *The swine industry is a major component of agriculture here in NC and Wayne county. It is essential to our local economy. Training and educating prospective agriculture workers on swine management is vital to continuing the industry here in Wayne County.*
- The President of the Wayne County Farm Bureau stated that: *Adding a swine management technology degree program will enhance agriculture and create jobs in Wayne County.*
- The Wayne County Cooperative Extension Director is supportive of the program and stated the following: *With livestock, more importantly swine, being a major industry in our local economy, as well as NC, training young and older adults to be competitive in this work force is vital.*
- The President and Executive Director of the Wayne County Chamber of Commerce noted that *Wayne County's history is deeply rooted in agriculture which remains the largest economic engine in our county. With an aging population of farmers and agriculture producers, it is critical to educate the next generation of producers.*
- The General Manager of the Wayne County Livestock Development Association noted that: *Wayne County is ranked fourth in hog production for our state. Livestock production and agribusinesses contribute heavily to our county's economy. Livestock production farms and agribusinesses in our community have a need for trained and qualified graduates.*
- The Industry Manager of the Wayne County Development Alliance is supportive of the program and stated: *The swine industry continues to be a huge economic driver for Wayne County and anything we can do as a business community to support it will definitely benefit our entire community.*
- The Director of the North Carolina Pork Council is supportive of the proposed program and stated: *Six of the top 30 pork production companies have a presence here in NC and five of them make North Carolina their home base. This would be an exciting development for these companies. The specialized classes within this program will go a long way toward providing a skilled workforce for our industry as well as providing our young people with jobs that will enable them to stay in our communities and raise their families here.*

**Impact of the Proposed Program on Other Programs:** James Sprunt Community College is the only college currently approved to offer the Swine Management Technology program. They are supportive of Wayne CC applying for the program.

**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 prepare students for careers in the production, processing, and distribution of livestock, swine, and poultry and their products according to scientific principles essential to efficient and profitable operation. Students should learn skills necessary for the operation of efficient and profitable livestock, swine, and poultry enterprises. Coursework includes production practices, animal health, nutrition, reproduction, and management.*

*Graduates should qualify for entry-level jobs as herd or flock managers, field service persons, feed salespersons, equipment salespersons, feed mill workers, buyers of poultry and livestock, owners/operators, farm managers, department supervisors, field service representatives, and waste management technicians. Swine Management Technology: A program that focuses on the application of biological and chemical principles to the production and management of swine animals and the production and handling of meat and other products. Potential course work includes instruction in animal sciences, range science, nutrition sciences, food science and technology, biochemistry, and related aspects of human and animal health and safety.*

**Contact(s):**

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