

STATE BOARD OF COMMUNITY COLLEGES
Guilford Technical Community College Multi-Campus Center Request

Request: Guilford Technical Community College (GTCC) requests that the State Board provide preliminary approval to designate its Aviation Center location as a multi-campus center (MCC). By granting preliminary approval, the State Board agrees to include the MCC funding (approximately \$600,000) for this location in its 2019-20 budget requests submitted to the Office of State Budget and Management (OSBM) and the General Assembly. Final approval is contingent on the General Assembly appropriating recurring MCC funds for the location.

Background: The GTCC Aviation Center consists of three buildings adjacent to the Piedmont Triad International Airport (PTIA): Aviation 1 (AVI) The T.H. Davis Center (leased) with 36,000 square feet of classroom/lab space plus a 12,000 square foot hanger, Aviation II (AVII) (leased) with 60,000 square feet of classroom/lab space, and Aviation III (AVIII) (college-owned) with 41,838 square feet of classroom, lab, and student services space. Aviation is among the oldest and most prestigious of the career-technical programs offered at Guilford Technical Community College. The tradition extends from a two-year Aviation Management Technology program instituted in the 1969 fall quarter at Guilford Technical Institute. In 1970, the State Board of Education approved a two-year program in Avionics and a one-year program in Air Frame and Power Plant Mechanics. With the dedication of AVI in March 1991 students pursued the Associate in Applied Science (AAS) in Career Pilot Management and the AAS in Aircraft Maintenance Technology. In 2007, when Honda Aviation committed to locate in Greensboro, the college made the decision to lease a second building, AVII. With the addition of AVIII in 2014, the college now provides all course requirements for the following aviation programs: Aviation Electronics (Avionics) Technology, Aviation Systems Technology and Career Pilot Technology.

Rationale: Guilford Technical Community College provided the following justification to meet the nine criteria, established by the State Board at its January 17, 2014 meeting, for MCC designation.

1. An adequate population base must exist to support the multi-campus operation.

Guilford County's population in 2010 was 489,548; in 2017, it was 526,953 (U.S. Census estimate). It is projected that Guilford County will grow 3.5% by 2021. The three townships in the northwest part of Guilford County are Oak Ridge, Stokesdale, and Summerfield. They are located close to the Piedmont Triad International Airport (PTIA), which is itself in Guilford County, and these townships are the fastest growing areas in the County. Between 2010 and 2017 these townships grew as follows: Oak Ridge +11.85%, Stokesdale +7.2%, and Summerfield +8.99% whereas the County overall grew 7.6%. From 2010 to 2017, these townships continued to grow by 9.35%. It is also projected that these townships will continue to be among the fastest growing in the County because of the new businesses opening near the airport.

2. Programs and services provided are based on appropriate student demand and needs.

Research compiled by Dr. John D. Kasarda, "Leveraging Piedmont Triad International Airport and other Regional Assets for Piedmont Triad Regional Competitive Advance", "The Triad Transport/Logistics Inventory and Cluster Mapping Project" project continued aviation employer growth around PTIA. The 2013 report by the Rural Center of NC, "Our Manufacturing Future" identified Aviation and Aerospace as an 'emerging' cluster for the Piedmont Triad, with average wages approaching \$100,000 and a location quotient above 1, indicating a greater-than-average concentration of this type of company. Currently the local aviation industry consists of 40+ aerospace and aviation employers who employ approximately 6,000 employees. Three major employers that have made significant investments in the area - Honda Aircraft Company, TIMCO Aerosystems, B/E Aerospace - look to GTCC for skilled workers and TIMCO and Honda both have contracted with GTCC for specialized training programs for their current employees.

3. Programs and services provided through multi-campus centers comply with the *Criteria for Accreditation of the Commission on Colleges of the Southern Association of Colleges and Schools.*

In March 2015, Guilford Technical Community College was reaccredited for all programs which included the Aviation Campus in the scope of the College's current accreditation.

4. Adequate county government maintenance and operation of physical plant support is available.

Guilford County provides \$575,925 in annual appropriations to support the Aviation Campus, which is 4% of GTCC's overall county operating budget. This amount includes utilities, custodial services, and campus police. The county's support is also evident in their continued funding for such construction projects as the Cameron Campus and the newly renovated Center for Advanced Manufacturing.

Through the county's funding, the College provides for building maintenance (utilities, telephone, internet, and custodial services). In addition, the College has a campus police department with sworn law enforcement officers, who provide services to the Aviation Campus.

5. An instructional program and services plan has been developed which includes appropriate details concerning program mix, staffing, and instructional support functions.

GTCC has an instructional and services plan for the Aviation Campus which was first developed in 2014 as part of the substantive change approval process for SACSCOC. This plan was approved February 22, 2014. The College continues to hold regular planning meetings regarding scheduling, facilities, and technology needs related to the Aviation Campus. Faculty, staff, the program director for Aviation, and senior

administrators for instruction, business & finance, corporate and continuing education, facilities, technology, and student support services, as well as the chief academic officer and president, have all been involved in these ongoing needs assessments.

All planning for the Aviation Campus is coordinated and encompassed within the College’s overall strategic planning process. Programmatic and divisional heads set goals and request necessary equipment, software, and personnel relevant to those goals. Aviation Campus needs have resulted in additional faculty positions. Historically, equipment needs have been met through gifts, grants, and the College’s state equipment allotment. Ongoing needs are built into the annual planning process.

6. The multi-campus center does not have a negative impact on institutions in contiguous areas.

The GTCC Aviation Campus began in 1989 and has steadily grown since that time. Contiguous institutions have not experienced a negative impact. As this campus is in the northwest area of Guilford County, the closest neighboring colleges are Rockingham Community College and Forsyth Technical Community College. GTCC’s Aviation Campus is nine miles from the Rockingham border, and six miles from the Forsyth county border. As of this writing, neither Rockingham, nor Forsyth Tech offer any of the instructional programs offered on GTCC’s Aviation Campus.

7. Students enrolled at a multi-campus location must be able to complete at least one associate degree at the campus that requests the multi-campus designation.

The Aviation Campus offers both curriculum and continuing education programs as noted in the table below.

Degree/program	Type	Also offered at main campus? (Y or N)
Aircraft Systems	CE	N
Aircraft Structures Assembly & Repair	CU	N
Aviation Electronics Technology*	CU	N
Aviation Management and Career Pilot Technology*	CU	N
Aviation Systems Technology*	CU	N
Emergency Medical Services	CE	Y

*These programs include the full associate degree.

8. The duplication of instructional support and other cost expenses are justifiable from cost effectiveness and quality perspectives.

GTCC believes the case is well made above that the area around Piedmont Triad International Airport is rapidly developing as a center for air and land transport. Much of the development has, and continues to occur, in Guilford County, although people will be commuting in for jobs from all the surrounding areas. A campus designed to focus specifically on supporting this industrial growth will be one of the keys to making the business development there effective. It provides the most cost-effective location for the programs that directly serve employers and workers in the transportation and related industries. The lack of additional instructional and administrative spaces on GTCC's other campuses, coupled with the location of the airport and the incoming aviation companies, necessitated development of additional space near the PTI airport.

9. The multi-campus operation must enroll a minimum of 300 budget FTE.

The budget FTE (BFTE) for instruction delivered at the Aviation Campus exceeds the minimum 300 BFTE requirement. Curriculum BFTE for Fiscal year 2017/18 was 382.30 and the continuing education BFTE for fiscal year 2017/18 was 94.10, for a total BFTE of 476.40.

Conditions of Approval: Staff recommends that the college be required to provide a copy of the SACS-COC approval in March 2015 (as reference in item 3 above) to the System Office for our files.

Contact:

Elizabeth Grovenstein
Vice President, Business and Finance Division