The College of Applied Engineering, Sustainability and Technology (CAEST) at Kent State University offers Bachelor of Science degrees in: aeronautics with concentrations in aeronautical studies, aeronautical systems engineering technology, aviation management, air traffic control and flight technology. Our degree in applied engineering includes concentrations in applied engineering and technology management, computer engineering technology and manufacturing systems. Our technology degree includes concentrations in technology, technology education licensure and construction management.

OVERVIEW
In an effort to provide easier access to high-quality, technology-based education, Kent State University’s College of Applied Engineering, Sustainability and Technology provides academic programs in a variety of technological fields. The college, with its talented faculty and flexible class schedules that include evenings, weekends and online, offers a program to match every student’s needs and interests.

ACADEMIC PROGRAMS
At the Kent Campus, the College of Applied Engineering, Sustainability and Technology offers programs accredited by these agencies: the Association of Collegiate Business Schools and Programs (ACBSP), the National Association of Industrial Technology (NAIT), the Accreditation Board of Engineering and Technology (ABET), Aviation Accreditation Board International (AABI) and the Federal Aviation Administration (FAA) in the following areas:

BACHELOR OF SCIENCE

MAJORS
• Aeronautics
  Aeronautical Studies
  Aeronautical Systems Engineering Technology
  Air Traffic Control
  Aviation Management
  Flight Technology
• Applied Engineering
  Computer Engineering Technology
  Liquid Crystal and Display Engineering
  Mechanical Engineering Technology
  Mechatronics and Applied Engineering
  Technology Management
• Construction Management Technology
• Technology
  Technology Education Licensure

MINORS
• Aircraft Dispatch
• Aviation Weather
• Flight Technology
• Unmanned Aircraft Systems
• Computer Engineering Technology
• Construction Management
• Electronic Technology
• Innovation
• Liquid Crystal and Display Engineering
• Sustainability
• Technology

Aeronautics offers the largest flight training program in Ohio and has a solid articulation agreement with seven local high schools and two technical career centers. It has bridge agreements with two regional airlines to ease the transition to its graduates from academics to the workforce.

Applied Engineering is the application of engineering, design, technical and management skills for the design, manufacturing and integration of products and systems, the improvement of manufacturing processes, and the management of physical and/or technical functions of the organization.

Construction management is a management-oriented academic program with a technical curriculum that uses a professional-service approach to apply effective management techniques to all phases of the construction process; from the planning, design, cost estimating and project scheduling, to the oversight and management of the construction project through completion.

Technology emphasizes liberal education with a focus on technology. Coursework includes technology and general electives, making it possible for students to design a significant portion of their curriculum. This degree is a good choice for transfer students since previous courses often satisfy program electives.

Career Opportunities

College of Applied Engineering, Sustainability and Technology students have access to various academic opportunities. The cooperative education course gives students the opportunity to work in a business or industry related to their major. This gives students real-world experience, making them more attractive to prospective employers. The college also has active student chapters of various professional organizations, which provide the opportunities to network with professionals in industry and interact with other students. Career opportunities available to graduates are:

• Administrative positions in aviation-related industries
• Pilots
• Air Traffic Controllers
• Program Managers
• Construction Management
• Teachers
• Manufacturing/Electronics
• Construction Technologist
• Representative
• Network Administrators
• Technical Sales
• Web Designers
average salary for new graduates from all areas of the college is in the range of $40 to $80K.

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SCHOLARSHIPS AND FINANCIAL AID
The college has nine departmental, merit-based scholarships for which students can apply. In addition, students have the opportunity to be selected for other competitive scholarships at local, state and national levels contingent upon their program of study. Students are encouraged to apply for financial aid to assist with tuition, room and board and other fees associated with the various programs offered by the college.

STUDENT ORGANIZATIONS
Student organizations provide the opportunities for students to develop specialty skills, teamwork and leadership. Students are encouraged to be involved in the following organizations:

- Alpha Eta Rho International Fraternity for aviation students
- American Association of Airport Executives
- American Foundry Society (KSU-AFS)
- American Institute of Aeronautics and Astronautics (AIAA)
- Construction Management Student Organization
- Epsilon Pi Tau (EPT)
- Flying Club
- Precision Flight Team
- Society of Manufacturing Engineers (SME)
- Student Air Traffic Controllers Association (SATCA)
- Women in Aviation International (WAI)

JOB OUTLOOK FOR GRADUATES
All areas of study are developed with students’ job and careers in mind. While the employment outlook for a graduate is dependent on the economy and market demands (which vary for different areas of study), in a good economic environment many students can find a job in their area before or immediately after graduation, and the majority can find a job within a year of graduation. The salary range is dependent on the job. The