AVIATION ELECTRONICS TECHNOLOGY

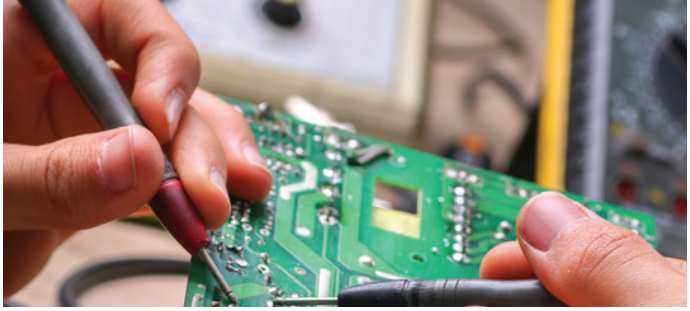
SPARTAN COLLEGE OF AERONAUTICS AND TECHNOLOGY

As global airways grow more congested, pilots must now rely more than ever on the integrity of aircraft navigation and communication systems to keep air travel safe. Advances in the electronics of traditional aircraft, expansion of airline fleets, and the emergence of unmanned aerial vehicles (UAV), has resulted in an increased demand for well-trained technicians with expertise in manufacturing, maintenance, repair, and installation of new and existing systems.

Aviation electronics technicians play a key role in the development and deployment of satellites, helicopters, and aircraft of all types and sizes.

Technology Training

- Navigation systems
- Auto pilots
- Weather radar
- Flight simulation
- Electronic flight instrument systems
- Instrument landing
- Air traffic control transponders



SPARTAN® COLLEGE OF AERONAUTICS AND TECHNOLOGY

Aviation Electronics Technology
(Diploma) · Program Length: 12 Months

Associate of Applied Science:
(Degree) · Program Length: 15 Months

(Avionics/UAV Technician 823.261-026 and Electronics Technician D.O.T. 828.261-022, 003.161-014, 726.687-010)

Through the use of industry-relevant training devices and curriculum developed for the next generation UAV electronics and aircraft technicians, these students gain the technical skills sought after by employers in today's advanced electronics and aerospace industries. Students study FAA regulations, learn to read and use aircraft maintenance manuals, and how to read and interpret aircraft commercial drawings and electronics schematics as they apply to large and small aircraft including UAVs. In addition, associate degree students focus on interpersonal skills such as oral and written communication, customer service, and diversity in the workplace.

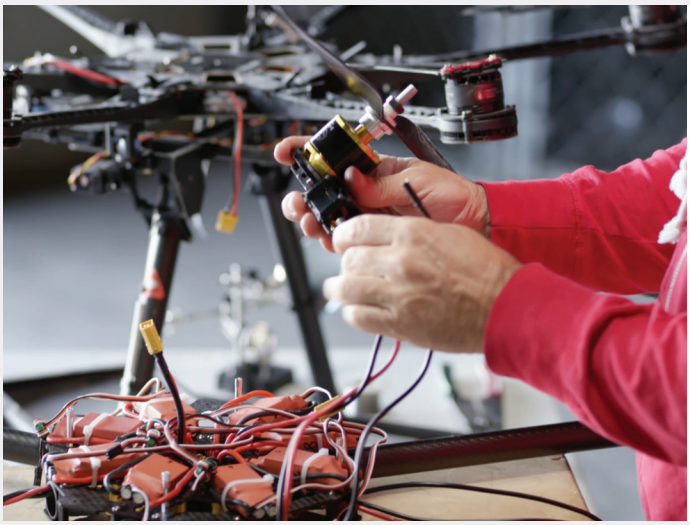
Associate degree graduates can apply to continue their education with Spartan's Bachelor of Science Technology Management degree program offered online or on campus.**

** Before applying, ensure that you're in a state eligible for our Online TM degree program: Distance Education State Authorization List at: https://www.spartan.edu/tulsa/distanceeducation-state-authorization-list/

Career Track Examples
- Aerospace
- Robotics Electronics
- Airlines
- Simulator Development
- Communications
- Avionics Repair Shops
- Aircraft Manufacturing
- General Electronics

Position Examples
- Avionics Technician
- Radar Technician
- UAV Technician
- Communication Technician
- Electronics Technician
- AV Equipment Installer

Employer Examples
- ARINC Incorporated
- Autopilots Central
- AVCOM Avionics
- BF Goodrich Aerospace
- Commander Instruments
- Dallas Avionics
- Delta Airlines
- Executive Instruments
- Garret Aviation Services
- General Atomics
- High Desert Avionics, Inc.
- L-3 Communications
- SpaceX
- Tech Aero Avionics Systems
- United Airlines



Demand for Airline Technicians
According to the Boeing Pilot and Technician Outlook 2020-2039*, 123,000 new aviation technicians will be needed to maintain the North American fleet over the next 20 years.

Since 1928
The Tulsa locations operate with over 247,000 square feet of training facilities, classrooms, and administrative space located on two Tulsa area airports.

*Boeing: Pilot and Technician Outlook 2020-2039, pg 8
http://www.boeing.com/commercial/market/pilot-technician-outlook/

Tulsa – Main Campus
8820 East Pine Street, Tulsa, OK 74115
Call 918-831-8688 or visit us online at Spartan.edu

Spartan does not guarantee third-party certifications. For more information about our graduation rates and other important information, visit https://www.spartan.edu/tulsa/consumer-information/

Licensed by the O.B.P.V.S. Accredited College, ACCSC.