

# Tulsa Campus Marketing

## Website

[www.Spartan.edu](http://www.Spartan.edu)

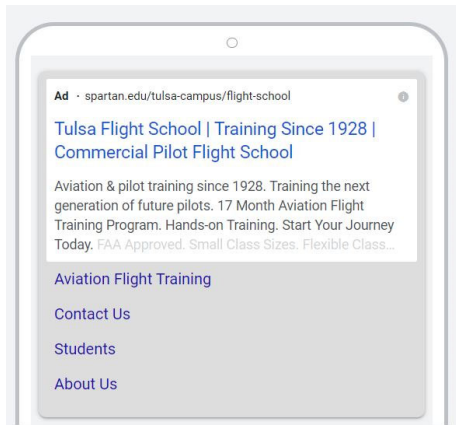
## Social Media



- Youtube <https://www.youtube.com/c/SpartanCollegeofAeronauticsandTechnologyTulsa>
- Facebook <http://www.facebook.com/SpartanCollege>
- Instagram [Spartan College \(@spartancollege\)](#) • [Instagram photos and videos](#)
- LinkedIn <https://www.linkedin.com/school/spartancollege/>
- Twitter <http://www.twitter.com/SpartanCollege>

# Spartan College of Aeronautics and Technology

## Digital Ads



Ad · www.spartan.edu/tulsa/aviationschool

### Spartan College | Learn to Fix Jets | Consider Electronics Training?

Tulsa Area Campus. Train to pursue career opportunities in aircraft electronics. Spartan College of Aeronautics & Technology has trained over 100,000 pilots & technicians. [Classes Starting Soon](#). FAA Approved Training. Entry-level Training. Live Chat Available.

<p><a href="#">Our History</a></p> <p>Learn more about our long history education the aviation industry.</p>	<p><a href="#">SkyWest Tech Pathway</a></p> <p>Learn more about our SkyWest Aviation Technician Career Pathway.</p>
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Ad · www.spartan.edu/aviation/trade-school

### Tulsa Area Trade School | Associate Degree Programs


Spartan College of Aeronautics and Technology, we train for aircraft maintenance careers. Come to receive hands-on and career-oriented training to become an aircraft mechanic. [Classes Starting Soon](#). FAA Approved Training. Entry-level Training. Live Chat Available.

<p><a href="#">Our History</a></p> <p>Learn more about our long history education the aviation industry.</p>	<p><a href="#">SkyWest Tech Pathway</a></p> <p>Learn more about our SkyWest Aviation Technician Career Pathway.</p>
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NDT - <https://vimeo.com/658004045/b0b3205cf6>

 **Spartan College of Aeronautics and Technology** ⋮ ✕  
Sponsored · 


Learn how to diagnose structural integrity issues on aircraft with a diploma in Nondestructive Testing Technology.






spartan.edu  
**Spartan College Tulsa**  
Quality control and quality... [Learn more](#)



 **Spartan College of Aeronautics and Technology** ⋮ ✕  
Sponsored · 

Be part of Spartan College's 94 years of career-oriented training, learn more about our degree in Aviation Flight Program.




spartan.edu  
**Full Course Catalog Available** [Learn more](#)




 Like  Comment  Share

 **Spartan College of Aeronautics and Technology** ⋮ ✕  
Sponsored · 

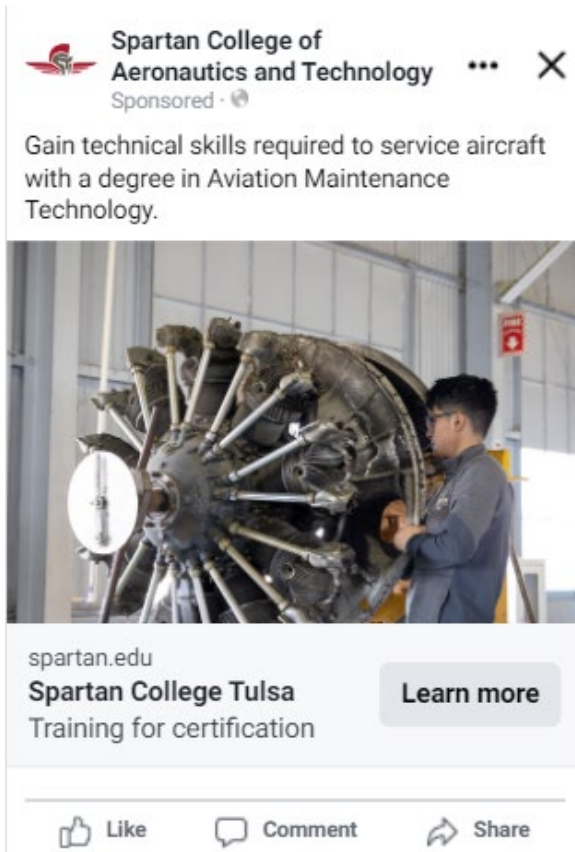
Receive hands-on, technical skills for a future in aviation.



spartan.edu  
**Spartan College Tulsa Aviation Flight Program** [Learn more](#)


 Like  Comment  Share

<https://vimeo.com/527519205/f5d25cd38b>



**Spartan College of Aeronautics and Technology** Sponsored · 🌐

Gain technical skills required to service aircraft with a degree in Aviation Maintenance Technology.



spartan.edu  
**Spartan College Tulsa**  
Training for certification

[Learn more](#)

👍 Like    💬 Comment    ➦ Share



**Spartan College of Aeronautics and Technology** Sponsored · 🌐

From changing a tire to rebuilding a turbine engine, find hands-on training with a hybrid degree in Aviation Maintenance Technology.



business.facebook.com  
**Spartan College Tulsa**  
Associate degree progra...

[Learn more](#)

👍 Like    💬 Comment    ➦ Share



## Learn how to Perform the Duties of an Aircraft Mechanic

Spartan College of Aeronautics and Technology is an aviation trade school that upon successful completion of the Aviation Maintenance Technology (AMT) program, students will be eligible to take the Federal Aviation Administration (FAA) Knowledge Tests and the Oral and Practical examination required for the Airframe and/or Powerplant Certification. Obtaining an A&P certificate is encouraged and provides additional options should you choose to pursue certification; however, it is not required upon graduation. Spartan does not guarantee third-party certifications.

### Request More Information

Just fill out the form below and an admissions representative will follow-up to answer any questions you may have.

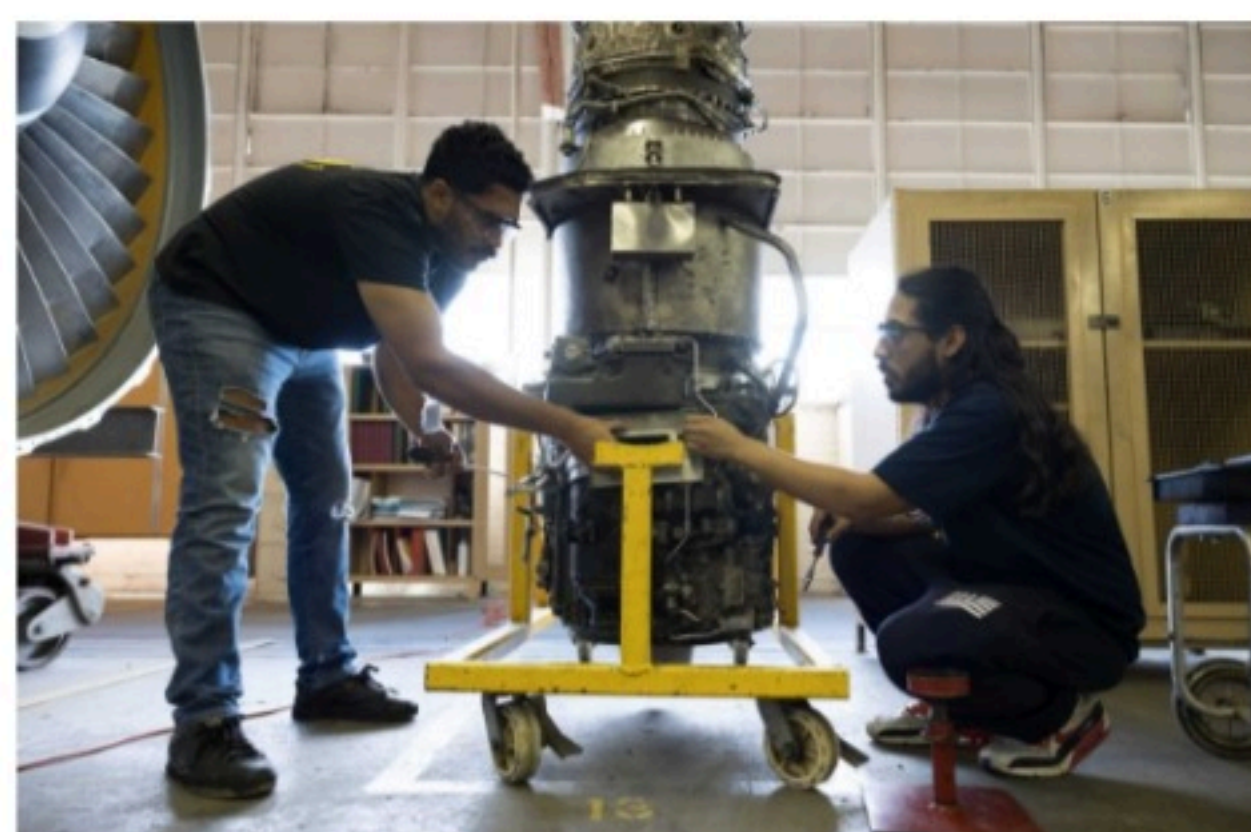
First Name\*       Last Name\*

Email\*

Phone\*

Clicking the Request Info button below constitutes your written consent for Spartan College of Aeronautics and Technology to contact you by phone (including mobile), email, text and/or other means. Calls may be generated using automated dialing technology.

[Request Info](#)



### Get Hands-On Training in Our Program

Our AMT program provides training from changing a tire to rebuilding a turbine engine on a range of different aircraft from a small single engine plane to a large transport plane like those used by major airlines.

- Aircraft Engine Change, Inspection, Review, and Testing
- Techniques of sheet metal repair using proper tools, parts layout, and forming and bending aluminum materials
- Service, troubleshoot, and repair hydraulic and pneumatic systems and components
- Welding inspection, assembly and rigging of aircraft controls, aerodynamics, aircraft fuel systems, and aircraft fire protection

## TECHNOLOGY | SAFETY | PRACTICALITY

First Ever FAA Approved

### Comprehensive Partially Online Aviation Maintenance Technology Diploma or Degree Option\*

Our program is designed to teach students entry-level technical skills in Airframe and Powerplant

#### Online Courses Include:

- ✓ Technical Theory
- ✓ General Ed Courses
- ✓ Hands-on Training (On Campus)

Finish the program at our Tulsa, OK campus learning in speciality classrooms, shops and training labs using industry-relevant equipment.



*"Without that program I don't think I'd be in the position I am at now, [with] a major airline"*

### Some Alumni Have Gone on to Work For These Companies :



### Tulsa Main Campus



#### Where Are We Located?

Spartan College of Aeronautics and Technology – Tulsa Main Campus 8820 East Pine Street Tulsa, OK 74115

The Tulsa Main Campus houses the classrooms needed for instructional theory and education courses for a variety of programs.

\*Before applying, ensure that you're in a state eligible for our online program: [Distance Education State Authorization List](#)



## Learn How to Perform the Duties of an Avionics Technician

Spartan College of Aeronautics and Technology, an aviation trade school, helps students in our Aviation Electronics Technology (AET) program to learn the proper use of basic tools and test equipment, electronic theory, and have hands-on avionics technician training for the installation, troubleshooting and repair of electronic and avionics systems.

## Request More Information

Just fill out the form below and an admissions representative will follow-up to answer any questions you may have.

First Name\*  Last Name\*

Email\*

Phone\*

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[Request Info](#)



### Get Hands-On Training in Our Program

Our AET program, also known as Avionics, will give you training and experience using industry-related technology to test the reliability and operational status of avionics systems including:

- VHF, HF and SatCom forms of communication and aviation systems
- Flight controls, gyroscopes and gyroscopic systems, and requirements including the Aircraft Control Domain and pitot/static systems
- Pulse microwave systems (radar) and their relationship to safety in aviation
- Unmanned Aircraft Systems (UAS-Drones) ground control stations (Degree Program Only)

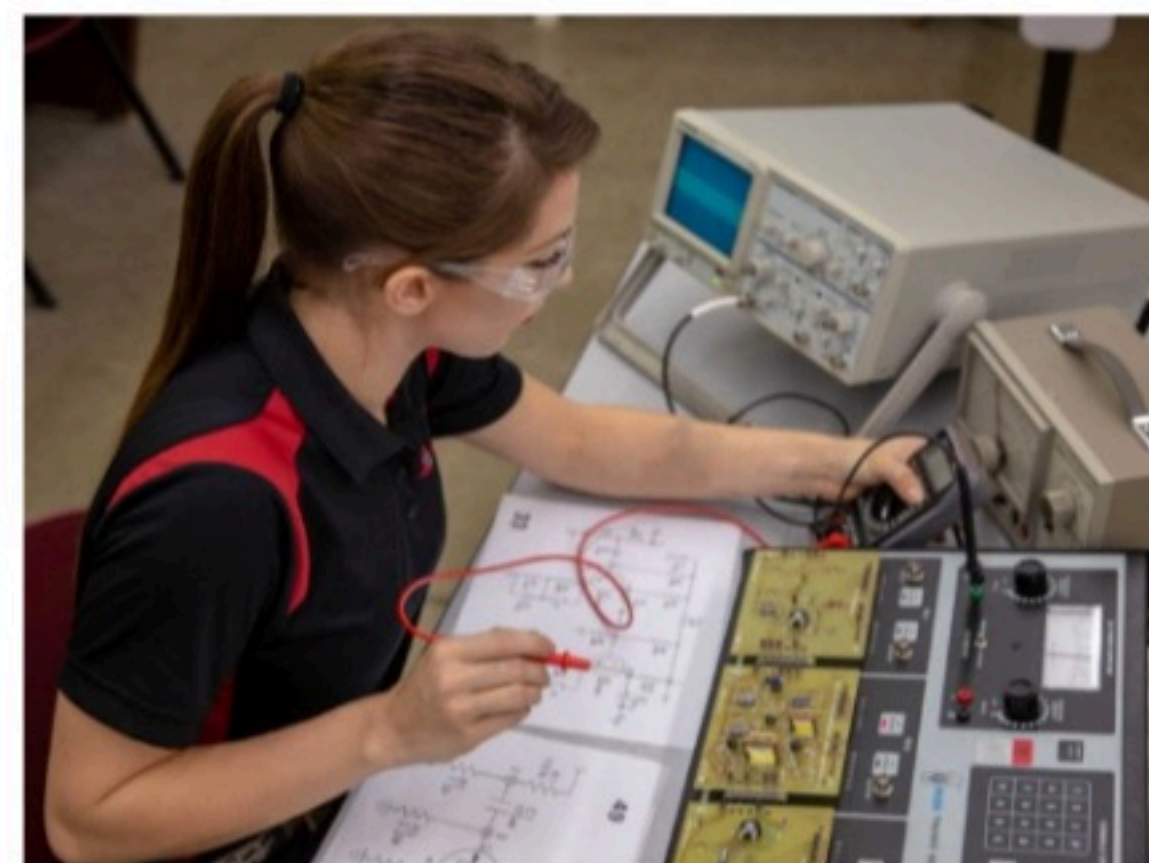
## Train to Meet the Growing Demand\* for Aviation Electronics Technicians

As a student at Spartan you'll have access to our Career Services specialists who are in constant contact with companies looking for trained aviation electronics technicians.

\*This is a national figure. Conditions in your location may be different. Overall employment of aircraft and avionics equipment mechanics and technicians is projected to grow 11 percent from 2020 to 2030, faster than the average for all occupations. Sourced from U.S. Bureau of Labor Statistics: <https://www.bls.gov/ooh/installation-maintenance-and-repair/aircraft-and-avionics-equipment-mechanics-and-technicians.htm>

### Training the Next Generation of Aviation Electronics Technicians

As global airways grow more congested, pilots must rely on aircraft navigation and communication systems to keep air travel safe. Advances in the electronics of traditional aircraft, emerging aerospace industries, expansion of airline fleets, and the increasing use 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. This includes the development and deployment of satellites, helicopters, and aircraft of all types and sizes.



### Tulsa Main Campus



#### Where Are We Located?

**Spartan College of Aeronautics and Technology – Tulsa Main Campus 8820 East Pine Street Tulsa, OK 74115**

The Tulsa Main Campus houses the classrooms needed for instructional theory and education courses for a variety of programs.



# Earn a Bachelor of Science Degree in Technology Management

Get your technical experience, trade skills, and certifications evaluated toward earning a Bachelor of Science Degree in Technology Management from Spartan College of Aeronautics and Technology. With training available on campus or online<sup>1</sup>, you could have the flexibility to manage your own journey.

- Get credit for courses, certifications, skills, and experience<sup>2</sup>
- Earn degree in as few as 23 months with maximum transfer of elective credits<sup>2</sup>
- Attend on campus or online<sup>1</sup>
- Financial aid and scholarships for those who qualify

## Request More Information

Just fill out the form below and an admissions representative will follow-up to answer any questions you may have.

First Name\*  Last Name\*

Email\*

Phone\*

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[Request Info](#)

**The purpose of the Bachelor of Science in Technology Management is to build and strengthen business and management acumen within technological industries such as, but not limited to:**

- Aviation Maintenance Technology
- Avionics/Aviation Electronics Technology
- Nondestructive Testing Technology
- Aviation Flight
- Automotive Technology
- Heating, Ventilation, and Air Conditioning
- Welding
- Construction
- Other Specialties

Combine the technical training, skills and experience you already have with education in communication, quantitative reasoning, and critical thinking, as well as business management to prepare for challenges in the field.

Graduates of the Technology Management B.S. degree program are more well-rounded, and with experience working in the technology field, will be more prepared for future opportunities including entry-level management.



<sup>1</sup>Before enrolling and to continue, ensure that you're in a state eligible for their Online TM degree program: [spartan.edu/tulsa/distance-education-state-authorization-list](http://spartan.edu/tulsa/distance-education-state-authorization-list)

<sup>2</sup>Please refer to the College [Catalog](#) for full transfer [credit policy](#).



# Aviation Flight Training Program

Spartan's aviation flight school and instruction are comprehensive, giving you the opportunity to learn the topics necessary to be a safe and skilled pilot. Training to become a pilot at Spartan College will give you the experience needed to earn multiple Federal Aviation Administration (FAA) part 141 pilot certifications and ratings.\*

## Request More Information

Just fill out the form below and an admissions representative will follow-up to answer any questions you may have.

First Name\*  Last Name\*

Email\*

Phone\*

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[Request Info](#)



## Preparing You for Takeoff

Aviation flight specialty courses prepare you to become a commercial pilot. Getting your training at Spartan College means:

- In-flight training begins your first week.
- All flight instruction is performed with one instructor to one student.
- In Addition, while Spartan does not offer ATP certification training, students who complete our program are able to test for the ATP certification based on a reduced flight time requirement as outlined in the FAA guidelines, Part 141.

## TECHNOLOGY | SAFETY | PRACTICALITY



## Program Details

### Associate of Applied Science Aviation Flight (Degree)

**17 Months** (\*Airplane Pilot Commercial D.O.T. 195.263-014)

This program is designed to provide the necessary education and entry-level skills that will prepare students for FAA certifications and ratings.

The ground school courses equip students with the academic knowledge to safely and efficiently perform flight duties and also prepare them for their required FAA written examinations. Flight training prepares students for their respective FAA flight tests in accordance with the FAA Airmen Certification Standards.

The general education courses are designed to enhance students' background and intellectual proficiency. Aviation safety, professionalism, and precision flying are emphasized in all courses.

### Milestones that may be earned in our program:

- Private Pilot Airplane Single-Engine
- Instrument Rating
- Commercial Pilot Certificate Airplane Single-Engine
- Commercial Pilot Certificate Airplane Multi-Engine
- Certified Flight Instructor Certificate
- Certified Flight Instructor Instrument

\*While no college can guarantee employment, many FAA141 program graduates begin by applying for positions such as a Certified Flight Instructor while building flight hours to become eligible for ATP certification and regional pilot positions.

[Certification Disclosure Information](#)

[Get Program Details](#)

## Flight Facility

123 West Cessna Drive, Tulsa OK 74132

Spartan College's aviation flight training program is located on a tower-controlled airport with dual runways in Tulsa, Oklahoma.

We maintain a fleet of just over 40 aircraft, including Cessna 172's, and Piper Archers. Piper Seminole are used for multi-engine pilot training and two flight simulators plus a full-motion advanced aviation training device are used in training as well.

According to the FAA Aerospace Forecast 2019-39, the number of jets in the U.S. mainline carrier fleet is forecast to grow an average of 51 aircraft a year.

## OUR EQUIPMENT

Piper Archer TX

Piper Seminole

Cessna 172R

### PIPER ARCHER TX / MODEL



**128 KTAS**  
MAX CRUISE SPEED

**522 NM**  
MAX RANGE

**1,608 FT**  
TAKEOFF  
DISTANCE

**1,400 FT**  
LANDING  
DISTANCE

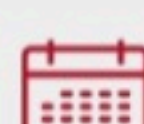
(Over 50 ft. obstacle)

### STANDARD FEATURES

- Garmin G1000 NXi AVIONICS SUITE
- Single 10.4" GDU 1050 PFD
- Single 10.4" GDU 1050 MFD
- Garmin Flight Charts
- Garmin SafeTaxi
- GMA 1360 Digital Audio Panel
- GTX 335R Transponder
- Aspen Standby EFD 1000



## WHAT DOES OUR FLIGHT SCHOOL HAVE TO OFFER?



**17-month program earning an Associate Degree**



**Apply to be a certified flight instructor upon graduation to build flight hours**



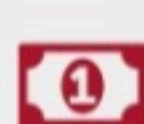
**Adding New Aircraft to our Fleet with Advanced Avionics Systems**



**CFI to student ratio that allows you up to 4 lessons per week**



**In-Flight training begins in your first few weeks**



**Attending an FAA Part 141 program allows you to earn pilot certifications with less flying hours**

## Flight Program Timeline

Visualize the steps you'll take from enrolling to lift off!

[See Timeline +](#)

## Course Work

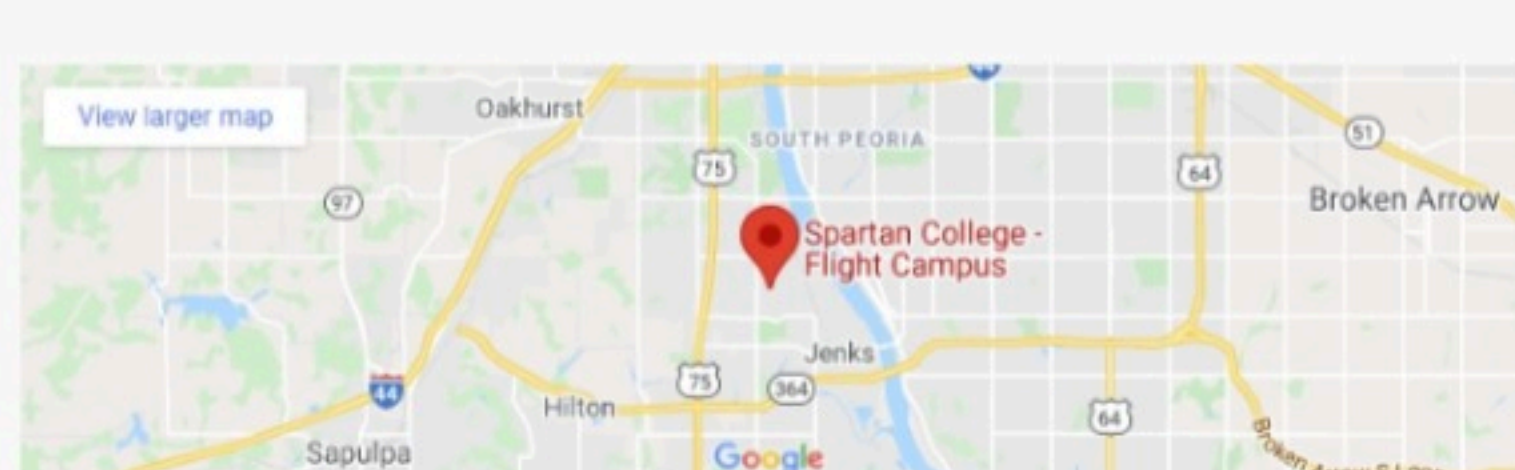
This program is designed to provide the necessary education and background that will enable students to be prepared both technically and professionally for entry-level aviation positions. Private Pilot Certification, Instrumentation Rating, Commercial, and Certified Flight Instructor (CFI) modules are included in the program.

- + Private Pilot Certificate
- + Instrument Rating
- + Commercial Pilot Certificate
- + Airplane Multi-Engine
- + Certified Flight Instructor Certification
- + Certified Flight Instructor Instrument

[Click Here For Full Class Catalog](#)



## Tulsa Flight Facility



### Where Are We Located?

**Spartan College – Flight Facility**  
123 West Cessna Drive Tulsa, OK 74132

Spartan College's aviation flight training program is located on a tower-controlled airport with dual runways in Tulsa, Oklahoma.



# 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 systems (UAS), has resulted in an increased demand for well-trained technicians with expertise in manufacturing, maintenance, repair, and installation of new and existing systems.

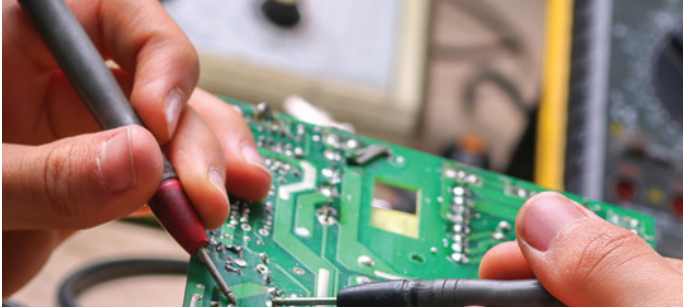
Aviation electronics technicians play a key role in the development and deployment of satellites, helicopters, and aircraft of all types and sizes.



## Technology Training

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

TRAINING FOR YOUR FUTURE



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

## Aviation Electronics Technology, Associate of Applied Science (Degree) · Program Length: 15 Months

(Avionics/UAS 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 UAS electronics and aircraft technicians, these students are taught 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 UASs. 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 in Technology Management degree program offered online or on campus.\*\*

\*\*Before enrolling, 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

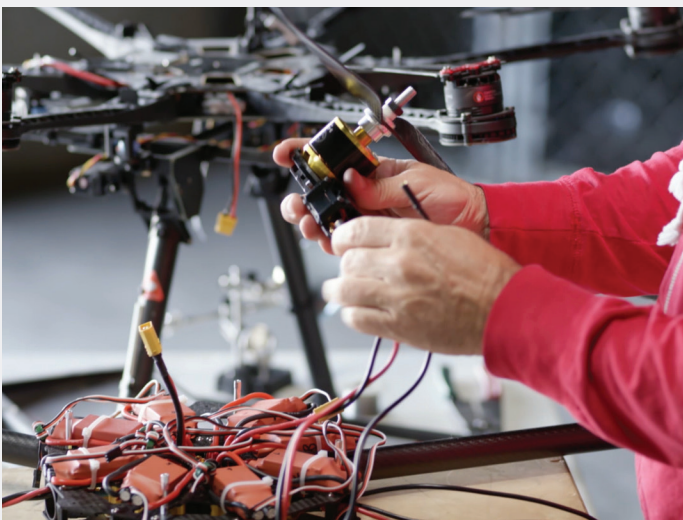
- Aerospace
- Robotics Electronics
- Airlines
- Simulator Development
- Communications
- Avionics Repair Shops
- Aircraft Manufacturing
- General Electronics

### Position Examples

- Avionics Technician
- Radar Technician
- UAS Technician
- Communication Technician
- Electronics Technician
- AV Equipment Installer

### Employer Examples

- Omni Air International
- Ascent Aviation Services
- Advent Aircraft Systems
- Tinker Air Force Base
- Saker Aviation
- Applied Technical Services
- Schnieder Electric
- LAM Research
- ComAv Technical Services
- Talon Test Laboratories
- Ameriflight
- Altech
- Michels Corporation
- Altus Air Force Base
- Red River Aviation



### Demand for Airline Technicians

According to the Boeing Pilot and Technician Outlook 2021-2040\*, 132,000 new aviation technicians (including AMT/AET 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 2021-2040, 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](http://Spartan.edu)

For more information about our graduation rates and other important information, visit <https://www.spartan.edu/tulsa/consumer-information/>

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# AVIATION MAINTENANCE TECHNOLOGY

**SPARTAN**  
COLLEGE OF AERONAUTICS AND TECHNOLOGY



Aviation maintenance technicians keep aircraft in safe flying condition by servicing, repairing and overhauling aircraft components following stringent regulations set forth by the Federal Aviation Administration (FAA). All aircraft are required to undergo thorough inspections and repairs on a regular basis. These services are provided by technicians certified by the FAA. Technicians in this field work on aircraft components and systems including airframe, piston engines, turbine engines, hydraulic systems, propellers, rigging, warning systems, and environmental systems.

Companies in many industries such as aerospace, seek the qualified, detail-oriented skills possessed by aviation maintenance (A&P) technicians. This need opens the opportunities for aviation maintenance technicians to aviation and beyond.



- Boeing 727 Cockpit Section
- AeroCommander
- C303 Crusader
- Cessna C-150s
- Sabreliner for Static Training
- Thirteen Operational Aircraft

TRAINING FOR YOUR FUTURE





## Aviation Maintenance Technology - Hybrid Option (Diploma) · Length: 20 months

## Aviation Maintenance Technology - Hybrid Option, Associate of Applied Science (Degree) · Length: 23 months

### Aviation Maintenance Technology (Diploma) · Length: 17 months

### Aviation Maintenance Technology, Associate of Applied Science (Degree) · Length: 20 months

(Airframe and Powerplant Mechanic D.O.T. 621.281-014)

The program is designed to teach students the technical skills required to service, repair, and overhaul aircraft components and systems and are applicable to other maintenance industries and professions. Successful completion qualifies graduates to take the written, oral, and practical exams with the FAA for the Mechanic's Certificate with both Airframe and Powerplant Ratings. The program is FAA Part 147 approved and the skill sets learned will provide for a wide variety of entry-level employment opportunities inside and out of the aviation industry: therefore, certification is not required in all areas. Our Hybrid AMT option (the first ever comprehensive option approved by the FAA), allows students to start the first 12 months of their training online at home and then complete the hands-on portion in 8 months at our Tulsa campus.\*\*

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

\*\*Before enrolling, ensure that you're in a state eligible for our Online courses. Online Education State Authorization List: <https://www.spartan.edu/tulsa/distanceeducation-state-authorization-list/>

### INDUSTRY OUTLOOK

Opportunities appear favorable through 2029 for aviation technicians that complete FAA-approved training programs\* due to a need to replace retiring mechanics.

\* Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Aircraft and Avionics Equipment Mechanics and Technicians, at <https://www.bls.gov/ooh/installation-maintenance-and-repair/aircraft-and-avionics-equipment-mechanics-and-technicians.htm> (visited February 21, 2021)

### Position Examples

- A&P Technician
- Airframe Mechanic
- Jet Engine Technician
- Line Technician
- Sheet Metal Technician
- Composite Specialist
- Helicopter Technician
- Heavy Equipment Technician

### Employer Examples

- Metaltek
- Omni Air International
- ABB Motors and Mechanical Inc.
- Ameriflight
- Coast to Coast Inspection Services, Inc
- Wheels Up Private Jets
- Worldwide Aircraft Services Inc
- Jett Aircraft



### Demand for Aviation Technicians

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### Since 1928

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<http://www.boeing.com/commercial/market/pilot-technician-outlook/>

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# AVIATION MAINTENANCE TECHNOLOGY

**SPARTAN**  
COLLEGE OF AERONAUTICS AND TECHNOLOGY



Aviation maintenance technicians keep aircraft in safe flying condition by servicing, repairing and overhauling aircraft components following stringent regulations set forth by the Federal Aviation Administration (FAA). All aircraft are required to undergo thorough inspections and repairs on a regular basis. These services are provided by technicians certified by the FAA. Technicians in this field work on aircraft components and systems including airframe, piston engines, turbine engines, hydraulic systems, propellers, rigging, warning systems, and environmental systems.

Companies in many industries such as aerospace, seek the qualified, detail-oriented skills possessed by aviation maintenance (A&P) technicians. This need opens the opportunities for aviation maintenance technicians to aviation and beyond.



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- AeroCommander
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- Thirteen Operational Aircraft

TRAINING FOR YOUR FUTURE





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## Aviation Maintenance Technology (Diploma) · Program Length: 17 months

## Aviation Maintenance Technology, Associate of Applied Science (Degree) · Program Length: 20 months

(Airframe and Powerplant Mechanic D.O.T. 621.281-014)

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### Position Examples

- A&P Technician
- Airframe Mechanic
- Jet Engine Technician
- Line Technician
- Sheet Metal Technician
- Composite Specialist
- Helicopter Technician
- Heavy Equipment Technician

### Employer Examples

- Metaltek
- Omni Air International
- ABB Motors and Mechanical Inc.
- Ameriflight
- Coast to Coast Inspection Services, Inc
- Wheels Up Private Jets
- Worldwide Aircraft Services Inc
- Jett Aircraft



### Demand for Airline Technicians

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# THE BACHELOR OF SCIENCE IN TECHNOLOGY MANAGEMENT

**SPARTAN**  
COLLEGE OF AERONAUTICS AND TECHNOLOGY



The Bachelor of Science in Technology Management (BSTM) is designed for students who wish to strengthen their business and management acumen within technical industries. At Spartan College, we understand the need for our graduates to complete their bachelor's degree in a convenient format. That is why our Technology Management degree program is offered in-person at our Tulsa Campus or through Distance/Online Education\*. Graduates of the Technology Management B.S. degree program may be more prepared for future opportunities with prior experience working in technical industries.

\*Before enrolling, 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/distance-education-state-authorization-list/>

## Why Spartan?

- Possibility for up to 30 transfer credits\* towards technical electives from a technical program or FAA certification based on the transfer credit policy found in the College Catalog
- Transfer of Credit Evaluation\* from Spartan Associate Degree and/or other College/University to possibly reduce time to graduation
- Experienced faculty for core courses
- Accredited College, ACCSC
- Live tutoring support available

\*Spartan does not guarantee transfer of credits. Refer to the College Catalog for the Transfer of Credit Policy. Possibility for thirty (30) credits of technical coursework includes one of the following prerequisites: Students earn at Spartan or transfer from another accredited post-secondary institution, Airframe and Powerplant Certification (FAA-147), or currently be enrolled in an approved flight training program leading to Certified Flight Instructor (CFI) rating. Visit our catalog for more information at <https://www.spartan.edu/tulsa/consumer-information/>



## Online or Hybrid Technology Management Bachelor Degree Program?

Spartan College offers the opportunity for you to earn your Technology Management degree in multiple ways. The degree can be completed Online\* or in a hybrid fashion split between online and on-campus. Our online Technology Management program is available to complete without uprooting your life.

\*Before enrolling, 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/distance-education-state-authorization-list/>

## Bachelor's Degree Prerequisites

In addition to the standard admission requirements, to enroll in the bachelor programs, technical students (non-flight) are required to have their diploma/degree completed and be working in or have previous experience in the technical field. To validate this experience, students may be required to submit transcripts, certifications, and/or work history.

To enroll in the bachelor programs, flight students must have private pilot certification completed and be currently enrolled in an approved flight training program leading to Certified Flight Instructor (CFI) rating.



It is possible to be awarded credits from Spartan College for certifications earned through the Federal Aviation Administration (FAA). Please refer to the Transfer Credit Policy in the Tulsa Catalog for more information or speak with our campus representatives to find out more.

## Who is this degree designed for?

Those who've graduated with technical diplomas/degrees from Spartan College or other accredited institutions and have experience in the field. Students earn at Spartan or transfer from another accredited institution, according to the Spartan transfer policy, thirty (30) credits of coursework in a technical field of their choice. Some examples of these fields include but are not limited to:

Pilots, Aviation technicians, Aviation Electronics/Avionics, Automotive, Nondestructive Testing, HVAC, Quality Control, Welding, Construction, and other technical specialties.

## Sample Classes

Students combine their technical training and experience with education in communication, quantitative reasoning, and critical thinking, as well as business management to prepare them to meet challenges in the field. This blend of training, experience, and education you receive with our technology management degree allows you to increase your knowledge and management skills. Graduates of the Technology Management B.S. degree program are more well-rounded, and with experience working in the technology field, will be more prepared for future opportunities including entry-level management.



This course is an Introduction to management principles and techniques with a view toward developing essential skills in the field. Both the history of management and contemporary issues will be discussed. It prepares students for further studies in management.



This course is designed to help pending graduates develop an effective approach to the job search process. The course emphasizes the understanding of industry expectations and job trends, assessing and developing skills for the workplace, developing a professional portfolio with cover letters and resumes, projecting professionalism, and the practical applications of networking.

An in-depth study of managerial practices needed for business in today's global marketplace. Subject areas include managerial theory and several special topics including a global perspective on management in the world economy. Case studies illustrating managerial problems and solutions are widely used.



## Tulsa - Main Campus

8820 East Pine Street, Tulsa, OK 74115

Call 918-831-8688 or visit us online at [Spartan.edu](https://www.spartan.edu)

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.





If flying is your passion, Spartan offers FAA Part 141 approved flight training with one of the most efficient routes to becoming “pilot ready.”

Since 1928, Spartan has been training pilots to reach their goals as professionals in aviation. The tablet-based curriculum allows students to move through their training easily and with more opportunity to practice as they learn.



## The Tools to Succeed

- Fleet of over 40 aircraft
- FAA approved flight training facility
- Nearly 40,000 sq.ft. of hangar and classroom space
- Piper Seminoles
- Piper Archers
- Cessna 172s





## BECOME A PART OF THE RICH SPARTAN TRADITION



### Aviation Flight, Associate of Applied Science

(Degree) · Program Length: 17 months

(Airplane Pilot Commercial D.O.T. 196.263-014)

This program is designed to prepare students, both technically and professionally, for entry-level aviation positions such as Certified Flight Instructor. The ground school courses equip the students with the academic knowledge to perform flight duties and their required FAA examinations. The flight training prepares students for their respective FAA flight tests in accordance with the FAA Practical Test Standards. Our tablet-based curriculum can help our students to move through their training more efficiently and with more opportunity to practice as they learn.

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

\*\*Before enrolling, 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/>



#### Increased Demand for Airline Pilots

According to the Boeing Pilot and Technician Outlook 2021-2040\*, 130,000 new civil aviation pilots will be needed to maintain the North American fleet over the next 20 years.



#### Tulsa Tradition

"Knowledge and Skill Overcome Superstition and Luck." The Black Cat was the original insignia of the Spartan Dawn Patrol; its origin is an integral part of Spartan's history, dating back to 1929.

\*Boeing: Pilot and Technician Outlook 2021-2040, pg. 8  
<http://www.boeing.com/commercial/market/pilot-technician-outlook/>

### Tulsa – Flight Location

Tulsa Riverside Airport, 123 Cessna Drive, Tulsa, OK 74132  
 Main Campus: 8820 East Pine Street, Tulsa, OK 74115  
 Call 918-831-8688 or visit us online at [Spartan.edu](http://Spartan.edu)

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# AVIATION MAINTENANCE TECHNOLOGY



**EXCLUSIVE BENEFITS**

FOR TEAMSTERS MEMBERS  
& THEIR FAMILIES  
(FOR THOSE WHO QUALIFY)



Aviation maintenance technicians keep aircraft in safe flying condition by servicing, repairing and overhauling aircraft components following stringent regulations set forth by the Federal Aviation Administration (FAA). All aircraft are required to undergo thorough inspections and repairs on a regular basis. These services are provided by technicians certified by the FAA. Technicians in this field work on aircraft components and systems including airframe, piston engines, turbine engines, hydraulic systems, propellers, rigging, warning systems, and environmental systems.

Companies in many industries such as aerospace, seek the qualified, detail-oriented skills possessed by aviation maintenance (A&P) technicians. This need opens the opportunities for aviation maintenance technicians to aviation and beyond.



**Spartan Toolkit**

- Boeing 727 Cockpit Section
- AeroCommander
- C303 Crusader
- Cessna C-150s
- Sabreliner for Static Training
- Thirteen Operational Aircraft

TRAINING FOR YOUR FUTURE





## Aviation Maintenance Technology (Diploma) · Program Length: 17 months

## Associate of Applied Science Aviation Maintenance Technology (Degree) · Program Length: 20 months

(Airframe and Powerplant Mechanic D.O.T. 621.281-014)

The program is designed to teach students the technical skills required to service, repair, and overhaul aircraft components and systems and are applicable to other maintenance industries and professions. Successful completion qualifies graduates to take the written, oral, and practical exams with the FAA for the Mechanic's Certificate with both Airframe and Powerplant Ratings. The program is FAA Part 147 approved and the skill sets learned will provide for a wide variety of entry-level employment opportunities inside and out of the aviation industry; therefore, certification is not required in all areas.

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 enrolling, 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/>

## INDUSTRY OUTLOOK

Opportunities appear favorable through 2030 for aviation technicians that complete FAA-approved training programs\* due to a need to replace retiring mechanics.

\* Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Aircraft and Avionics Equipment Mechanics and Technicians, at <https://www.bls.gov/ooh/installation-maintenance-and-repair/aircraft-and-avionics-equipment-mechanics-and-technicians.htm>

### Position Examples

- A&P Technician
- Airframe Mechanic
- Jet Engine Technician
- Line Technician
- Sheet Metal Technician
- Composite Specialist
- Helicopter Technician
- Heavy Equipment Technician

### Employer Examples

- American Airlines
- Honeywell
- LUFTHANSA TECHNIK
- Skywest Airlines
- SpaceX - Space Exploration Technologies
- Sierra Nevada Corporation
- Mesa Airlines
- Amazon
- Endeavor Airlines



### Demand for Airline Technicians

According to the Boeing Pilot and Technician Outlook 2021-2040\*, 132,000 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, <http://www.boeing.com/commercial/market/pilot-technician-outlook/>

## Tulsa – Main Campus

8820 East Pine Street, Tulsa, OK 74115  
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Your Dedication  
Your Grit  
Your Determination  
**PROVE IT**

**We know you've got what it takes – or you wouldn't be a Spartan.**

But do you think you've got what it takes?

Earn your [Bachelor of Science in Technology Management](#) (BSTM) in-person or online\*\* and strengthen your business and management acumen within technical industries.

At Spartan College, we offer a pathway for you to earn your bachelor's degree in a convenient format. Plus, our Technology Management degree program is offered in-person at our Tulsa campus or through Distance/Online Education\*. All you need is listed in the Spartan [Catalog](#), however starting with the credit hours and experience in a technical role gets the ball rolling.

**Prove it to Yourself**

**Have questions?** Reply to this email or call [918-480-8420](tel:918-480-8420)

\*Please refer to the College [Catalog](#) for full transfer [credit policy](#).

\*\*Before enrolling and to continue, ensure that you're in a state eligible for their Online TM degree program: [spartan.edu/tulsa/distance-education-state-authorization-list](http://spartan.edu/tulsa/distance-education-state-authorization-list)



For more information about our graduation rates and other important information, visit <https://www.spartan.edu/tulsa/consumer-information/>

Lic O.B.P.V.S

Spartan College of Aeronautics and Technology, 8820 East Pine Street, Tulsa, OK 74115, United States, (918) 836-6886

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# SPARTAN

COLLEGE OF AERONAUTICS AND TECHNOLOGY

## AVIATION MAINTENANCE TECHNOLOGY

DIPLOMA | 17 MONTHS

**20 MONTHS**

ASSOCIATE OF APPLIED SCIENCE

INDUSTRY EXPERIENCED LAB

**INSTRUCTORS**

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