

Aviation Maintenance Technology Certification Disclosure Information

Spartan College of Aeronautics and Technology does not guarantee third-party certifications. Certification requirements for taking and passing certification examinations are not controlled by the College, but by outside agencies and are subject to change by the agencies without notice to the College. Therefore, the College cannot guarantee that students and graduates will be eligible to take certification examinations, regardless of their eligibility status upon enrollment.

College	Spartan College of Aeronautics and Technology
Location	10851 West 120th Ave, Broomfield, CO 80021
Program Name	Aviation Maintenance Technology (AMT)
Certification Agency	Federal Aviation Administration (FAA)
Program Approval Required?	Yes, FAA Part 147 (Code of Federal Regulations, Title 14, Chapter 1, Subchapter H, Part 147) approval is required.
Program Approval Active?	Yes. Air Agency Certificate Number: DH9T086R. This certification does not expire.
Federal/National or By State?	Federal. This approval allows Spartan students to sit for the exam(s) in any state if they have completed the required coursework.
Benefits of Certification	<p>Students can choose to take the certification exams based on FAA eligibility requirements. This choice and the results do not impact course or program completion.</p> <p>There are various related positions within the aviation industry that do not require Airframe and Powerplant certification. These positions are limited in scope of work and do not have return to service authority. Return to service authority allows for return to service any component or task completed. For positions that require return to service authority, the person must be a certificated A&P mechanic.</p>
Criminal and Misdemeanor Offenses	It is imperative to understand that employers across industries, the Federal Aviation Administration, and other agencies could deny employment, certification, licensure, or related benefits should you have a record of misdemeanor or felony activity. It is the student's responsibility to research whether any past offenses may prevent or could limit opportunities in the future. Students must keep their record clear of any issues. The College has no control over how past or future offenses impact employability or the student's ability to become certified or licensed.
Exam 1:	General Exam (1)
Requirement to sit for exam(s)	Completion of the General FAA approved curriculum and the issuance of a college General Completion Certificate. Refer to the FAA eligibility criteria for more information.
Special Requirements	Age 18

Fees	Additional fees are required and payable to the FAA approved Testing Centers. These fees are approximately \$175.00 for the General Knowledge Written exam; however, Spartan students may be eligible for one attempt of the exam at no cost if taken at the Spartan testing center and based on other requirements as detailed in the College Catalog. Refer to FAA.gov for most current pricing.
Exam 2:	Airframe Exam (1)
Requirement to sit for exam(s)	Completion of the General and Airframe FAA approved curriculum and the issuance of a college Airframe Completion Certificate. Refer to the FAA eligibility criteria for more information.
Special Requirements	Age 18
Fees	Additional fees are required and payable to the FAA approved Testing Centers. These fees are approximately \$175.00 for the Airframe Knowledge Written exam; however, Spartan students may be eligible for one attempt of the exam at no cost if taken at the Spartan testing center and based on other requirements as detailed in the College Catalog. Refer to FAA.gov for most current pricing.
Exam 3:	Powerplant Exam (1)
Requirement to sit for exam(s)	Completion of the General and Powerplant FAA approved curriculum and the issuance of a college Powerplant Completion Certificate. Refer to the FAA eligibility criteria for more information.
Special Requirements	Age 18
Fees	Additional fees are required and payable to the FAA approved Testing Centers. These fees are approximately \$175.00 for the Powerplant Knowledge Written exam; however, Spartan students may be eligible for one attempt of the exam at no cost if taken at the Spartan testing center and based on other requirements as detailed in the College Catalog.
Exam 4:	Oral and Practical Exams (3)
Requirement to sit for exam(s)	Successful completion of the FAA approved General, Airframe and Powerplant curriculum and successful completion of all FAA written Knowledge exams. Refer to the FAA eligibility criteria for more information.
Special Requirements	Age 18
Fees	Additional fees are required and payable to an FAA approved Designated Mechanics Examiner (DME). The DME is an independent contractor. These fees can vary from examiner to examiner. It is the responsibility of the student to contact a DME to determine the fees charged by that examiner; however, Spartan students may be eligible for one attempt of the Oral and Practical exam at no charge or receive reimbursement, based on other requirements as detailed in the College Catalog.

College	Spartan College of Aeronautics and Technology
Location	10851 W 120 th Ave, Broomfield, CO 80021
Program Name	Aviation Maintenance Technology (AMT)
Certification Agency?	Federal Communication Commission (FCC)

Program Approval Required?	No
Program Approval Active?	N/A
Federal/National or By State?	Federal. Federal Communication Commission (FCC)
Benefits of Certification	<p>The FCC Element 1, 3, and 8 exams allow for individuals to:</p> <p>Operate certain aviation radiotelephone stations and certain coast radiotelephone stations in a commercial capacity (Element 1).</p> <p>Adjust, maintain, or internally repair FCC licensed radiotelephone transmitters in the aviation, maritime, and international fixed public radio services. It conveys all the operating authority of the Marine Radio Operator Permit (MP). It is required to operate any compulsorily equipped ship radiotelephone station operating with more than 1,500 watts of peak envelope power and voluntarily equipped ship and aeronautical (including aircraft) stations with more than 1,000 watts of peak envelope power (Element 3).</p> <p>Only persons whose commercial radio operator license bears this endorsement may repair, maintain, or internally adjust ship radar equipment (Element 8).</p> <p>These certifications may be required for certain positions within the aviation electronics and avionics occupations, while other positions in the AMT field and in related fields hire without certification.</p>
Criminal and Misdemeanor Offenses	<p>It is imperative to understand that employers across industries, the Federal Aviation Administration, and other agencies could deny employment, certification, licensure, or related benefits should you have a record of misdemeanor or felony activity. It is the student's responsibility to research whether any past offenses may prevent or could limit opportunities in the future. Students must keep their record clear of any issues. The College has no control over how past or future offenses impact employability or the student's ability to become certified or licensed.</p>
Exam: Element 1 – Marine Radio Operator Permit (MP)	
Requirement to sit for exam(s)	<p>Within the Spartan AMT program, information is presented that can help prepare students for the optional FCC Element 1 knowledge exam. Students can choose to take the exam after or during the program. This choice and the results do not impact course or program completion. Refer to the FCC eligibility criteria for more information.</p> <p>Element 1 - Basic radio law and operating practice with which every maritime radio operator should be familiar. To pass, an examinee must correctly answer at least 18 out of 24 questions.</p>

	<p>No formal training is required to qualify for the FCC Element 1 exam. Anyone meeting the FCC eligibility requirements can study the materials, pay the test fee, and take the exam.</p>				
Special Requirements	<ul style="list-style-type: none"> • Be a legal resident of (or otherwise eligible for employment in) the United States; • Be able to receive and transmit spoken messages in English; and • Pass a written and/or telegraphy examination(s) as described below under examinations. <p>To obtain an FCC Commercial Operator License, applicants must submit, to the Commission, proof of passing written Elements as illustrated in the following table.</p> <table border="0"> <tr> <td style="text-align: left;">Type of License</td> <td style="text-align: right;">Elements</td> </tr> <tr> <td style="text-align: left;">Marine Radio Operator Permit</td> <td style="text-align: right;">Written Element 1</td> </tr> </table> <p>https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/commercial-0</p>	Type of License	Elements	Marine Radio Operator Permit	Written Element 1
Type of License	Elements				
Marine Radio Operator Permit	Written Element 1				
Fees	<p>Additional fees are required and payable to the FCC Approved Testing Center. These fees are approximately \$125.00 for the FCC Element 1 (Marine Radio Operator Permit) written exam (as of March 2023); however, students are eligible for one attempt of the exam at no cost if taken at an approved PSI testing center and based on other requirements as outlined in the College Catalog.</p>				
Exam: Element 3 – General Radiotelephone Operator License (PG)					
Requirement to sit for exam(s)	<p>Within the Spartan AMT program, information is presented that can help prepare students for the optional FCC Element 3 knowledge exam. Students can choose to take the exam after or during the program. This choice and the results do not impact course or program completion. Refer to the FCC eligibility criteria for more information.</p> <p>Element 1 [Marine Radio Operator Permit (MP)] - Basic radio law and operating practice with which every maritime radio operator should be familiar. To pass, an examinee must correctly answer at least 18 out of 24 questions.</p> <p>Element 3 – General Radiotelephone. Electronic fundamentals and techniques required to adjust, repair, and maintain radio transmitters and receivers. The exam consists of questions from the following categories: operating procedures, radio wave propagation, radio practice, electrical principles, circuit components, practical circuits, signals and emissions, and antennas and feed lines. To pass, an examinee must correctly answer at least 75 out of 100 questions.</p> <p>No formal training is required to qualify for the FCC Element 3 exam. Anyone meeting the FCC eligibility requirements can study the materials, pay the test fee, and take the exam.</p>				

<p>Special Requirements</p>	<ul style="list-style-type: none"> • Be a legal resident of (or otherwise eligible for employment in) the United States; • Be able to receive and transmit spoken messages in English; • Pass a written and/or telegraphy examination(s) as described below under examinations; and • Need to have successfully passed the Element 1-Marine Radio Operator Permit (MP) Exam. <p>To obtain an FCC Commercial Operator License, applicants must submit, to the Commission, proof of passing written Elements as illustrated in the following table.</p> <table border="0"> <thead> <tr> <th style="text-align: left;">Type of License</th> <th style="text-align: left;">Elements</th> </tr> </thead> <tbody> <tr> <td>General Radiotelephone Operator License</td> <td>Written Element(s) 1 & 3</td> </tr> </tbody> </table> <p>https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/commercial-0</p>	Type of License	Elements	General Radiotelephone Operator License	Written Element(s) 1 & 3
Type of License	Elements				
General Radiotelephone Operator License	Written Element(s) 1 & 3				
<p>Fees</p>	<p>Additional fees are required and payable to the FCC Approved Testing Center. These fees are approximately \$125.00 for the FCC Element 3 (General Radiotelephone Operator License) written exam (as of <u>March 2023</u>); however, students are eligible for one attempt of the exam at no cost if taken at an approved PSI testing center and based on other requirements outlined in the College Catalog.</p>				
<p>Exam: Element 8 – Ship Radar Endorsement</p>					
<p>Requirement to sit for exam(s)</p>	<p>Within the Spartan AMT program, information is presented that can help prepare students for the optional FCC Element 8 knowledge exam. Students can choose to take the exam after or during the program. This choice and the results do not impact course or program outcomes. Refer to the FCC eligibility criteria for more information.</p> <p>Element 8 – Ship Radar Techniques. Specialized theory and practice applicable to the proper installation, servicing, and maintenance of ship radar equipment in general use for marine navigation purposes. To pass, an examinee must correctly answer at least 38 out of 50 questions.</p> <p>No formal training is required to qualify for the FCC Element 8 exam. Anyone meeting the FCC eligibility requirements can study the materials, pay the test fee, and take the exam.</p>				
<p>Special Requirements</p>	<ul style="list-style-type: none"> • Be a legal resident of (or otherwise eligible for employment in) the United States; • Be able to receive and transmit spoken messages in English; • Hold (or qualify for) a PG, DM, DB, T, T1, or T2 FAA certifications; and • Pass a written examination as described below. <p>To obtain an FCC Commercial Operator License, applicants must submit, to the Commission, proof of passing written Elements as illustrated in the following table.</p>				

	<p>Type of License Radiotelegraph Operator License</p> <p>Elements Written Elements 8</p> <p>https://www.fcc.gov/wireless/bureau-divisions/mobility-division/commercial-radio-operator-license-program/commercial-0</p>
Fees	Additional fees are required and payable to the FCC Approved Testing Center. These fees are approximately \$125.00 for the FCC Element 8 (Radiotelegraph Operator License) written exam (as of March 2023); however, students are eligible for one attempt of the exam at no cost if taken at an approved PSI testing center and based on other requirements outlined in the College Catalog.

College	Spartan College of Aeronautics and Technology
Location	10851 W 120 th Ave, Broomfield, CO 80021
Program Name	Aviation Maintenance Technology (AMT)
Certification Agency	Federal Aviation Administration (FAA)
Program Approval Required?	No
Program Approval Active?	N/A
Federal/National or By State?	Federal. Federal Aviation Administration (FAA)
Benefits of Certification	The FAA Part 107 Remote Pilot Certification allows for individuals to operate unmanned aerial vehicles (UAV) in a commercial capacity as a remote pilot. This certification may be required for certain positions within the remote pilot occupation, while other positions in the AMT field and in related fields hire without certification.
Criminal and Misdemeanor Offenses	It is imperative to understand that employers across industries, the Federal Aviation Administration, and other agencies could deny employment, certification, licensure, or related benefits should you have a record of misdemeanor or felony activity. It is the student's responsibility to research whether any past offenses may prevent or could limit opportunities in the future. Students must keep their record clear of any issues. The College has no control over how past or future offenses impact employability or the student's ability to become certified or licensed.
Exam	
Requirement to sit for exam(s)	Within the Spartan AMT program, information is presented in the ARF2004 Comm/Nav and Instrument Systems lecture/lab courses to help prepare students for the optional FAA Part 107 knowledge exam. Students can choose to take the exam after completing this course. This choice and the results do not impact course or program completion. Refer to the FCC eligibility criteria for more information.

	No formal training is required to qualify for the FAA107 exam. Anyone meeting the FAA eligibility requirements can study the materials, pay the test fee, and take the exam.
Special Requirements	<ul style="list-style-type: none"> • Be at least 16 years old; • Be able to read, speak, write, and understand English; and • Be in a physical and mental condition to safely fly a drone. <p>https://www.faa.gov/uas/commercial_operators/become_a_drone_pilot/</p>
Fees	Additional fees are required and payable to the FAA approved Testing Center. These fees are approximately \$175.00 for the Remote Pilot Knowledge Written exam; however, Spartan students are eligible for one attempt of the exam at no cost if taken at an approved PSI testing center and based on other requirements outlined in the College Catalog.

College	Spartan College of Aeronautics and Technology
Location	10851 W 120 th Ave, Broomfield, CO 80021
Program Name (s)	Aviation Maintenance Technology (“AMT”), Associate of Applied Science Aviation Electronics Technology (“AET”), Associate of Applied Science
Certification Agency: IPC J-STD-001H with Space Hardware Addendum	
Program Approval Required?	No
Program Approval Active?	N/A
Federal/National or By State?	Federal. National Aeronautics and Space Administration (NASA)
Benefits of Certification	<p>The IPC certification exams allow for individuals to potentially generate an income as a Soldered Electrical and Electronic Assemblies technician:</p> <p>The standard describes materials, methods and verification criteria for producing high-quality soldered leaded and lead-free interconnections. It emphasizes process control and establishes industry consensus requirements for a broad range of electronic connections.</p> <p><i>NASA has adopted IPC J-STD-001H with Space Hardware Addendum for all Programs and Projects, effective on October 17, 2011. The NASA standards for soldering, NASA-STD-8739.2 and NASA -STD-8739.3, are cancelled as of October 17, 2011. NASA STD-8739.6, Implementation for NASA Workmanship Standards was published in 2012 to provide additional instructions for implementation of J-STD-001 (H&HS) on NASA Programs.</i></p> <p>Students who pass the IPC J-STD-001H with Space Hardware Addendum exams may have additional opportunities for possible future employment if they hold these NASA Standard certifications. These certifications may be required for certain positions within the aviation maintenance occupations, while other positions in the AMT and AET fields and in related fields hire without certification.</p>

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COLLEGE OF AERONAUTICS AND TECHNOLOGY

Criminal and Misdemeanor Offenses	It is imperative to understand that employers across industries, the Federal Aviation Administration, and other agencies could deny employment, certification, licensure, or related benefits should you have a record of misdemeanor or felony activity. It is the student's responsibility to research whether any past offenses may prevent or could limit opportunities in the future. Students must keep their record clear of any issues. The College has no control over how past or future offenses impact employability or the student's ability to become certified or licensed.
Exam: J-STD-001H with Space Hardware Addendum Endorsement	
Requirement to sit for exam(s)	<p>Within the Spartan AMT and AET programs, information is presented in the courses to help prepare students for the optional IPC J-STD-001H with Space Hardware Addendum knowledge and practical exam. Students can choose to take the exam after or during the program. This choice and the results do not impact course or program outcomes.</p> <p>IPC J-STD-001H – 6 lecture modules and an open book exam for each module. The practical part consists of four hands-on labs with an inspection of the work completed.</p> <p>The Space Hardware Addendum consists of a 25-question test (open book) that requires an 80% or better passing score. Need to complete the required module 1 from IPC-J-STD-001H and one additional module of their choice.</p>
Special Requirements	Pass a written and/or telegraphy examination(s) as described above under examinations.
Fees	Additional fees are required and payable to the IPC Approved Testing Center. These fees can cost up to \$1700.00 for the IPC J-STD-001H written & practical exam; however, students are eligible for one attempt of the exam at no cost if taken at the campus location. The \$1700.00 fee applies to an approved IPC CIT testing Proctor and based on other requirements.