



COLLEGE OF AERONAUTICS AND 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 W 120 th Ave, Broomfield, CO 80021
Program Name	Aviation Electronics Technology (AET)
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 AET field and in related fields hire without certification.</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

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	no control over how past or future offenses impact employability or the student's ability to become certified or licensed.				
Exam: Element 1 – Marine Radio Operator Permit (MP)					
Requirement to sit for exam(s)	<p>Within the Spartan AET 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="1" data-bbox="527 1186 1445 1260"> <thead> <tr> <th>Type of License</th> <th>Elements</th> </tr> </thead> <tbody> <tr> <td>Marine Radio Operator Permit</td> <td>Written Element 1</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	Marine Radio Operator Permit	Written Element 1
Type of License	Elements				
Marine Radio Operator Permit	Written Element 1				
Fees	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.				
Exam: Element 3 – General Radiotelephone Operator License (PG)					
Requirement to sit for exam(s)	Within the Spartan AET 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.				

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	<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="1" data-bbox="527 1291 1442 1365"> <thead> <tr> <th>Type of License</th> <th>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 AET 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</p>				

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	<p>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> <table border="1" data-bbox="527 1010 1443 1083"> <thead> <tr> <th>Type of License</th> <th>Elements</th> </tr> </thead> <tbody> <tr> <td>Radiotelegraph Operator License</td> <td>Written Elements 8</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	Radiotelegraph Operator License	Written Elements 8
Type of License	Elements				
Radiotelegraph Operator License	Written Elements 8				
<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 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.</p>				

Edgar Example

Printed Name

Edgar Example

Signature

Example

Date