

# Occupational Endorsement Certificate in Automotive Specialist

The Occupational Endorsement Certificate (OEC) in Automotive Specialist will help prepare students for the Automotive Service Excellence (ASE) Electrical and Brakes Certifications and to perform basic tasks related to the automotive maintenance and brake repair industries. Credits from the OEC in Automotive Specialist are applicable to the Undergraduate Certificate and Associate of Applied Science in Automotive Technology.

The OEC as an Automotive Specialist is built on ASE Education Foundation standards.

## Admission Requirements

- Complete the Admission Requirements for Occupational Endorsement Certificates. (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>)

## Graduation Requirements

- Complete the General University Requirements for Occupational Endorsement Certificates. (<http://catalog.uaa.alaska.edu/undergraduateprograms/oecrequirements/>)
- Complete the following major requirements with a minimum grade of C:

Code	Title	Credits
ADT A102	Introduction to Automotive Technology	3
ADT A121	Basic Electrical Systems	3
ADT A122	Engine Theory and Diagnosis	3
ADT A131	Auto Electrical II	3
ADT A150	Brake Systems	4
<b>Total</b>		<b>16</b>

A minimum of 16 credits is required for the certificate.

## Program Student Learning Outcomes

Students graduating with an Occupational Endorsement Certificate as an Automotive Specialist will be able to:

- Demonstrate technical knowledge and critical thinking necessary for success in the automotive maintenance and repair industry.
- Demonstrate proficiency in performing electrical and brake system diagnostic tasks in a professional setting.
- Demonstrate effective employability skills, including oral and written communication skills, as required by accreditation standards of the ASE Education Foundation.
- Demonstrate academic proficiency necessary to pass national examinations in the electrical and brakes areas.

## Sample Plan

The academic plan below is one pathway through the degree/certificate. It includes all requirements, taking into account recommendations from program faculty. Each student's plan may vary according to their initial course placement (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/academicstandardsregulations/courseplacement/>), intended course load, additional majors and/or minors, and their placement into required prerequisite courses. Any change in the plan below can have an unforeseen impact on the rest of the plan. **Therefore, it is very important to meet with your academic advisor to verify your personal academic plan.**

**Please review the following terms, definitions, and resources associated with the sample academic plan below.**

- Each course in the far left column links to a pop-up bubble with a course description, prerequisite requirements, and associations with university requirements. For example, if a course fulfills a general education requirement, you will see that in the pop-up bubble.
- **GER:** indicates a General Education Requirement (<http://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/gers/>). GERs that also count toward degree/certificate requirements appear as a specific course in the plan. For these courses, "GER" is not indicated explicitly in the table, but if you click on the course, you will see the course's GER status in the pop-up bubble.
- **Program Elective:** indicates a specific course selection determined by program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- **Elective:** indicates an open selection of 100-400 level university courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate.
- **Upper Division Program Elective:** indicates a specific 300-400 level course selection determined by the program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- **Upper Division Elective:** indicates an open selection of 300-400 level courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate. These courses must be upper division in order to meet General University Requirements for the particular degree/certificate type.

### First Year

Fall		Credits
ADT A102	Introduction to Automotive Technology	3
ADT A121	Basic Electrical Systems	3
ADT A131	Auto Electrical II	3
ADT A150	Brake Systems	4
	<b>Credits</b>	<b>13</b>

### Spring

ADT A122	Engine Theory and Diagnosis	3
	<b>Credits</b>	<b>3</b>
	<b>Total Credits</b>	<b>16</b>