

# Automotive Specialist

Holland code family: Doers

## About the Program

The Automotive Specialist four-term certificate program is designed for students who wish to acquire basic technical training to enter minor automotive industry positions. Students who desire more in-depth industry training as automotive technicians and/or Automotive Service Excellence (ASE) training at all levels should enroll in the Associate of Applied Science degree program.

## Program Learning Outcomes

The curriculum in RCC courses is derived from a set of identified learning outcomes that are relevant to the discipline. Program learning outcomes for automotive technology are:

- Diagnose and repair all major vehicle systems.
- Document repairs of vehicles accurately and descriptive of concern, cause and correction.
- Effectively locate and utilize technical information required for vehicle repairs.
- Work safely and responsibly within all shop standards and environmental guidelines.
- Successfully pass at least two Automotive Service Excellence (ASE) technical skill assessments.
- Function collaboratively as a member of a team to achieve specified and measurable results.
- Demonstrate comprehensive knowledge of employer expectations and ethical work practice.
- Demonstrate accuracy, proficiency and quality in task performance.
- Strategize professional growth in automotive industry.

## Entry Requirements

Students are required to complete the Placement Process to determine skill level and readiness in math, reading, and writing. As part of their training program, students must begin with the courses within their skill level as determined through the Placement Process. In addition, students may also be required to enroll in classes that would increase their employability and success.

## Advanced Standing

Coursework from accredited colleges and universities will be accepted in accordance with college policies and the Automotive Technology Department chair's approval. In order to ensure that coursework is current, program courses over five years old must be reviewed and approved by the appropriate department chair before being accepted toward core requirements. College Now credit will be accepted in accordance with current agreement. Verified Automotive Service Excellence (ASE) certification or industry experience may be substituted for some coursework in accordance with college policies and the department chair's approval.

## Graduation Requirements

Students must complete all courses in this program with a grade of "C" or better to receive their certificates. Certain required courses are graded on a pass/no pass basis only. A grade of "P" for these courses indicates a student earned the equivalent of a "C" or better grade.

## Prerequisites

Course No.	Course Title	Credits
MTH20	Pre-algebra or designated placement test score	0-4
WR115	Introduction to Expository Writing or designated placement test score	0-3
<b>Total Prerequisite Credits</b>		<b>0-7</b>

## General Education Requirements

Course No.	Course Title	Credits
BT101	Human Relations in Organizations or PSY101 Psychology of Human Relations	3
CS/CIS	Approved 3-4 credit Computer Science or Computer Information Science class, CS120/CIS120 or above, or documented computer proficiency within the past ten years.	0-4
MTH63	Applied Algebra I or MTH60 Fundamentals of Algebra I or higher level math	4
HE112	Emergency First Aid	1
WR121	English Composition I	4
<b>Total General Education Requirements</b>		<b>12-16</b>



## Technical Requirements

Course No.	Course Title	Credits
<b>First Term</b>		
AM120	Automotive Maintenance and Trades Practices	6
AM122	Gasoline Engines Rebuild	7
		13
<b>Second Term</b>		
AM111	Electricity for Automotive Technicians	7
AM131	Engine Dynamics and Diagnosis	7
		14
<b>Third Term</b>		
AM141	Manual Transmissions and Axles	6
AM151	Automotive Brake Systems	6
		12
<b>Fourth Term (Summer)</b>		
AM190	Automotive Repair Lab I	4
		4
<b>Total Technical Credits</b>		<b>43</b>
<b>TOTAL PROGRAM CREDITS</b>		<b>55-59</b>

For more information contact the Automotive Technology Department:

Grants Pass or Medford.....	541-956-7140
Toll free in Oregon.....	.800-411-6508, Ext. 7140
email.....	automotivetech@roguecc.edu
Web address.....	www.roguecc.edu/automotive
TTY.....	Oregon Telecom Relay Service, 711

This advising guide is for advising purposes only. Please see current college catalog for additional information on specific college policies and graduation requirements.

RCC is an open institution and does not discriminate. For RCC's non-discrimination policy and a full list of regulatory specific contact persons visit the following webpage: [www.roguecc.edu/nondiscrimination](http://www.roguecc.edu/nondiscrimination).

