



[AAS-AUT; CIP Code 470604]

### Associate in Applied Science (A.A.S.) – Career

The goal of this program is to provide graduates with theory and practice through classroom study and internships, to qualify for immediate employment in the automotive industry or to transfer to a four-year automotive management program.

#### Program Learning Outcomes

Students who have completed the program will be able to:

- Safely and competently work in an automotive repair facility
- Understand all eight ASE areas of automotive technology regardless of manufacturer. These systems include but are not limited to: electrical, brakes, steering, power-train controls and automatic transmissions
- Diagnose and fix all major automotive systems
- Demonstrate social skills and a high level of professionalism

#### Special Program Admission Information

Students must be accepted into the program prior to registering for any AUT courses. Please contact the Office of Admissions for an Admission Packet.

#### Program Contacts

Matthew Maggioncalda, Instructor,  
Automotive Technology Program  
[mmaggion@rcsj.edu](mailto:mmaggion@rcsj.edu)

Edward Blaetz, Instructor, Automotive  
Technology Program  
[eblaetz@rcsj.edu](mailto:eblaetz@rcsj.edu)

Are you ready to get  
started at RCSJ?

Visit [RCSJ.edu/Enroll](https://www.rcsj.edu/enroll)  
and complete the  
interest form.

# Automotive Technology, A.A.S.

#### FIRST YEAR – First Semester

☐ AUT 101 Auto Service Fundamentals	2
☐ AUT 107 Automotive Electrical Systems	5
☐ ENG 101 English Composition I	3
☐ MAT 100 Foundations of Mathematics I	3
☐ CEP 200 Cooperative Education Work Experience <sup>1</sup>	1
	<hr/> 14

#### Second Semester

☐ AUT 105 Brakes and Hydraulics Controls	3
☐ AUT 103 Front End Suspension	3
☐ HIS 204 First 100 Years of the American Auto	3
☐ PHY 101 Principles of Physical Science	4
☐ ART 101 Art Appreciation	3
	<hr/> 16

#### Third Semester

☐ AUT 110 Engine Repair	4
☐ AUT 111 Heating, Ventilation and Air Conditioning	3
☐ CIS 102 Introduction to Computers	4
☐ AUT 135 Manual Transmissions	3
☐ CEP 203 Cooperative Education Work Experience <sup>1</sup>	1
	<hr/> 15

#### SECOND YEAR – Fourth Semester

☐ CEP 204 Cooperative Education Work Experience <sup>1</sup>	1
☐ AUT 139 Automatic Transmission Systems	3
☐ AUT 123 Automotive Electronics	4
☐ ENG 102 English Composition II	3
☐ PSY 101 General Psychology	3
☐ CEP 208 Cooperative Education Work Experience <sup>1</sup>	1
	<hr/> 15

**TOTAL CREDITS: 60**

#### Program Notes

The Automotive Technology Educational Training Program, is a cooperative agreement between the College and the Gloucester County Institute of Technology. Automotive Technology is a full-time, two-year curriculum composed of five, 20-week semesters. Alternating 10-week sessions of classroom instruction and paid dealership internships provide theory and practice that is necessary for a career in the automotive industry. Visit [gloucesterasset.com](https://gloucesterasset.com) for program and Internship Career Connections information and [pct.edu](https://pct.edu) for transfer information.

<sup>1</sup> A 10-week internship with a dealership is required as a prerequisite to the subsequent semester.

Automotive Technology is a selective admission program with a customized admission schedule which accommodates alternating 10-week semesters and Internship Career Connections.