



Automotive Technology, A.A.S.

[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
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Are you ready to get
started at RCSJ?
Visit [RCSJ.edu/Enroll](https://www.rcsj.edu/enroll)
and complete the
interest form.

FIRST YEAR – First Semester

| | |
|---|----------|
| <input type="checkbox"/> AUT 101 Auto Service Fundamentals | 2 |
| <input type="checkbox"/> AUT 107 Automotive Electrical Systems | 5 |
| <input type="checkbox"/> ENG 101 English Composition I | 3 |
| <input type="checkbox"/> MAT 100 Foundations of Mathematics I | 3 |
| <input type="checkbox"/> CEP 200 Cooperative Education Work Experience ¹ | 1 |
| | <hr/> 14 |

Second Semester

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

Third Semester

| | |
|---|----------|
| <input type="checkbox"/> AUT 110 Engine Repair | 4 |
| <input type="checkbox"/> AUT 111 Heating, Ventilation and Air Conditioning | 3 |
| <input type="checkbox"/> CIS 102 Introduction to Computers | 4 |
| <input type="checkbox"/> AUT 135 Manual Transmissions | 3 |
| <input type="checkbox"/> CEP 203 Cooperative Education Work Experience ¹ | 1 |
| | <hr/> 15 |

SECOND YEAR – Fourth Semester

| | |
|---|----------|
| <input type="checkbox"/> CEP 204 Cooperative Education Work Experience ¹ | 1 |
| <input type="checkbox"/> AUT 139 Automatic Transmission Systems | 3 |
| <input type="checkbox"/> AUT 123 Automotive Electronics | 4 |
| <input type="checkbox"/> ENG 102 English Composition II | 3 |
| <input type="checkbox"/> PSY 101 General Psychology | 3 |
| <input type="checkbox"/> CEP 208 Cooperative Education Work Experience ¹ | 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://www.gloucesterasset.com) for program and Internship Career Connections information and [pct.edu](https://www.pct.edu) for transfer information.

¹ 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.