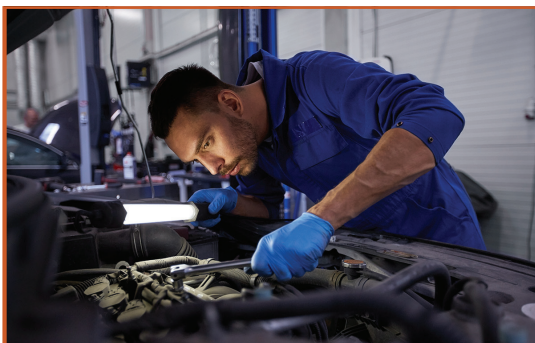




[AUTOAAS; CIP Code 47.0604]

### *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 should 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

#### Program Contact

Rachel Blaetz, Program Director  
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## *Automotive Technology, A.A.S.*

#### FIRST YEAR – Fall Semester

|                                                                                        |             |
|----------------------------------------------------------------------------------------|-------------|
| ❑ AUTO 101 Auto Service Fundamentals                                                   | 2           |
| ❑ AUTO 107 Automotive Electrical Systems                                               | 5           |
| ❑ ENGL 101 English Composition I <b>or</b><br>ENGL 101E Enhanced English Composition I | 3–4         |
| ❑ MATH 100 Foundations of Mathematics I                                                | 3           |
| ❑ ISCC 200 Cooperative Education Work Experience <sup>1</sup>                          | 1           |
|                                                                                        | <hr/> 14–15 |

#### Spring Semester

|                                                           |          |
|-----------------------------------------------------------|----------|
| ❑ AUTO 105 Brakes and Hydraulic Controls                  | 3        |
| ❑ AUTO 103 Front End Suspension                           | 3        |
| ❑ HIST 204 The First 100 Years of the American Automobile | 3        |
| ❑ PHYS 101 Principles of Physical Science                 | 4        |
| ❑ ARTS 101 Art Appreciation                               | 3        |
|                                                           | <hr/> 16 |

#### SECOND YEAR – Fall Semester

|                                                                  |          |
|------------------------------------------------------------------|----------|
| ❑ AUTO 110 Engine Repair and Engine Management                   | 4        |
| ❑ AUTO 111 Heating, Ventilation and Air Conditioning             | 3        |
| ❑ CISM 101 Introduction to Computers                             | 4        |
| ❑ AUTO 135 Manual Transmissions                                  | 3        |
| ❑ ISCC 203 Cooperative Education Work Experience II <sup>1</sup> | 1        |
|                                                                  | <hr/> 15 |

#### Spring Semester

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| ❑ ISCC 204 Cooperative Education Work Experience III <sup>1</sup> | 1        |
| ❑ AUTO 139 Automatic Transmission Systems                         | 3        |
| ❑ AUTO 123 Automotive Electronics                                 | 4        |
| ❑ ENGL 102 English Composition II                                 | 3        |
| ❑ PSYC 101 General Psychology                                     | 3        |
| ❑ ISCC 208 Cooperative Education Work Experience IV <sup>1</sup>  | 1        |
|                                                                   | <hr/> 15 |

**TOTAL MINIMUM 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 four, 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.

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

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