

Automotive Technology AAS Degree Courses

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|-------------------------|------------------------------------|
| Award | Associate of Applied Science (AAS) |
| Credits | 76 |
| Program Start | Fall |
| Time to Complete | 2 years |

2023–2024 Suggested Sequence of Study



The following suggested sequence of study is for new full-time students starting the program Fall 2023. Part-time students should visit with a program advisor for a modified sequence of study.



When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.



Courses are subject to change.

- ◆ General education course.
- ▣ Non-transfer general education course.
- ▶ Course has a prerequisite and/or corequisite.
- Course meets 100% online.
- E Course meets face-to-face after 5:00pm.
- 4WK1** Course meets the first 4 weeks of the term.
- 4WK2** Course meets the second 4 weeks of the term.
- 4WK3** Course meets the third 4 weeks of the term.
- 4WK4** Course meets the fourth 4 weeks of the term.

Term 1

| | | | |
|----------------------|--|------|-----------|
| AUT-106 | Introduction to Automotive Technology | 4WK1 | 2 |
| AUT-109 | Introduction to Automotive Technology II | 4WK1 | 2 |
| AUT-643 | Auto Starting, Charging, and Electrical | 4WK2 | 4 |
| AUT-504 | Automotive Brake Systems | 4WK3 | 4 |
| AUT-537 | Automotive Advanced Brake Systems | 4WK4 | 4 |
| MAT-772 | Applied Math -OR- Math Elective | | 3 3 |
| Total Credits | | | 19 |

Term 2

| | | | |
|----------------------|--|------|-----------|
| AUT-404 | Automotive Suspension and Steering | 4WK1 | 4 |
| AUT-307 | Automotive Manual Transmissions and Transaxles | 4WK2 | 4 |
| AUT-842 | Automotive Computerized Engine Controls | 4WK3 | 4 |
| AUT-704 | Automotive Heating and Air Conditioning | 4WK4 | 4 |
| PSY-102 | Human and Work Relations -OR- | O E | 3 ◆ |
| PSY-111 | Introduction to Psychology -OR- | O E | 3 ◆ |
| SOC-110 | Introduction to Sociology | O | 3 ◆ |
| Total Credits | | | 19 |

Term 3

| | | | |
|----------------------|--|------|-----------|
| AUT-164 | Automotive Engine Repair | 4WK1 | 4 |
| AUT-631 | Automotive Electronics | 4WK2 | 4 |
| AUT-610 | Automotive Electrical I | 4WK3 | 4 |
| AUT-204 | Automotive Automatic Transmissions and Transaxles | 4WK4 | 4 |
| COM-781 | Written Communication in the Workplace ► -OR- | O E | 3 ◆ |
| ENG-105 | Composition I ► | O E | 3 ◆ |
| Total Credits | | | 19 |

Term 4

| | | |
|--|------|-----------|
| AUT-886 Comprehensive Application ▶ | 4WK1 | 4 |
| AUT-834 Automotive Fuel Systems | 4WK2 | 4 |
| AUT-827 Automotive Ignition Systems ▶ | 4WK3 | 4 |
| AUT-315 Automotive Differentials and 4-Wheel Drive | 4WK4 | 4 |
| SPC-101 Fundamentals of Oral Communication | | 3 |
| Total Credits | | 19 |

Math Electives

| | | |
|--|--|---|
| MAT-110 Math for Liberal Arts ▶ | | 3 |
| MAT-121 College Algebra ▶ | | 4 |
| MAT-128 Precalculus ▶ | | 4 |
| MAT-134 Trigonometry and Analytic Geometry ▶ | | 3 |
| MAT-156 Statistics ▶ | | 3 |
| MAT-210 Calculus I ▶ | | 4 |
| MAT-216 Calculus II ▶ | | 4 |
| MAT-219 Calculus III ▶ | | 4 |