

# Automotive Technology

## Associate of Applied Science Degree

AT23

### Curriculum

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<b>General Education Core</b>	<b>15</b>
<b>Area I: Language Arts/Communication</b>	3
ENGL 1101 Composition and Rhetoric (3)	
<b>Area II: Social/Behavioral Sciences</b> <i>(Choose ONE course)</i>	3
ECON 1101 Principles of Economics (3)	
ECON 2105 Principles of Macroeconomics (3)	
ECON 2106 Principles of Microeconomics (3)	
HIST 1111 World History I (3)	
HIST 1112 World History II (3)	
HIST 2111 American History I (3)	
HIST 2112 American History II (3)	
POLS 1101 American Government (3)	
PSYC 1101 Introduction to Psychology (3)	
SOC 1101 Introduction to Sociology (3)	
<b>Area III: Natural Sciences / Mathematics</b> <i>(Choose ONE course)</i>	3
MATH 1101 Mathematical Modeling (3)	
MATH 1103 Quantitative Skill and Reasoning (3)	
MATH 1111 College Algebra (3)	
<b>Area IV: Humanities/Fine Arts</b> <i>(Choose ONE course)</i>	3
ARTS 1101 Art Appreciation (3)	
ENGL 2130 American Literature (3)	
HUMN 1101 Introduction to Humanities (3)	
MUSC 1101 Music Appreciation (3)	
RELG 1101 Introduction to World Religions (3)	
<b>Elective: General Education</b> <i>(Choose ONE course)</i>	3
*Any course listed in Area I, II, III, or IV above OR	
ENGL 1102 Literature and Composition (3)	
SPCH 1101 Public Speaking (3)	
BIOL 1111 Biology I (3) + BIOL 1111L Biology I Lab (1)	
BIOL 1112 Biology II (3) + BIOL 1112L Biology II Lab (1)	
CHEM 1211 Chemistry I (3) + CHEM 1211L Chemistry I Lab (1)	
CHEM 1212 Chemistry II (3) + CHEM 1212L Chemistry II Lab (1)	
MATH 1113 Precalculus (3)	
MATH 1127 Introduction to Statistics (3)	
MATH 1131 Calculus I (4)	
MATH 1132 Calculus II (4)	
PHYS 1110 Conceptual Physics (3) + PHYS 1110L Conceptual Physics Lab (1)	
PHYS 1111 Introductory Physics I (3) + PHYS 1111L Introductory Physics I Lab (1)	
PHYS 1112 Introductory Physics II (3) + PHYS 1112L Introductory Physics II Lab (1)	

**Occupational Courses**

**47**

**Required Courses:**

- COMP 1000 Introduction to Computer Literacy (3)
- AUTT 1010 Automotive Technology Introduction (2)
- AUTT 1020 Automotive Electrical Systems (7)
- AUTT 1030 Automotive Brake Systems (4)
- AUTT 1040 Automotive Engine Performance (7)
- AUTT 1050 Automotive Suspension and Steering Systems (4)
- AUTT 1060 Automotive Climate Control Systems (5)
- AUTT 2010 Automotive Engine Repair (6)
- AUTT 2020 Automotive Manual Drive Train and Axles (4)
- AUTT 2030 Automotive Automatic Transmissions and Transaxles (5)

**Total Credit Hour (minimum):**

**62**