

AUTOMOTIVE TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

Explore More About This Program: <https://cwi.edu/program/automotive-technology>

Plan of Study Guide

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this Plan of Study Guide. Please register for each semester as shown using the Student Planning tool in myCWI. Consult your Student Success Advisor for any questions regarding this course sequence plan.

NOTE

Automotive Technology (AUTO) majors are required to complete five general education courses in order to receive an Associate of Applied Science degree. Prior to beginning their AUTO courses, students are strongly encouraged to complete CWI 101 Connecting With Ideas and ENGL 101 Writing and Rhetoric I. While it is recommended that students complete all five of their required general education courses during the spring and/or summer semester(s) prior to beginning the program, students may elect to take the additional required GEM courses during the summer semester between their first and second year in the program if preferred. Students may also complete GEM courses during regular semesters while enrolled in AUTO courses, if they feel capable of doing so, and can complete them in any order they prefer. **Students should note that the completion of a GEM 1 (or GEM 2), GEM 3, and GEM 6 course are required prior to beginning their final semester of the program.**

First Year

Summer		Credit Hours
CWI 101	Connecting With Ideas (Recommended GE Elective) ¹	3
ENGL 101	Writing and Rhetoric I (Recommended GEM 1) ¹	3
Total Semester Credit Hours		6

Fall

AUTO 112	Automotive Foundations and Safety	3
AUTO 115	Automotive Maintenance	3
AUTO 121	Automotive Electrical Systems I	3
AUTO 141	Engine Repair	3
MATH 118 & 118L	Technical Math and Technical Math Lab (Recommended GEM 3) ¹	3
Total Semester Credit Hours		15

Spring

AUTO 125	Automotive Electrical Systems II	3
AUTO 131	Brakes	3
AUTO 135	Suspension and Steering	3
AUTO 145	Manual Drivetrain and Axles	3
COMM 101	Fundamentals of Oral Communication (Recommended GEM 2) ¹	3
Total Semester Credit Hours		15

Second Year

Fall

AUTO 250	Engine Management Systems I	3
AUTO 255	Engine Management Systems II	3
AUTO 260	Automatic Transmission/Transaxle	3
AUTO 265	Heating and Air Conditioning	3
PSYC 140	Human Relations for Career and Personal Success (Recommended GEM 6) ¹	3
Total Semester Credit Hours		15

Spring

AUTO 267	Light-Duty Diesel Technology	4
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AUTO 269	Hybrid and Advanced Electronic Diagnosis	4
AUTO 290	Automotive Technology Capstone	4
Total Semester Credit Hours		12
Minimum Credit Hours Required		63

- ¹ The general education (GE) courses listed above are recommended by the department as the most beneficial GE options for students in this program. **Please note that students may fulfill their GE requirements by completing another course from within the applicable general education category.**
- ² Students in this program must complete a 3-credit Oral Communication course in order to fulfill their GEM 2 requirement.