

AUTOMOTIVE TECHNOLOGY

Certificate of Achievement Automotive Technology

30 Credits

The Certificate of Achievement is awarded to students who successfully complete the first two semesters of Leeward CC's Automotive Technology (AMT) program. Students earning this certificate have demonstrated the knowledge and skills required to enter the automotive industry with the goal of becoming an automotive technician.

First Semester Requirements

Course Alpha	Course Title	Credits
AMT 20	Introduction to Automotive Mechanics	2
AMT 40	Electrical/Electronic Systems I	6
AMT 53	Brakes	4
MATH 100	Survey of Math (or equivalent or higher)	3
	Total Semester Credits	15

Second Semester Requirements

Course Alpha	Course Title	Credits
AMT 30	Engines	7
AMT 55	Suspension and Steering	5
ENG 22	Introduction to Composition (or equivalent or higher)	3
	Total Semester Credits	15
	Total Credits	30

Certificate of Achievement in Automotive Technology Program Learning Outcomes

Upon completion of the program, students will be able to:

Demonstrate the professional skills and knowledge required in the automotive industry.

Apply safety procedures required in shop practices.

Apply the principles necessary for the practical applications within the automotive industry.

Program employment data:

<http://www.leeward.hawaii.edu/auto-ge-info>

Certificate of Competence Automotive Technology

15 Credits

The Certificate of Competence is awarded to students who successfully complete the first semester of Leeward CC's Automotive Technology (AMT) program. Students earning this certificate will be able to obtain an entry-level position in the automotive repair industry.

Requirements

Course Alpha	Course Title	Credits
AMT 20	Introduction to Automotive Mechanics	2
AMT 40	Electrical/Electronic Systems I	6
AMT 53	Brakes	4
MATH 100	Survey of Math (or equivalent or higher)	3
	Total Credits	15

Certificate of Competence in Automotive Technology Program Learning Outcomes

Demonstrate the professional skills and knowledge required in the automotive industry.

Apply safety procedures required in shop practices.

Apply the principles necessary for the practical applications within the automotive industry.