Automotive Technology (AAS) (73 credits)

Degree Type
Associate in Applied Science

Requirements for Associate in Applied Science (AAS) Degree in Automotive Technology (73 credits)

Note: All AMT students are required to take AMT 100 in their first semester at UH Maui College unless they have earned the 2+2 credit or have been waived by the program coordinator.

Course #	Title	Credits
AMT 100	Introduction to Automotive Technology	2
AMT 129	Engines Repair	7
AMT 141	Electrical/Electronics Systems I	5
AMT 144	Heating and Air Conditioning	4
AMT 145	Manual Drive Trains and Axles	4
AMT 149	Automatic Transmissions and Transaxles	4
AMT 152	Brake Systems	4
AMT 154	Suspension and Steering Systems	4
AMT 241	Electrical/Electronics Systems II	4
AMT 250	Engine Performance	6
AMT 262	Advanced Diagnostic and Repair	8
	COM 145 or ENG 209 or ENG 200 or BUS/COM 130	3
	ENG 100 or ENG 106	3
	Humanities Elective	3
PHYS 101	Technical Automotive Physics	3
QM 107C	Quantitative Methods in Automotive Technology	3
	Social Science Elective	3
WELD 119C	Welding for Automotive Applications	3

Course Sequencing

Full-time students would take courses in this sequence:

First Semester (Fall) (18 credits)

Course #	Title	Credits
AMT 100	Introduction to Automotive Technology	2
AMT 141	Electrical/Electronics Systems I	5
AMT 152	Brake Systems	4
AMT 154	Suspension and Steering Systems	4
QM 107C	Quantitative Methods in Automotive Technology	3

Second Semester (Spring) (18 credits)

Course #	Title	Credits
AMT 145	Manual Drive Trains and Axles	4
AMT 149	Automatic Transmissions and Transaxles	4
AMT 241	Electrical/Electronics Systems II	4
PHYS 101	Technical Automotive Physics	3
	ENG 100 or ENG 106	3

Third Semester (Fall) (19 credits)

Course #	Title	Credits
AMT 129	Engines Repair	7
AMT 250	Engine Performance	6
	COM 145 or ENG 209 or ENG 200 or BUS/COM 130	3
	Humanities Elective	3

Fourth Semester (Spring) (18 credits)

Course #	Title	Credits
AMT 144	Heating and Air Conditioning	4
AMT 262	Advanced Diagnostic and Repair	8
WELD 119C	Welding for Automotive Applications	3
	Social Science Elective	3