

AUTOMOTIVE SERVICE TECHNOLOGY AAS – 20601

Course	Requirement Field	Credits	Notes
Fall - 1st Semester			
AUT 105 Automotive Electrical Fundamentals	Curriculum Requirement	2	Fall only
AUT 107 Automotive Electrical Systems and Equipment	Curriculum Requirement	2	Fall only
AUT 110 Fuel & Emissions	Curriculum Requirement	3	Fall only
AUT 180 Auto Service Tech OR AUT 101 Intro Auto Technology	Curriculum Requirement	2 to 4	AUT 180 Fall and Spring AUT 101 Fall
AUT 132 Automotive Brake Systems	Curriculum Requirement	2	Fall only
AUT 120 Manual Transmission and Drive Train	Curriculum Requirement	3	AUT 120 taught in fall on even years and AUT 230 is taught in fall of odd years
Total Hours		14-16	

Course	Requirement Field	Credits	Notes
Spring - 2nd Semester			
AUT 131 Steering and Suspension Systems	Curriculum Requirement	3	Spring only, 1st 8 weeks
AUT 106 Internal Combustion Engines	Curriculum Requirement	4	Spring only
AUT 220 Automotive Electronics and Computerized Vehicle Controls	Curriculum Requirement	2	AUT 220 is taught spring of odd years & AUT 260 is taught spring of even years.
AUT 266 Vehicle Heating and Air Conditioning	Curriculum Requirement	3	Spring only
WLD 101 Welding	Curriculum Related	3	Spring/Fall offered
General Education class	GE	3	Choose from list of GE classes
Total Hours		18	

Course	Requirement Field	Credits	Notes
Fall - 3rd Semester			
AUT 230 Automatic Transmissions	Curriculum Requirement	4	AUT 230 is taught Fall of odd years and AUT 120 is taught Fall of even years
Choose from Curriculum Related list BUS 111 Business Mathematical Calculations	Curriculum Related GE	3	3 to 5
OR MAT 100 Applied Mathematics or higher General Education class	GE	6	Choose from list of GE classes
Total Hours		16-18	

Course	Requirement Field	Credits	Notes
Spring- 4th Semester			
AUT 260 Vehicle Performance and Diagnosis	Curriculum Requirement	3	AUT 220 is taught spring odd years & AUT 260 is taught spring of even years.
AUT 280 Advanced Shop	Curriculum Requirement	4	Spring only
WLD 260 Flux Cored Arc and Gas Metal Arc Welding	Curriculum Related	3	WLD 260 prerequisite: WLD 101 or WLD 108 or instructor approval
General Education	GE	4 to 6	Choose from list of GE classes
Total Hours		14-16	

Total Credits	64
Total Curriculum Requirements	36-39
Total Curriculum Related	7-10
Total General Education	18
Total Elective	0

Notes: The foregoing is a recommended, or suggested, sequence of courses. If a student enters the program in the spring, or transfers credit in, the above would have to be modified.

All courses must be completed with a grade of "C" or better. Be sure to check the catalog for other changes and requirements.

Curriculum Related

AMT 101	Fundamentals of Machining	2 credits
AMT 104	Machining and Fabrication	3 credits
AMT 110	Introduction to Fab Lab Technology	2 credits
AUT 150	Automotive Painting and Refinishing	3 credits
AUT 297	Workshop <u>OR</u>	
AUT 299	Independent Study	1 to 3 credits
COE 101	Job Seeking Strategies	2 credits
COE 111	Cooperative Education I (Occupational)	1 to 4 credits
SBM 110	Introduction to Entrepreneurship	3 credits
SBM 231	Business Planning	1 credit
TEC 112	Basic Hydraulics and Pneumatics	2 credits
WLD 101	Welding	3 credits
WLD 108	Welding and Metal Fabrication	3 credits
WLD 201	Repair Welding and Fabrication	3 credits
WLD 260	Flux Cored Arc and Gas Metal Arc Welding	3 credits
WLD 270	Technical Welding	3 credits