

Automotive Manufacturing Technology Short-Term Certificate

Advisors - Ayers Campus: Keith Tolbert, Electronics Building (256.835.5460) ktolbert@gadsdenstate.edu

East Broad Campus: Jack Mayfield, Industrial Automation Building (256.549.8637) jmayfield@gadsdenstate.edu

NOTICE(s): For the short-term certificate in Automotive Manufacturing Technology, the student must complete 28 credit hours from the courses listed below. All courses must be approved by the advisor. Admission Requirement: High school diploma or GED.

The courses in this program of study may not be offered every semester. It is important to consult with your advisor to determine course schedules to stay on track to graduate.

Technical Courses

Students must choose 28 credits from the following list.

Item #	Title	Hours
AUT 100	Introduction to Automotive Concepts	3
AUT 102	Lean Manufacturing and Industrial Safety	3
AUT 104	Blueprint Reading for Manufacturing	3
AUT 110	DC Fundamentals	3
AUT 111	AC Fundamentals	3
AUT 114	Introduction to Programmable Logic Controllers	3
AUT 121	Elements of Industrial Control	3
AUT 122	Elements of Industrial Control Lab	2
AUT 130	Fundamentals of Industrial Hydraulics and Pneumatics	3
AUT 138	Principles of Industrial Mechanics	3
AUT 139	Introduction to Robotic Programming	3
AUT 150	Introduction to Machine Shop I	3
AUT 234	Industrial Motor Controls I	3
ELT 110	Wiring Methods	3
ORI 101	Orientation to College	1
	Sub-Total Credits	42
	Total Credits	28