

# Automotive Manufacturing Technology Short-Term Certificate

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

**Program:** Automotive Manufacturing Technology  
**Type:** Short-Term Certificate

## Technical Courses

Students must choose 28 credits from the following list.

Item #	Title	Credits
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
	<b>Total credits:</b>	<b>28</b>