

Automotive Manufacturing Technology

Associate in Applied Science Degree (AAS)

At a Glance

Students are trained to be qualified for jobs as multi-craft technicians, to meet the needs of area industry in industrial automation and troubleshooting, including hydraulics and pneumatics, programmable logic controllers, robotics, and sensor technology, which help keep Alabama's industry competitive in the world market and provide students with highly paid and dependable jobs.

Students should consult with an advisor or the faculty teaching in their discipline with regard to the suggested sequence for scheduling of courses.

General Education & Elective Courses		CREDITS
CIS 146	Microcomputer Applications	3
ENG 101	English Composition I	3
Humanities and Fine Arts Elective*		3
MTH 100	Intermediate College Algebra	3
Natural Science/Mathematics Elective**		3
PSY 200	General Psychology	3
SPH 106	Fundamentals of Oral Communication	3
Total General Education & Elective Credit Hours		21

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Technology Major Courses		CREDITS
AUT 114	Introduction to Programmable Logic Controllers (ILT 194, INT 184)	3
AUT 116	Introduction to Robotics	3
AUT 130	Industrial Hydraulics and Pneumatics (ILT 169).....	3
AUT 212	Robot Operation and Programming	3
AUT 219	PLC Applications.....	3
AUT 232	Sensors Technology and Applications (ILT 165).....	3
AUT 251	Introduction to VFD and Servo Control	

Automation Technology Certification