

# Automobile Servicing (AUS.AAS)

## Associate in Applied Science

### Engineering/Manufacturing and Industrial Technology

Auburn Hills Campus

The Automotive Service Technician associate in applied science degree is designed to prepare students for entry-level servicing operations in the automotive field. This program consists of ten specialized courses designed in accordance with the mandatory Auto Mechanic Certification tests required for state licensure. Completion of the program should prepare the student to become certified by the state of Michigan in up to eight areas of specialization. A large portion of class time will be spent in the laboratory allowing the student to gain work experience in an automobile servicing situation.

Students involved in this program are expected to provide their own eye and ear protection, as well as appropriate work uniforms. Students will perform all service operations in a safe and proper manner, developing appropriate work habits, and employability skills.

### Program Plan Example - Not Available

Code	Title	Credit Hours
<b>Major Requirements</b>		
AUT 1000	Automotive Fundamentals	3
AUT 1100	Automotive Brake Systems Service	4
AUT 1200	Front Suspension & Steering Service	4
AUT 1300	Automotive Electrical Systems Servicing	4
AUT 1350	Automotive Advanced Electrical and Electronics	4
AUT 1400	Engine Support Systems Servicing	4
AUT 1500	Automotive Tune-Up & Emissions Service	4
AUT 1600	Automotive Transmission Servicing	4
AUT 1700	Manual Transmission and Axle Service	4
AUT 1800	Automotive Air Conditioning & Heating Service	4
<b>Required Supportive Courses</b>		
AUT 2000	Cooperative Internship	3
MCT 1100	Fluid Power Systems	3
WEL 1000	Introduction to Welding: Theory and Practice I	3
WEL 1050	Defects and Discontinuities in Welding	3
<b>Total Credit Hours for Program-Related Courses</b>		51
<b>General Education Requirements</b>		
Communication / English (3-credits)		3
Complete 3 credits from Communication/English courses listed in the General Education Distribution List ( <a href="http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#communication-english">http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#communication-english</a> )		
Fine Arts / Humanities (3-credits)		3
Complete 3 credits from Fine Arts/Humanities courses listed in the General Education Distribution List ( <a href="http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#fine-arts-humanities">http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#fine-arts-humanities</a> )		

Mathematics / Science (3-credits)	3
Complete 3 credits from Mathematics/Science courses listed in the General Education Distribution List ( <a href="http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#mathematics-science">http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#mathematics-science</a> )	
Social Science (3-credits)	3
Complete 3 credits from Social Science courses listed in the General Education Distribution List ( <a href="http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#social-science">http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#social-science</a> )	
Written Communication (3-credits)	3
Complete 3 credits from Written Communication courses listed in the General Education Distribution List ( <a href="http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#written-communication">http://catalog.oaklandcc.edu/graduation-requirements/general-education-distribution/#written-communication</a> )	
<b>Additional elective credits needed to meet requirements for an Associate in Applied Science degree</b>	0
<b>Total Credit Hours</b>	<b>66</b>

A minimum cumulative 2.00 grade point average (GPA) overall is required for graduation.