

Automotive Service Technology AAS Degree

Total Number of Credits: 64

Program Description: This program prepares a person to perform automotive repairs in the following areas: computer systems, fuel injection, engine performance maintenance, air conditioning, electrical systems, and automatic transmissions. This person will also be prepared to take the ASE Certification Tests in the following areas: engine performance, air conditioning, electrical systems, and automatic transmission/transaxle. Students are also introduced to business concepts and have general education requirements that will help ensure individuals have the necessary oral, written and critical thinking skills to help them with their professional and management responsibilities.

Application Requirements: Completion of Auto Service Technician diploma

Core Requirements: 12 credits

Acct 1010	Introduction to Accounting	3
BMgt 1020	Introduction to Business	3
CApl 1010	Introduction of Software Applications	3
Select one of the following courses:		
BMgt 2035	Human Relations in Business	3
Mktg 2050	Principles of Marketing	3

Career/Occupational Requirements: 30 credits

AST 2000	Automotive Service	2
AST 2010	Automatic Transmissions	4
AST 2020	Electrical Principles	3
AST 2030	Body Electrical Systems	2
AST 2040	Starting and Charging Systems	4
AST 2050	Computerized Engine Control	3
AST 2060	Electronic Fuel Injection	2
AST 2070	Engine Performance Maintenance	4
AST 2080	Supplemental Computer Systems	3
AST 2090	Air Conditioning	3

General Education/MnTC Requirements: 20 credits

Four MnTC credits beyond the minimums are needed to reach 20 credits.

See MnTC course list for options.

Goal 1 -- Communication: 7 credits

Engl 1021	Composition I	4
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Select one of the following Spch courses:

Spch 1021	Fundamentals of Public Speaking	3
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Spch 1031	Interpersonal Communication	3
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Spch 1041	Small Group Communication	3
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Spch 1051	Intercultural Communication	3
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Goal 2 -- Critical Thinking is automatically fulfilled when all other MnTC goals are complete

Goal 3 and/or Goal 4 - Sciences/Math/Logical Reasoning: 3 credits

Phys 1021	Physics Concepts I -- recommended
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Goal 5 - History/Social and Behavioral Sciences: 3 credits

Psyc 1020	General Psychology -- recommended
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Goal 6 - Humanities and Fine Arts: 3 credits

Goals 7-10: Three credits in one of these four goals (Fulfilled by speech course)

Additional Requirements: Sufficient credits to total 64