

AUTOMOTIVE TECHNOLOGY: AAS

Full-Time Academic Plan

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully

complete a civics examination. Information on who is eligible for a waiver can be found on the STLCC website (<https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>).

PLEASE NOTE: If you originally enrolled at STLCC prior to Spring 2024, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
AUT 101	Automotive Fundamentals and Service Information	3	Reading Proficiency	
AUT 103	Automotive Vehicle Inspection and Light Maintenance	3	Concurrent or prior enrollment in AUT 101 with a minimum grade of "C" and Reading Proficiency	
AUT 105	Automotive Maintenance and Service	3	Concurrent or prior enrollment in AUT 101 and AUT 103 with minimum grades of "C", and Reading Proficiency	
AUT 107	Automotive Steering and Suspension Service	3	Concurrent or prior enrollment in AUT 101, AUT 103, AUT 105 with minimum grades of "C", and Reading Proficiency	Apply for Automotive Vehicle Inspection and Light Maintenance, Certificate of Specialization.
ENG 101	College Composition I (MOTR ENGL 100)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	
	Credit Hours	15		
Spring				
AUT 110	Automotive Electrical Principles	3	Concurrent or prior enrollment in AUT 101 with a minimum grade of "C" and Reading Proficiency	
AUT 112	Automotive Brake Systems Service and Diagnosis	3	Concurrent or prior enrollment in AUT 101 with a minimum grade of "C" and Reading Proficiency	
AUT 114	Automotive Engine Repair and Diagnosis	3	Concurrent or prior enrollment in AUT 101 with a minimum grade of "C" and Reading Proficiency	
AUT 116	Automotive Powertrain Controls	3	Concurrent or prior enrollment in AUT 101 with a minimum grade of "C" and Reading Proficiency	Apply for Automotive Service, Certificate of Specialization.
MTH 108	Elementary Applied Mathematics (or higher)	3	Reading Proficiency	
	Credit Hours	15		
Second Year				
Fall				
AUT 200	Automotive Fieldwork Operations	5	AUT 107, AUT 110, AUT 112, AUT 114, AUT 116 with minimum grades of "C" and Reading Proficiency	Students must complete this course twice for Certificate of Proficiency and Associate in Applied Science requirements.

AUT 203	Automotive Manual Drivetrain	3	AUT 101 with a minimum grade of "C" and Reading Proficiency	
BUS 104	Introduction to Business Administration	3	Reading Proficiency	
PSI 101	Physical Science (MOTR PHYS 110)	3	MTH 108 or MTH 140S with a minimum grade of "C", or placement into MTH 140 or higher, and Reading Proficiency	
COM 101	Oral Communication I (MOTR COMM 100)	3	Concurrent enrollment in ENG 070 or Reading Proficiency	Apply for Automotive Technology, Certificate of Proficiency and Automotive Technology, Associate in Applied Science.
	Credit Hours	17		
Spring				
AUT 200	Automotive Fieldwork Operations	5	AUT 107, AUT 110, AUT 112, AUT 114, AUT 116 with minimum grades of "C" and Reading Proficiency	Students must complete this course twice for Certificate of Proficiency and Associate in Applied Science requirements.
AUT 210	Automotive Transmissions and Transaxles	3	AUT 101 with a minimum grade of "C" and Reading Proficiency	
AUT 212	Automotive Heating, Ventilation, and Air Conditioning	3	AUT 110 with a minimum grade of "C" and Reading Proficiency	
XXX xxx	Social & Behavioral Sciences: Civics Requirement (http://catalog.stlcc.edu/general-education/)	3		
	Credit Hours	14		
	Total Credit Hours	61		

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.