

AUTOMOTIVE TECHNOLOGY

Certificate(s) may have an open elective or an open Math, Communications, Arts & Humanities, Social & Behavioral Sciences, Natural and Physical Sciences that will not display on this page as an overlapping course. See Certificate Program page for complete list of certificate requirements.

Code	Title	Credit Hours
AUTO-1101	Introduction to Automotive Service Procedures ¹	3
AUTO-1400	Automotive Alignment, Steering and Suspension	3
AUTO-1450	Automotive Braking Systems	3
AUTO-1502	Automotive Electrical Fundamentals	3
Select one of the following:		3
COMM-1010	Fundamentals of Speech Communication	
COMM-101H	Honors Speech Communication	
AUTO-1050	Numerical Applications in Automotive Service	3
AUTO-1300	Automotive Engines	3
AUTO-1510	Automotive Electrical Systems	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Social and Behavioral Sciences requirement		3
AUTO-2310	Manual Transmission and Drivetrain	3
AUTO-2350	Automotive HVAC	2
AUTO-2400	Engine Performance	3
AUTO-2940	Automotive Field Experience IV	1
AUTO-XXXX	Automotive Elective	3
MATH-1190	Algebraic and Quantitative Reasoning (or Any Approved Ohio Transfer 36 Mathematics course) ²	3
Arts and Humanities/Natural Sciences Requirements		3
AUTO-2300	Automatic Transmissions	3
AUTO-2450	Automotive Electronic Engine Controls	3
AUTO-2701	Automotive Service Operations	3
AUTO-2950	Automotive Field Experience V ³	1
DEGR-xxxx	General Elective (see Elective list)	3
DEGR-xxxx	General Elective (see Elective list)	3

¹ AUTO-1101 is not required for Ford ASSET and GM ASEP students. Students in these programs may apply AUTO-1101 credits toward the general elective requirement.

² MATH-1100 Mathematical Exploration or MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet Mathematics requirements for this program.

³ ASEP Students must also complete AUTO-1940 Automotive Field Experience I, AUTO-1950 Automotive Field Experience II, AUTO-1960 Automotive Field Experience III, and AUTO-2505 Automotive Electrical Diagnosis for General Motors ASEP.

Ford ASSET Program Additional Required Courses

Code	Title	Credit Hours
AUTO-1940	Automotive Field Experience I	1
AUTO-1950	Automotive Field Experience II	1
AUTO-1960	Automotive Field Experience III	1

GM ASEP Program Additional Required Courses

Code	Title	Credit Hours
AUTO-1940	Automotive Field Experience I	1
AUTO-1950	Automotive Field Experience II	1
AUTO-1960	Automotive Field Experience III	1
AUTO-2505	Automotive Electrical Diagnosis for General Motors ASEP	3

Electives

Recommend selecting from the below courses to fulfill elective requirement. Elective requirement may be fulfilled by other courses not listed here.

Code	Title	Credit Hours
BADM-1020	Introduction to Business	3
ENG-2151	Technical Writing	3
FIN-1061	Personal Finance	3
GEN-1022	Strategies for Success	3
COMM-1000	Fundamentals of Interpersonal Communication	3

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

Related Degrees and Certificates

- Automotive Maintenance and General Service, Short-Term Certificate
- Automotive Technology, Certificate of Proficiency
- Automotive Technology, Associate of Applied Science