AUTOMOTIVE TECHNOLOGY, CERTIFICATE OF PROFICIENCY

This Certificate of Proficiency in Automotive Technology provides students with classroom and laboratory experience and prepares students for employment in the auto service industry.

Program contact: Learn more

This certificate will be automatically awarded when the certificate requirements are completed. If you do not want to receive the certificate, please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.

Learn more about how certificate credits apply to the related degree.

Program Admission Requirements

- High School Diploma/GED highly recommended, but not required.

Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

a. Read repair orders, write service recommendations, obtain pertinent vehicle information, and document all problems.
b. Work independently and professionally and as a member of an automotive team.
c. Use basic math and appropriate tools and equipment to perform maintenance and basic repair services according to industry standards in a safe manner.
d. Assist in diagnosis and perform mechanical repairs using appropriate tools and equipment according to industry standards in a safe manner.

Suggested Semester Sequence

First Semester		Credit Hours
AUTO-1101	Introduction to Automotive Service Procedures	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	
	Credit Hours	**15**

Second Semester		
AUTO-1050	Numerical Applications in Automotive Service	3
AUTO-1300	Automotive Engines	3
AUTO-1510	Automotive Electrical Systems	3
Social and Behavioral Sciences requirement		3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
	Credit Hours	**15**
	Total Credit Hours	**30**

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.