AUTOMOTIVE TECHNOLOGY, ADVANCED CERTIFICATE

College(s): KK, OH, TR

Program Code: 0130

The Advanced Certificate program in Automotive Technology provides the necessary foundation and practical experience to pursue entry-level positions in Automotive Technology that meet the changing demands of the automotive industry. Entry-level positions may be found in automotive dealerships, automotive franchises, independent service repair shops, auto part stores, or through self-employment. Students will learn the technical skills essential to employment in the field of maintenance technology, chassis, diesel, and power train, leading to employment in service, maintenance, as well as management occupations or self-employment. Students will also be able to consider transferring Industrial Engineering Technology credits to state universities.

Program Requirements

Code	Title	Hours
Required Program Core		
AUTOTEC 101	Intro To Automotive Techn	4
AUTOTEC 103	Engine Concepts	4
AUTOTEC 104	Electrical Systems & Power Accessories	4
AUTOTEC 106	Engine Performance I	5
AUTOTEC 109	Automotive Brakes	4
AUTOTEC 204	Electrical Systems II	4
AUTOTEC 207		4
AUTOTEC 209	Steering & Suspension Systems	4
AUTOTEC 210	Engine Performance II	5
AUTOTEC 212	Manual Drive Train & Axles	4
AUTOTEC 215	AutoTemperature Control Systems	4
Total Hours		**46**

Pathways
Semester-by-Semester Program Plan for Full-Time Students

This is an **example course sequence** for students interested in earning an Advanced Certificate in Automotive Technology. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn a basic certificate (BC) and an advanced certificate (AC) in Automotive Technology.

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1		Hours
AUTOTEC 101	Intro To Automotive Techn	4
AUTOTEC 103	Engine Concepts	4
AUTOTEC 104	Electrical Systems & Power Accessories	4
AUTOTEC 109	Automotive Brakes	4
AUTOTEC 209	Steering & Suspension Systems	4
	Hours	20
Semester 2		
AUTOTEC 106	Engine Performance I	5
AUTOTEC 204	Electrical Systems II	4
	Hours	9
Semester 3		
AUTOTEC 210	Engine Performance II	5
AUTOTEC 212	Manual Drive Train & Axles	4
AUTOTEC 215	AutoTemperature Control Systems	4
	Hours	13
Semester 4		
AUTOTEC 207		4
	Hours	4
	Total Hours	**46**

Choose your courses with your College Advisor.

Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (https://www.ccc.edu/departments/Pages/Career-Services.aspx).

Automotive Service Technicians and Mechanics

Job Description

Diagnose, adjust, repair, or overhaul automotive vehicles.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10th Percentile	$28,030
Median 50th Percentile	$46,304
Senior-Level 90th Percentile	$80,296

Hourly Wages

Entry-Level 10th Percentile	$13
Median 50th Percentile	$22
Senior-Level 90th Percentile	$39

Annual Job Openings

968 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	42.60%
A certificate	50.25%
Some college	5.78%
An Associate degree	1.37%
A Bachelor's degree	0.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

0.00% continue their education beyond an associate degree