

AUTOMOTIVE FUEL MANAGEMENT TECHNOLOGY, BASIC CERTIFICATE



College(s): KK, OH

Program Code: 0136

The Basic Certificate in Automotive Fuel Management Technology is designed to provide concentrated training in the area of computerized engine performance and fuel management as they relate to drivability service. It will also provide skill enhancement for working technicians in need of upgrading their knowledge and ability to work with computerized engine controls. Students completing the requirements for this certificate will qualify for entry-level positions as tune-up and performance specialists.

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 105	Fuel Management 1	4
AUTOTEC 205	Fuel Management II	4
AUTOTEC 206	Fuel Management III	4
Required Work-Based Learning Courses		
AUTOTEC 108	Work Based Learning I	3
Total Hours		27

Pathway

This is an **example course sequence** for students interested in earning a Basic Certificate (BC) in Automotive Fuel Management Technology. It does not represent a contract, nor does it guarantee course availability.

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

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
Hours		12
Semester 2		
AUTOTEC 105	Fuel Management 1	4
AUTOTEC 108	Work Based Learning I	3
Hours		7
Semester 3		
AUTOTEC 205	Fuel Management II	4
Hours		4
Semester 4		
AUTOTEC 206	Fuel Management III	4
Hours		4
Total Hours		27

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 10 th Percentile	\$28,990
Median 50 th Percentile	\$46,779
Senior-Level 90 th Percentile	\$82,268

Hourly Wages

Entry-Level 10 th Percentile	\$14
Median 50 th Percentile	\$22
Senior-Level 90 th Percentile	\$40

Annual Job Openings

1105 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