

AUTOMOTIVE TECHNOLOGY

What is Automotive Technology?

Skilled automotive technicians who train at OCTC are in the driver's seat in today's job market. The automotive industry is changing rapidly. Whether you're interested in sleek sports cars or the latest hybrid technology, we have the training you need. Vehicles have more computerized devices than ever before. Employers need skilled technicians who can inspect, maintain and repair cars and trucks. The automotive program is nationally accredited by the National Automotive Technician Education Foundation. Jump start your career with exceptional classroom instruction and hands-on experience at OCTC.



Job Outlook

Employers are looking for professionals who are ready to keep up with technological advancements. Graduates may work in many areas including engine repair, transmission service and

electrical work. In Kentucky, automotive service technicians earn an average salary of \$31,606.* See where our graduates Go2Work at www.owensboro.kctcs.edu/gradsGo2Work.

*Source: Kentucky Labor Market Information

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Recommended Course Sequence

Year 1

	Fall semester	Credit Hours
ADX 120	Basic Automotive Electricity	3
ADX 121	Basic Automotive Electricity Lab	2
ADX 150	Engine Repair	3
ADX 151	Engine Repair Lab	2
ADX 170	Climate Control	3
ADX 171	Climate Control Lab	1
CIT 105	Computer/Digital Literacy	3

Spring semester

AUT 110	Brake Systems	3
AUT 111	Brake Systems Lab	2
AUT 160	Suspension and Steering	3
AUT 161	Suspension and Steering Lab	2
AUT 130	Manual Transmissions	3
AUT 131	Manual Transmissions Lab	2
HIS 108	Heritage/Humanities	3

Summer semester

ENG 101	Writing I	3
BIO 112	Natural Sciences	3

Year 2

Fall semester

AUT 140	Basic Fuel and Ignition Systems	3
AUT 141	Basic Fuel and Ignition Systems Lab	2
AUT 240	Computer Control Systems and Diagnosis	3
AUT 241	Computer Control Systems and Diagnosis	2
ADX 260	Electrical Systems	3
ADX 261	Electrical Systems Lab	2
MAT 110	Quantitative Reasoning	3

Spring semester

AUT 180	Automatic Transmission/Transaxle	3
AUT 181	Automatic Transmission/Transaxle Lab	2
AUT 142	Emission Systems	3
AUT 143	Emission Systems Lab	2
	Social/Behavioral Sciences	3

Optional:

AUT 275	Hybrid and Electric Vehicle Technology	3
AUT 276	Hybrid and Electric Vehicle Technology Lab	2

If you would like to develop or enhance your automotive skills and want additional information contact **Lewis Nall** at 270.686.4494 or lewis.nall@kctcs.edu.

owensboro.kctcs.edu

