

AUTOMOTIVE TECHNOLOGY

The Automotive Technology program offers a variety of choices for people seeking entry-level jobs as well as currently employed individuals who wish to enhance their skills.

MAJOR UNITS COVERED

- Engine Repair
- Brakes
- Electrical Systems
- Heating and Air Conditioning
- Engine Performance/Diagnostics
- Automatic Transmissions/ Transaxles
- Manual Transmissions/ Transaxles
- Suspension and Steering

PROGRAM OPTIONS

Associate in Applied Science Degree in General Occupational/Technical Studies: Certificate and diploma credits may be applied toward this degree. See a program advisor for more information.

Diploma: Automotive Technician offers technical courses for a broad range of automotive skills combined with general education courses that provide knowledge needed for success in the field.

Eight certificate programs focus on skills for specific entry-level jobs.

FOR MORE INFORMATION:



ASHLAND.KCTCS.EDU

CLICK >> EDUCATION & TRAINING
>> FIND YOUR PROGRAM



JOHN BRADLEY

PROFESSOR
JOHN.BRADLEY@KCTCS.EDU



(606) 326-2475 OR (606) 326-2053



ROBERTS DRIVE CAMPUS

4700 ROBERTS DRIVE, ASHLAND, KY 41102



GAINFUL EMPLOYMENT INFORMATION

For more information about graduation rates, the median debt of students who completed the program, and other important data on this program, visit ACTC's website at Ashland.KCTCS.edu/Education-Training/Program-Finder/Gainful-Employment-Disclosures.aspx

COLLEGE ACCREDITATION

Ashland Community and Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Ashland Community and Technical College. Note: The Commission is to be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard.

ACTC IS AN EQUAL EDUCATIONAL AND EMPLOYMENT OPPORTUNITY INSTITUTION.

JULY 2018

AUTOMOTIVE TECHNOLOGY



ASSOCIATE DEGREE, DIPLOMA AND CERTIFICATE PROGRAMS

Roberts Drive Campus



DIPLOMA PROGRAM

The program, designed to be completed in two years, prepares graduates for entry-level service technician jobs in the auto repair industry. Students may take the ASE exams in segments, as noted in the curriculum.

AUTOMOTIVE TECHNICIAN

Required	Credit Hours
Area 1: Written Communication, Oral Communications OR Heritage Humanities	3
Area 2: Social/Behavioral Sciences, Natural Sciences OR Quantitative Reasoning	3
Subtotal	6

Technical or Core Courses

Digital Literacy	
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
ADX 260 Electrical Systems	3
ADX 261 Electrical Systems Lab	2
AUT 110 Brake Systems	3
AUT 111 Brake Systems Lab	2
AUT 130 Manual Transmissions	3
AUT 131 Manual Transmissions Lab	2
AUT 140 Basic Fuel and Ignition Systems	3
AUT 141 Basic Fuel and Ignition Systems Lab	2
AUT 142 Emission Systems	3
AUT 143 Emission Systems Lab	2
AUT 160 Suspension and Steering	3
AUT 161 Suspension and Steering Lab	2
AUT 180 Automatic Transmission/Transaxle	3
AUT 181 Automatic Transmission/Transaxle Lab	2
AUT 240 Computer Control Systems/Diagnosis	3
AUT 241 Comp. Control Systems/Diagnosis Lab	2
AUT 299 Cooperative Education Program OR	1
AUT 298 Practicum	(1)
Technical/Support Credits	55
Total Credit	64

NOTE: Program requirements may change to reflect new technologies. Before registering, check with an advisor.

CERTIFICATE PROGRAMS

AUTOMOTIVE AIR CONDITIONING MECHANIC

Required	Credit Hours
ADX 170 Climate Control	3
ADX 171 Climate Control Lab	1
Total Credits	4

AUTOMOTIVE ELECTRICIAN

ADX 120 Basic Automotive Electricity	3
ADX 121 Basic Automotive Electricity	2
ADX 260 Electrical Systems	3
ADX 261 Electrical Systems Lab	2
Total Credits	10

MANUAL TRANSMISSION MECHANIC

AUT 130 Manual Transmissions	3
AUT 131 Manual Transmissions Lab	2
Total Credits	5

AUTOMOTIVE TRANSMISSION MECHANIC

AUT 180 Automatic Transmission/Transaxle	3
AUT 181 Automatic Transmission/Transaxle Lab	2
Total Credits	5

BRAKE REPAIRER

AUT 110 Brake Systems	3
AUT 111 Brake Systems Lab	2
Total Credits	5

ENGINE REPAIRER

AUT 150 Engine Repair	3
AUT 151 Engine Repair Lab	2
Total Credits	5

FRONT END MECHANIC

AUT 160 Suspension and Steering	3
AUT 161 Suspension and Steering Lab	2
Total Credits	5

TUNE UP MECHANIC

ADX 120 Basic Automotive Electricity	3
ADX 121 Basic Automotive Electricity Lab	2
ADX 260 Electrical Systems	3
ADX 261 Electrical Systems Lab	2
AUT 140 Basic Fuel and Ignition Systems	3
AUT 141 Basic Fuel and Ignition Systems Lab	2
AUT 142 Emissions Systems	3
AUT 143 Emission Systems Lab	2
AUT 240 Computer Control Systems & Diagnosis	3
AUT 241 Computer Control Systems/Diagnosis Lab	2
Total Credits	25

AUTOMOTIVE TECHNOLOGY

Application Checklist

1 Submit an Application for Admission, online, at Ashland.KCTCS.edu.

Submit to the Admissions Office:

- An official high school transcript, with graduation date, or GED scores
- Official transcripts from other colleges or universities you have attended, including those for dual credit courses
- Placement test scores (ACT, KYOTE) or complete placement testing

3 Attend orientation and meet with an advisor to schedule classes.

Financial Aid is available for those who qualify.

- Please fill out a FAFSA at www.FAFSA.ed.gov.
- Please speak with a financial aid specialist to receive counseling, if appropriate.

4

Pay tuition and fees before published cancellation deadlines.

More information regarding tuition rates can be found on our website at: Ashland.KCTCS.edu/Affording-College/index.aspx

5

