

Automotive Technology

Certificate

Program/CIP Code: AUTO.TCERTA/AUTO.TCERTB/AUTO.TCERTC / 47.0604

Credits Required: 21/42/53

Division: TEC

Contact: TEC@kckcc.edu

Accreditation: National Automotive Technicians Educational Foundation (NATEF)

Auto Technology is designed to give students the skills to pass the written portion of the Automotive Service Excellence (ASE) certification tests and customized to meet the highest standards of the National Automotive Technicians Educational Foundation (NATEF). TEC is introducing a new AutoLab which includes modules based on simulator panels, real vehicle component trainers and computer-based simulations. Using the modules, students develop both knowledge and the hands-on skills required for working on real vehicles in the workshop area.

Requirements for admission to the program:

- No requirements for admission to the program.
- Contact program for program-specific advising.

Automotive Technology Requirements: Certificate A*

Course		Credit Hours
AUTT 0103	Automotive Shop Operations and Safety	2
AUTT 0131	Undercar Maintenance	2
AUTT 0142	Suspension and Steering 1	3
AUTT 0152	Brakes 1	3
AUTT 0132	Underhood Maintenance	3
AUTT 0163	Electrical 1	3
AUTT 0164	Electrical 2	2
AUTT 0182	Engine Performance 1	3
*See course syllabi for Automotive Technology course prerequisites.		

Total Hours for an Automotive Technology Certificate A	21
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Automotive Technology Requirements: Certificate B*

Course		Credit Hours
<i>Completion of Certificate A Requirements</i>		21
AUTT 0263	Electrical and Electronics 3	3
AUTT 0272	Heating and Air Conditioning	3
AUTT 0284	Engine Performance 2	4
AUTT 0213	Engine Repair 1	2
AUTT 0222	Transmission and Driveline 1	4
AUTT 0242	Automotive Chassis Systems	5
*See course syllabi for Automotive Technology course prerequisites.		

Total Hours for an Automotive Technology Certificate B	42
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Automotive Technology Requirements: Certificate C*

Course		Credit Hours
<i>Completion of Certificate A and B Requirements</i>		42
AUTT 0223	Transmission and Driveline 2	5
AUTT 0264	Advanced Electronics, Chassis and HVAC Service	2
AUTT 0214	Engine Repair 2	2
AUTT 0285	Engine Performance 3	2
*See course syllabi for Automotive Technology course prerequisites.		

Total Hours for an Automotive Technology Certificate C	53
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