[Automotive Technology](https://bluegrass.kctcs.edu/education-training/program-finder/automotive-technology.aspx)

Certificate

Coordinator: Aaron N. Harlow (aaron.harlow@kctcs.edu) 859-246-6774

Student Name: Student ID:

*Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

Semester 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| ADX 120 Basic Automotive Electricity | 3 |  |  |  |  |
| ADX 121 Basic Automotive Electricity Lab | 2 |  |  |  |  |
| AUT 110 Brake Systems | 3 |  |  |  |  |
| AUT 111 Brake Systems Lab | 2 |  |  |  |  |
| Total Semester Credit Hours | 10 |  |  |  |  |

Semester 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| ADX 260 Electrical Systems | 3 |  |  |  |  |
| ADX 261 Electrical Systems Lab | 2 |  |  |  |  |
| AUT 160 Suspension and Steering | 3 |  |  |  |  |
| AUT 161 Suspension and Steering Lab | 2 |  |  |  |  |
| Total Semester Credit Hours | 10 |  |  |  |  |
| Total Certificate Credit Hours | 20 |  |  |  |  |

**Graduation Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Cumulative GPA must be 2.0 or higher.

Advisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Information**

The Automotive Technology Certificate program is currently on a one-year rotation cycle beginning in Fall 2020 and enrolling new students every year. Enrollment into the program is based on the selective admissions process. Certificate exit points are embedded in the overall automotive program curriculum and are only available if program enrollment numbers permit. There are no general education requirements for the automotive technology certificate exit points.

**Course Rotation Schedule**

|  |  |  |
| --- | --- | --- |
| Course | Fall | Spring |
| ADX 120 and ADX 121 Basic Automotive Electricity and Lab | X |  |
| ADX 260 and ADX 261 Electrical systems and Lab | X |  |
| AUT 110 and AUT 111 Brake Systems and Lab |  | X |
| AUT 160 and AUT 161 Suspension and Steering and Lab  |  | X |

**Embedded Credentials**

|  |  |  |  |
| --- | --- | --- | --- |
| Credential | Title | Requirements | Cr. Hrs. |
| Certificate | Automotive Electrician | ADX 120, 121 260, 261 | 10 |
| Certificate | Brake Repairer | AUT 110, 111 | 5 |
| Certificate | Front End Mechanic | AUT 160, 161 | 5 |

*Reviewed by: Aaron Harlow Effective Term: Fall 2021*

 *Review Date: 02-03-2021*