[Automotive Technology – Tune-Up Mechanic](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 |  |  | Coreq: ADX 121 |  |
| ADX 121 Basic Automotive Electricity Lab | 2 |  |  | Coreq: ADX 120 |  |
| ADX 260 Electrical Systems | 3 |  |  | Coreq: ADX 261 |  |
| ADX 261 Electrical Systems Lab | 2 |  |  | Coreq: ADX 260 |  |
| Total Semester Credit Hours | 10 |  |  |  |  |

Semester 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| AUT 140 Basic Fuel and Ignition Systems | 3 |  |  | Coreq: AUT 141 |  |
| AUT 141 Basic Fuel and Ignition Sys. Lab | 2 |  |  | Coreq: AUT 140 |  |
| AUT 240 Comp. Control Sys. and Diagnosis | 3 |  |  | Coreq: AUT 241 |  |
| AUT 241 Comp. Control Sys. and Diag. Lab | 2 |  |  | Coreq: AUT 240 |  |
| Total Semester Credit Hours | 10 |  |  |  |  |

Semester 3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| AUT 142 Emission Systems | 3 |  |  | Coreq: AUT 143 |  |
| AUT 143 Emission Systems Lab | 2 |  |  | Coreq: AUT 142 |  |
| Total Semester Credit Hours | 5 |  |  |  |  |
| Total Certificate Credit Hours | 25 |  |  |  |  |

**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**

Enrollment in any course in the Automotive Technology program is limited. Interested students must contact the Automotive Technology Program Coordinator. Students cannot enroll in any ADX or AUT course without the permission of the Automotive Technology Program Coordinator.

ADX 120, ADX 121, ADX 260, ADX 261, AUT 142, and AUT 143 are offered in the Fall semester only. AUT 140, AUT 141, AUT 240, and AUT 241 are offered in the Spring semester only.

**Embedded Credentials**

|  |  |  |  |
| --- | --- | --- | --- |
| Credential | Title | Requirements | Cr. Hrs. |
| Certificate | Automotive Electrician | ADX 120, 121, 260, 261 | 10 |

**Certificate Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Grade of C or higher in each course required for certificate.

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

 *Review Date: 02-03-2021*