



## Diesel Technology – Diesel Engine Mechanic Certificate

Program Coordinator: Aaron N. Harlow

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Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/automotive-technology.aspx>

Student Name:

Student ID:

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

First Semester	Credit Hours	Term	Grade	Prerequisites	Notes
DIT 110 Introduction to Diesel Engines	3			Coreq: DIT 111	
DIT 111 Introduction to Diesel Engines Lab	2			Coreq: DIT 110	
<b>Total Semester Credit Hours</b>	<b>5</b>				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
DIT 112 Diesel Engine Repair	3			Prereq: DIT 110 Coreq: DIT 113	
DIT 113 Diesel Engine Repair Lab	2			Prereq: DIT 111 Coreq: DIT 112	
Diesel Courses or from Industrial Education Core	2				
<b>Total Semester Credit Hours</b>	<b>7</b>				
<b>Total Certificate Credit Hours</b>	<b>12</b>				

- Graduation Requirements:
- 25% or more of Total Certificate Credit Hours must be earned at BCTC
  - Grade of C or higher in each course required for the certificate

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

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

### Additional Information

- DIT 110, DIT 111, DIT 112 and DIT 113 are offered in the Fall semester only.
- The Diesel Technology program is currently on a two-year rotation cycle beginning in Fall 2018 and enrolling new students every other year.
- Enrollment into the program is limited. Interested students must contact the Diesel Technology Program Coordinator.
- Students cannot enroll in any DIT or ADX course without the permission of the Diesel Technology Program Coordinator.
- Students must earn a grade of C or better to receive credit for successful completion of courses in the Diesel Technology curriculum.

### Course Rotation Schedule

	Fall	Spring
ADX 120 & ADX 121 Basic Automotive Electricity & Lab	X	
DIT 103 Preventative Maintenance Lab	X	
DIT 110 & DIT 111 Introduction to Diesel Engines & Lab	X	
DIT 160 & DIT 161 Steering and Suspension & Lab		X
DIT 180 & DIT 181 Brakes & Lab		X
FPX 100 and FPX 101 Fluid Power & Lab		X
ADX 170 & ADX 171 Climate Control & Lab	X	
DIT 112 & DIT 113 Diesel Engine Repair & Lab	X	
ADX 260 & ADX 261 Electrical Systems & Lab		X
DIT 150 & DIT 151 Power Trains & Lab		X