



Diesel Technology –Medium and Heavy Truck Mechanic Helper 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
ADX 120 Basic Automotive Electricity	3			Coreq: ADX 121	
ADX 121 Basic Automotive Electricity Lab	2			Coreq: ADX 120	
DIT 110 Introduction to Diesel Engines	3			Coreq: DIT 111	
DIT 111 Introduction to Diesel Engines Lab	2			Coreq: DIT 110	
Total Semester Credit Hours	10				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
DIT 160 Steering and Suspension	3			Coreq: DIT 161	
DIT 161 Steering and Suspension Lab	2			Coreq: DIT 160	
DIT 180 Brakes	3			Coreq: DIT 181	
DIT 181 Brakes Lab	2			Coreq: DIT 180	
Total Semester Credit Hours	10				

Third 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	
Total Semester Credit Hours	5				

Fourth Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
ADX 260 Electrical Systems	3			Coreq: ADX 261	
ADX 261 Electrical Systems Lab	2			Coreq: ADX 260	
Total Semester Credit Hours	5				
Total Certificate Credit Hours	30				

- 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

- 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