

## Diesel Mechanics

For information on registering and enrolling visit [mlatc.edu/start](http://mlatc.edu/start)  
 For information on tuition, fees and costs visit [mlatc.edu/costs](http://mlatc.edu/costs)  
 For information on delivery methods visit [mlatc.edu/delivery](http://mlatc.edu/delivery)  
 For information on MATC Certifications visit [mlatc.edu/certifications](http://mlatc.edu/certifications)  
 For questions please email [matcinfo@mlatc.edu](mailto:matcinfo@mlatc.edu) or call 801-753-MATC (6282)



CIP CODE 47.0605

Diesel service technicians and mechanics inspect, repair, or overhaul buses, trucks, and anything else with a diesel engine. Diesel mechanics handle many kinds of repairs. They may work on a vehicle's electrical system, make major engine repairs, or retrofit engines with emission control systems to comply with pollution regulations. Diesel engine maintenance is becoming increasingly complex as engines and other components use more electronic systems to control their operation. In addition to computerized diagnostic equipment, diesel mechanics use a variety of power and machine tools; such as, pneumatic wrenches, lathes, grinding machines, and welding equipment. Handtools including pliers, wrenches, and screwdrivers, are also commonly used. Diesel service technicians and mechanics may work on a vehicle's electrical system, make major engine repairs, or retrofit engines with emission control systems to comply with pollution regulations.

Part 1: Diesel Technician may be hired as mechanics working on engines, automatic transmissions, drive trains, electrical systems, suspension and steering, hydraulics, and air systems. They work on heavy equipment, farm equipment, and on highway trucks. Diesel mechanics diagnose, repair, weld, and fine-tune the working parts of buses, trucks, construction machinery, and generators. Students will become proficient in basic shop skills, PM inspections, brake relines, engine tune-up and rebuilding, component inspection and measuring, drive trains, suspension and steering, and electrical trouble shooting.

Part 2: Diagnostics and Repair - In this course you will be doing real hands on diagnostic and repair in a shop environment. You will be working on various that will cover the following: Steering and Suspension, Electrical, Electronics, Engines and Drive Train. You are welcome to bring in your own project. Project needs to pertain to the Heavy Duty Diesel Mechanic or the Diesel Mechanic industry and be approved by the instructor. you do not need to have a project vehicle to sign up for the class

OUTCOMES	Delivery Method	DE/DE - (min 8 - max 18)
MATC Diesel Mechanicse Program Certificate	Enrollment Availability	Adults and HS Seniors (10/18)
	Financial Aid Available	Yes
	VA Qualified	Yes

### PREREQUISITES

As part of the admission process students are required to complete the Career Ready Entrance Assessment. The Career Ready Entrance Assessment is free and takes approximately 1 hour to complete. You can take this assessment at anytime prior to registration. You only need to take this assessment once upon first registering at MATC. You do not need to retake it for each program or additional course. For additional information or to schedule please visit [mlatc.edu/testing](http://mlatc.edu/testing)

All students must have a valid drivers license.

SECTION	LOCATION	ROOM	START DATE	END DATE	START TIME	END TIME	DAYS	INSTRUCTOR	NOTES
	Fall 2017	Spanish Fork	Auto Bldg	8/22/2017	5/24/2018	7:30 AM	10:30 AM	M-F	Judd Statham
	Fall 2017	Spanish Fork	Auto Bldg	8/22/2017	5/24/2018	11:45 AM	2:45 PM	M-F	Judd Statham
	Fall 2017	Spanish Fork	Auto Bldg	8/22/2017	5/24/2018	5:30 PM	9:15 PM	M-TH	TBA
	Fall 2018	Spanish Fork	Auto Bldg	8/20/2018	5/23/2019	7:30 AM	10:30 AM	M-F	Judd Statham
	Fall 2018	Spanish Fork	Auto Bldg	8/20/2018	5/23/2019	11:45 AM	2:45 PM	M-F	Judd Statham
	Fall 2018	Spanish Fork	Auto Bldg	8/20/2018	5/23/2019	5:30 PM	9:15 PM	M-TH	TBA

TUITION /FEES	COST	NOTES
Registration Fee	\$40.00	This \$40 is a one time only, non-refundable fee when enrolling in the college for the first time.
Facilities Fee	\$50.00	
Program Fees	\$345.00	Program fees may not include all textbooks, materials or certification costs. Please see additional required/optional materials.
Tuition	\$1,200.00	
<b>Total Tuition and Fees</b>	<b>\$1,635.00</b>	Tuition and fees are due at time of registration.

REQUIRED PROGRAM MATERIALS	COST	NOTES
Text/Workbook		Heavy Duty Truck Systems 6th Edition ISBN:
Safety Glasses	\$10.00	
Tool Kit	\$300.00	
<b>Total</b>	<b>\$310.00</b>	

OPTIONAL PROGRAM MATERIALS	COST	NOTES
<b>Total</b>	<b>\$0.00</b>	

PROGRAM COMPONENTS	LAB	LECTURE	HYBRID	TOTAL	NOTES
<b>Diagnostics and Repair</b>					
Steering & Suspension	9	3		12	
Electrical	9	3		12	
Drivetrain	9	3		12	
Engines	9	3		12	
Air Brakes	9	3		12	
<b>Diesel Technician</b>					
Shop Safety and Procedures	10	5		15	
Steering System	30	15		45	
Suspension System	30	15		45	
Electrical Systems	30	15		45	
Electronics Systems	30	15		45	
Drive Trains	60	30		90	
Engine Rebuild	30	15		45	
Measuring	30	15		45	
Brakes Part 1	30	15		45	
Brakes Part 2	30	15		45	
Preventive Maintenance	50	25		75	
<b>Total</b>	<b>405</b>	<b>195</b>	<b>0</b>	<b>600</b>	Average 10 months or 200 days excluding wknds and holidays

\*\*\*\*\* Additional Information \*\*\*\*\*

MATC provides training for students to prepare to take and/or receive MATC or 3rd party licensures and certifications such as state, national or industry certifications. MATC does not guarantee MATC or 3rd party licensures and certifications such as state, national or industry certifications upon completion of MATC Programs. State/national licensure or industry certifications are required for employment in some occupations and it is the responsibility of the student to obtain them. In order to receive a MATC certificate students must demonstrate all competencies.

Financial Aid availability may be based on program locations and/or scheduling requirements.

High school students must approve enrollment start and end dates with their high school counselor before registering with MATC. Please Note: If high school students or their high school class graduates and they have not finished all program hours prior to their high school graduation date, tuition will be charged for the remaining hours needed for completion.

The time it takes to complete this program is based on clock hours. Based on how many hours per day and how many days per week your program meets you can determine your targeted completion date.

Classes not meeting the minimum enrollment may be cancelled or rescheduled. Minimum enrollment requirements vary per program.

Information, including but not limited to, times, dates, locations, tuition, fees, prerequisites, etc. are subject to change without notice. It is the viewer's responsibility to verify the timeliness and accuracy of this information prior to enrollment.