

Diesel Technician – Program Description

The Diesel Technician Program is 23 weeks (920 hours = 460 instructional hours + 460 externship hours) of combined didactic instruction, hands-on instruction, and outside work. Graduates will earn an education that will prepare them to inspect, repair, and overhaul diesel vehicles. The coursework includes both instructor-led training (ILT), web-based training (WBT), and an externship to give students an understanding of the working environment. This program is led by DTNA-certified program instructors who bring their real-world industry experience to prepare students appropriately. Students will become skilled technicians in medium and heavy-duty trucks specific to the Daimler Trucks North America brand. The program, exclusive to SelecTechnical Institute, trains students to maintain, diagnose and repair DTNA's industry-leading brands, including Freightliner, Western Star, Thomas Built Buses, and Detroit Diesel.

COURSE NAME		CREDIT HOURS	
VS101	Introduction to Vehicle Information	1	
VS102	Heavy Duty Truck Systems	2	
VS103	Electrical and Electronics Theory & System Troubleshooting	6	
VS104	HVAC Diagnostics	2	
VS105	Basic Safety KPA Training	1	
VS106	Principles of Business & Service Professionalism	1	
VS107	Hands-on-Tools Training	1	
ES202	Basic Engine Diagnostics & Repair	3	
ES203	Advanced Engine Diagnostics & Repair	3	
PE301	Professional Experience Externship I	4	
PE302	Professional Experience Externship II	3	
PE303	Professional Experience Externship III	3	
TOTAL		30	

ACADEMIC SESSION	LENGTH	CREDIT HOURS	TOTAL TIME
Vehicle Systems	57 days	11	228 hours
Safety, Business, Service, and Tools	24 days	3	96 hours
Engine Systems	34 days	6	136 hours
Externship I	45 days	4	180 hours
Externship II	35 days	3	140 hours
Externship III	35 days	3	140 hours