

# Recommended Academic Plan for Diesel Technology

Certificate  
of  
Proficiency



This plan is a suggested semester-by-semester plan. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based on ACT/SAT or COMPASS exam scores, scheduling, degree requirements, and graduation requirements.

Semester 1				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:100 Introduction to Diesel Technology	3	Reading and Math Proficiency	First 8 weeks	
DIE:103 Medium/Heavy Truck Electricity	3	Reading Proficiency and coreq DIE:100	First 4 weeks	
DIE:107 Medium/Heavy Truck Electronics	3	Reading Proficiency and DIE:103	Second 4 weeks	
DIE:201 Preventive Maintenance Inspection	3	Reading Proficiency and DIE:100	Third 4 weeks	
DIE:102 Medium/Heavy Truck Suspension and Steering	3	Reading Proficiency and DIE:100	Fourth 4 weeks	
<b>Subtotal</b>	<b>15</b>			

Semester 2				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:106 Medium/Heavy Truck Brakes	3	Reading Proficiency and DIE:100	First 4 weeks - <b>Apply for CS</b>	
DIE:101 Diesel Engine Operation and Repair	3	Reading Proficiency and DIE:100	Second 4 weeks	
DIE:105 Diesel Fuel Systems	3	Reading Proficiency DIE:100, 101 and 107	Third 4 weeks	
DIE:203 Truck Heating, Ventilation and Air Conditioning	3	Reading Proficiency and DIE:100	Fourth 4 weeks	
ME:101 Welding Technology	3			
<b>Subtotal</b>	<b>15</b>			

Semester Summer				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:202 Co-op Work Experience 1 Diesel Technology	3	DIE:102, DIE:106 and DIE:107 DIE:205 - coreq	First 4 weeks	
DIE:205 Co-op Work Experience 2 Diesel Technology	3	DIE:202 - coreq	Second 4 weeks	
<b>Subtotal</b>	<b>6</b>			

Semester 4				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:206 Medium/Heavy Truck Drivetrains	3	Reading Proficiency and DIE:100	First 4 weeks - <b>Apply for graduation</b>	
DIE:204 Service and Parts Management	3	Reading Proficiency	Second 4 weeks	
<b>Subtotal</b>	<b>6</b>			

**Total Hours in the Program: 42**

\*See Catalog for classes that will fulfill the elective requirements catalog.stlcc.edu

\*\*It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice.

Maximize your transfer credits/classes by meeting with an academic advisor.

## Diesel Technology - CP Quick Checklist

Courses	Credit Hours	Notes
<b>GENERAL EDUCATION</b>		
<b>REQUIRED COURSES</b>		
DIE:100 Introduction to Diesel Technology	3	
DIE:103 Medium/Heavy Truck Electricity	3	
DIE:107 Medium/Heavy Truck Electronics	3	
DIE:201 Preventive Maintenance Inspection	3	
DIE:102 Medium/Heavy Truck Suspension and Steering	3	
DIE:106 Medium/Heavy Truck Brakes	3	
DIE:101 Diesel Engine Operation and Repair	3	
DIE:105 Diesel Fuel Systems	3	
DIE:203 Truck Heating, Ventilation and Air Conditioning	3	
ME:101 Welding Technology	3	
DIE:206 Medium/Heavy Truck Drivetrains	3	
DIE:204 Service and Parts Management	3	
DIE:202 Co-op Work Experience 1 Diesel Technology		
DIE:205 Co-op Work Experience 2 Diesel Technology		

For more information, please see [stlcc.edu/Programs/Degrees](http://stlcc.edu/Programs/Degrees) or consult the College Catalog at [catalog.stlcc.edu](http://catalog.stlcc.edu)

**Advisor Contact Information**

Name \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_