

# Recommended Academic Plan for Diesel Technology

Associate in Applied Science Degree



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 Placement 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 DIE:100 - coreq	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 and 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 3				
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	
DIE:204 Service and Parts Management	3	Reading Proficiency	Second 4 weeks	
MTH:108 Elementary Applied Mathematics	3	MTH:020 with a grade of "C" or better or satisfactory score on placement test and Reading Proficiency		
COM:101 Oral Communication I	3	Reading Proficiency		
<b>Subtotal</b>	<b>12</b>			
Semester 5				
Course	Credits	Prerequisite	Milestone/Notes	Completed
ENG:101 College Composition I	3	ENG:030 and Reading Proficiency	<b>Apply for graduation</b>	
BUS:104 Introduction to Business Administration	3	Reading Proficiency		
PSI:101 Physical Science Lecture I	3	Math and Reading Proficiency		
Social and Behavioral Sciences elective that meets the MO State requirement	3		See an advisor for courses that fulfill this requirement.	
<b>Subtotal</b>	<b>12</b>			
<b>Total Hours in the Program: 60</b>				

\*See Catalog for classes that will fulfill the elective requirements [catalog.stlcc.edu](http://catalog.stlcc.edu)

\*\*Students completing STLCC's Missouri General Education requirements will receive verification on their transcripts that is recognized by all Missouri public colleges and universities except the University of Missouri-Columbia.

\*\*\*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 - AAS Quick Checklist

Courses	Credit Hours	Notes
<b>GENERAL EDUCATION</b>		
ENG:101 College Composition I	3	
BUS:104 Introduction to Business Administration	3	
PSI:101 Physical Science Lecture I	3	
Social and Behavioral Sciences elective that meets the MO State requirement	3	
MTH:108 Elementary Applied Mathematics	3	
COM:101 Oral Communication I	3	
<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:202 Co-op Work Experience 1 Diesel Technology	3	
DIE:205 Co-op Work Experience 2 Diesel Technology	3	
DIE:206 Medium/Heavy Truck Drivetrains	3	
DIE:204 Service and Parts Management	3	
<b>ELECTIVE COURSES</b>		

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