

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 ACT/SAT or COMPASS exam scores, scheduling, degree requirements, and graduation requirements.

Semester 1				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:101 Diesel Engine Operation and Repair	3			
DIE:102 Medium/Heavy Truck Suspension and Steering	3			
DIE:103 Medium/Heavy Truck Electricity	3		Offered 1 st part of semester	
DIE:104 Electronic Information Systems and Manuals	3			
DIE:107 Medium/Heavy Truck Electronics	3	DIE:103	Offered 2 nd part of semester	
Subtotal	15			

Semester 2				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:105 Diesel Fuel Systems	3			
DIE:106 Medium/Heavy Truck Brakes	3			
DIE:203 Truck Heating, Ventilation and Air Conditioning	3			
DIE:206 Medium/Heavy Truck Drivetrains	3		See ** Below	
ME:101 Welding	3			
Subtotal	15			

Summer				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:202 Co-op Work Experience 1: Diesel Technology	3	15 hours of DIE courses		
DIE:205 Co-op Work Experience 2: Diesel Technology	3	DIE:202		
Subtotal	6			

Semester 3				
Course	Credits	Prerequisite	Milestone/Notes	Completed
DIE:201 Preventive Maintenance Inspection	3			
DIE:204 Service and Parts Management	3			
MTH:108 Elementary Applied Mathematics	3	MTH:020		
COM:101 Oral Communication I	3	Corq RDG:030 or ENG:070		
*Physical Education	2		1 credit must be an activity credit	
Subtotal	14			

Semester 4				
Course	Credits	Prerequisite	Milestone/Notes	Completed
ENG:101 College Composition I	3	ENG:030 & Corq RDG:030	Apply for graduation	
BUS: 104 Introduction to Business Administration	3			
SOC:101 Introduction to Sociology	3			
PSI: 101 Physical Science Lecture I	3	MTH:030 or 108 or 1 yr. HS algebra		
*Social and Behavioral Sciences Elective that meets the MO State requirement	3			
Subtotal	15			

Total Hours in the Program: 65

*See Catalog for classes that will fulfill the elective requirements http://www.stlcc.edu/Admissions_and_Registration/Course_Catalog.html or the Diesel Technology web page http://www.stlcc.edu/Programs/Diesel_Technology/

** Complete the following courses for a Certificate of Specialization: DIE:101, 102, 103, 104, 206, and 1 of the following: ENG:101, MTH108, or BUS:104.

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

Diesel Technology AAS Quick Checklist

Courses	Credit Hours	Notes
GENERAL EDUCATION		
ENG:101 College Composition I		
MTH:108 Elementary Applied Mathematics		
Missouri State Requirement		
SOC:101 Introduction to Sociology		
BUS: 104 Introduction to Business Administration		
COM:101 Oral Composition		
PSI: 101 Physical Science Lecture I		
PHYSICAL EDUCATION 2 credit hours At least one credit must be an activity		
AREA OF CONCENTRATION		
DIE:101 Diesel Engine Operation and Repair		
DIE:102 Medium/Heavy Truck Suspension and Steering		
DIE:103 Medium/Heavy Truck Electricity		
DIE:104 Electronic Information Systems and Manuals		
DIE:105 Diesel Fuel Systems		
DIE:106 Medium/Heavy Truck Brakes		
DIE:107 Medium/Heavy Truck Electronics		
DIE:201 Preventive Maintenance Inspection		
DIE:202 Co-op Work Experience 1: Diesel Technology		
DIE:203 Truck Heating, Ventilation and Air Conditioning		
DIE:204 Service and Parts Management		
DIE:205 Co-op Work Experience 2: Diesel Technology		
DIE:206 Medium/Heavy Truck Drivetrains		
ME:101 Welding		

For more information, please see <http://www.stlcc.edu/Programs/Degrees> or consult the College Catalog at http://www.stlcc.edu/Admissions_and_Registration/Course_Catalog.html

Advisor Contact Information

Name
Phone
Email