

DIESEL TECHNOLOGY, ASSOCIATE IN APPLIED SCIENCE

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully

complete a civics examination. Information on who is eligible for a waiver can be found on our website: <https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>.

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2022, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
DIE 100	Introduction to Diesel Technology	3	MTH 020 with a grade of "C" or better or satisfactory score on placement test and Reading Proficiency	First 8 weeks
DIE 103	Medium/Heavy Truck Electricity	3	Reading Proficiency	First 4 weeks
DIE 107	Medium/Heavy Truck Electronics	3	DIE 103 and Reading Proficiency	Second 4 weeks
DIE 201	Preventive Maintenance Inspection	3	DIE 100 and Reading Proficiency	Third 4 weeks
DIE 102	Medium/Heavy Truck Suspension and Steering	3	DIE 100 and Reading Proficiency	Fourth 4 weeks
	Credit Hours	15		
Spring				
DIE 106	Medium/Heavy Truck Brakes	3	DIE 100 and Reading Proficiency	First 4 weeks; Apply for CS
DIE 101	Diesel Engine Operation and Repair	3	DIE 100 and Reading Proficiency	Second 4 weeks
DIE 105	Diesel Fuel Systems	3	DIE 100, DIE 101, DIE 107, and Reading Proficiency	Third 4 weeks
DIE 203	Truck Heating, Ventilation and Air Conditioning	3	DIE 100 and Reading Proficiency	Fourth 4 weeks
ME 101	Welding Technology	3	Reading Proficiency	
	Credit Hours	15		
Summer				
DIE 202	Co-op Work Experience I-Diesel Technology	3	DIE 102, DIE 106, DIE 107, and Reading Proficiency	First 4 weeks
DIE 205	Co-op Work Experience II - Diesel Technology	3	Reading Proficiency	Second 4 weeks
	Credit Hours	6		
Second Year				
Fall				
DIE 206	Medium/Heavy Truck Drivetrains	3	DIE 100 and Reading Proficiency	First 4 weeks
DIE 204	Service and Parts Management	3	Reading Proficiency	Second 4 weeks
MTH 108	Elementary Applied Mathematics (or higher)	3	Reading Proficiency	
COM 101	Oral Communication I (MOTR COMM 100)	3	Reading Proficiency or concurrent enrollment in ENG 070	
	Credit Hours	12		

Spring				
ENG 101	College Composition I (MOTR ENGL 100)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	Apply for graduation
BUS 104	Introduction to Business Administration	3	Reading Proficiency	
PSI 101	Physical Science (MOTR PHYS 110)	3	Completion of MTH 108 or MTH 140S, or placement into MTH 140 or higher, and Reading Proficiency	
Social & Behavioral Sciences: Civics Requirement		3		
	Credit Hours	12		
	Total Credit Hours	60		

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** 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.