



**Program of Study**  
**Career Field: Industrial, Manufacturing and Engineering Systems**  
**Career Cluster: Transportation, Distribution, and Logistics**  
**Career Pathway: Facility and Mobile Equipment Maintenance**



**Northeast Community College**

DEGREE:  
 Diesel Technology- Truck Option  
<http://www.northeast.edu/Degrees-and-Programs/Diesel-Technology-Ag>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES		
<b>HIGH SCHOOL</b>	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Automotive Repair Diesel Mechanics Welding	Intro to the Transportation, Distribution & Logistics Industry Mobile Equipment Preventative Maintenance Mobile Equipment Maintenance & Repair	<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, Ford/AAA Auto Skills, DECA, FFA, Math Club  <i>Community Activities:</i> Learn to drive a tractor or truck, Learn automotive repair and maintenance, Read automotive and mechanical magazines, Take Drivers Education, Learn to operate a forklift		
	10	English/Language Arts II	Geometry	Biology	World History					
	11	English/Language Arts III	Algebra II	Chemistry	American History					
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics	American Government or Economics					
<b>NORTHEAST COMMUNITY COLLEGE</b>		<b>COMMUNICATIONS</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL SCI/ HUMANITIES</b>	<b>DEGREE REQUIREMENTS</b>	<b>MAJOR COURSES</b>			
	13		Applied Mathematics I	Basic Computer Applications			Shop Safety Training	Truck Power Trains Theory and Lab	Air Brakes & Suspension Systems Theory and Lab	Truck Electrical Systems Theory and Lab
				Applied Mathematics II				Truck Air Conditioning Theory and Lab	Job Search and Employment	Related Welding and Lab
	14	Career Composition				Human Relations		Truck Engines and Fuel Systems Theory and Lab	Diesel Truck Electronics Theory and Lab	Transportation Refrigeration Theory and Lab
					Personal and Business Finance					