

TRUCK OPTION

The diesel technology truck option will teach students the basic knowledge and skills needed to service and repair diesel and gas-powered equipment. In addition to classroom study, students receive over 1,000 hours of lab training and 480 hours of actual experience through the summer cooperative internship program. Students learn to repair and test diesel fuel systems, engines, hydraulic systems, electronic control systems, power trains, brakes, electrical systems, suspension, and air conditioning systems, as well as gaining experience with various hand tools and test equipment. Related courses in math, computers, communications, human relations, and personal and business finance are included to prepare students for the world of work and to enhance technical skills.

Northeast Community College and Wayne State College have an agreement that Wayne State College will accept up to 66 credit hours from Northeast toward a Bachelor of Science degree in technology. (Enrollment into the diesel technology truck option is limited and is based on the date of application.) **See page 104 for Diesel Technology required program of study.**

FRESHMAN YEAR

First Semester	
Course	Credits
DESL 1090 Shop Safety Training.....	1
DESL 1130 Truck Power Trains Theory.....	3
DESL 1140 Truck Power Trains Lab.....	5.5
DESL 1170 Air Brakes & Suspension Systems Theory.....	2
DESL 1180 Air Brakes & Suspension Systems Lab.....	3.5
INFO 1000 Basic Computer Applications.....	2
MATH 1030 Applied Mathematics I.....	2
	<u>19</u>

Second Semester	
Course	Credits
DESL 1110 Truck Electrical Systems Theory.....	3
DESL 1120 Truck Electrical Systems Lab.....	5.5
DESL 1150 Truck Air Conditioning Theory.....	2
DESL 1160 Truck Air Conditioning Lab.....	3.5
DESL 1290 Job Search and Employment.....	1
MATH1050 Applied Mathematics II.....	2
WELD 1010 Related Welding.....	0.5
WELD 1020 Related Welding Lab.....	1
	<u>18.5</u>

Required Summer: 12 weeks	
DESL 1300 Cooperative Internship I.....	8

SOPHOMORE YEAR

First Semester	
Course	Credits
DESL 2130 Truck Engines and Fuel Systems Theory.....	5
DESL 2140 Truck Engines and Fuel Systems Lab.....	9
ECON 1010 Personal and Business Finance.....	2
PSYC 1000 Human Relations.....	2
	<u>18</u>

Second Semester	
Course	Credits
DESL 2110 Diesel Truck Electronics Theory.....	2.5
DESL 2120 Diesel Truck Electronics Lab.....	4.5
DESL 2170 Transportation Refrigeration Theory.....	2.5
DESL 2180 Transportation Refrigeration Lab.....	4.5
ENGL 1050 Career Composition.....	3
	<u>17</u>

**Total Credit Hours 80.5**