DIESEL TECHNOLOGY

DIPLOMA

What about a career in Diesel Equipment repair?

The Diesel Technology program offers the appeal of a wide variety of challenges as you learn to diagnose and solve diesel equipment problems on commercial vehicles. Our students begin by learning theory of operation for modern diesel-powered equipment. You will soon progress to basic maintenance procedures and minor repairs. Advanced training in this comprehensive program includes diagnostic skills for many vehicle systems including those that are electronically controlled.

You can look forward to working in a state-of-the-art lab and guidance from highly-qualified instructors who frequently attend industry training. Our courses keep lecture and classroom study to a minimum, emphasizing a "hands-on" approach to training. An active advisory committee made up of local employers assures that the program's curriculum remains current. An internship is included in our program plan.

Employment Outlook Graduates of our diesel training programs have traditionally enjoyed high job placement success. Diesel Technology continues to be a vital link in the nation's economy and you can look forward to a rewarding career.

Award: Diploma (DIP) 69 Credits Credits

Location: ♦ Albert Lea

Program Starts: Fall

Course Plan: Two Year

Articulation Agreements
Minnesota State University - Moorhead ♦ BS - Operations Management

Estimated Tuition 69 cr x $195.00 = *$13,455.00*
Books: $875
Other Costs: $1700 - $3600 (Tool costs vary depending on vendor)

Faculty & Advisors
♦ Doug Blom / 379-3376
♦ Mike Bute / 379-3392

Program Notes Requirements for Program Admission: Tool and Safety Kit different options available, price varies per supplier.

Students entering this program must meet the following minimum program entry requirements:
Reading: An Accuplacer score of 52 is recommended.

Assessment Results and Prerequisites: Students admitted into Riverland Community College program may need to complete additional courses based on assessment results and course prerequisite requirements. Certain MATH and ENGL courses have additional prerequisites.

Required Core Courses (63 Credits)

DESL1101	Shop Safety, Tools & Equipment	2.00
DESL1102	Introduction to the Diesel Engine	2.00
DESL1103	Applied Diesel Engines Lab	3.00
DESL1104	Introduction to Electrical Systems	2.00
DESL1105	Applied Electrical Systems Lab	3.00
DESL1106	Clutch and Manual Transmission I	3.00
DESL1107	Industry Related Welding	2.00
DESL1114	Commercial Vehicle Preventative Maintenance and Inspection	3.00
DESL1117	Caterpillar Engines and Fuel Systems	3.00
DESL1208	Air & Hydraulic Brakes	2.00
DESL1211	Electronic Engine Controls I	3.00
DESL1212	Introduction to Hydraulics	2.00
DESL1213	Diesel Fuel Systems I	2.00
DESL2115	Commercial Vehicle ABS Braking Systems	1.00
DESL2118	Commercial Vehicle Power Trains I	2.00
DESL2119	Commercial Vehicle Steering & Suspension Systems	3.00
DESL2120	Commercial Vehicle Drive Lines	1.00
DESL2209	Commercial Vehicle HVAC Systems	3.00
DESL2210	Diesel Project Lab	4.00
DESL2221	Electronic Engine Controls II	2.00
DESL2222	Automated Transmissions	4.00
DESL2223	Cummins Engines & Fuel Systems	2.00
DESL2224	Diesel Information Systems	2.00
DESL2225	Commercial Vehicle Power Trains II	3.00
DESL2226	Diesel Technology Internship	4.00

General Studies Courses (6 Credits Required)

GSCL1270	Employment Search Skills	1.00
GSCM1510	Workplace Human Relations	2.00
HLTH1130	AHA CPR and First Aid Certification	1.00
MATH1020	Technical Math I	2.00

RIVERLAND Campuses
Albert Lea | 2200 Riverland Dr. | Albert Lea, MN 56007 | 507-379-3300
Austin Campus | 1900 8th Avenue NW | Austin, MN 55912 | 507-433-0600
Owatonna Campus | 965 Alexander Drive SW | Owatonna, MN 55060 | 507-455-5880