

DIESEL TECHNOLOGIES, A.A.S.

Entry Time

Fall

Award

Associate of Applied Science degree
2 years (5 terms including summer)

The Diesel Technology Program offers a two year A.A.S. degree for students entering the workforce in Agricultural Equipment, Heavy Truck and Trailer, or Heavy Equipment maintenance and repair. Today's technicians not only diagnose and fix mechanical problems, they also must understand and troubleshoot the computer-controlled systems found in diesel engines, power trains and hydraulic systems, suspensions, and braking systems. The program also provides industry training and professional development for graduates. Currently, more than 50 midwestern businesses employ one or more former students who participated in our program.

Career Opportunities

- diesel technician
- shop/service techs
- service managers
- owner operators
- shop foreman/managers

Degree Requirements

Term 1		
Fall		Credit Hours
AGM-124	Tech Proc/Power Mech Tech	3
DSL-355	Fundamentals of Internal Combustion Engines	3
DSL-347	Diesel Engines I	3
DSL-143	Fundamentals of Electricity	3
MAT-715	Industrial Math I	3
Communications Course		3
Term Totals:		18
Term 2		
Spring		
AGM-406	Power Transfer I	3
AGM-113	Hydraulics I	3
AGM-427	Equipment Servicing	3
Humanities or History/Culture Course (https://creditcatalog.kirkwood.edu/aas-degree-humanities-requirement/)		3
SPC-101 or SPC-112	Fundamentals of Oral Comm or Public Speaking	3
Term Totals:		15

Term 3		
Summer		
WEL-331	Welding Fundamentals	2
MGT-145	Human Relations in Management	3
AGC-210	Employment Seminar	1
AGM-414	Fund of Air Conditioning	2
Term Totals:		8
Term 4		
Fall		
DSL-348	Diesel Engines II	3
DSL-335	Advanced Diesel Electronics	3
AGM-426	Power Transfer II	3
Select one of the following:		6
AGM-404 & AGM-403	Combine Servicing and Combine Operation & Adjustment	
DSL-808 & DSL-809	Truck and Trailer Servicing and Truck and Trailer Chassis	
Term Totals:		15
Term 5		
Spring		
AGM-450	Diesel Diagnosis	15
Term Totals:		15
Program Totals:		71