



Diesel Technology +6423

(Offered at KC-Longview)

The program prepares students to enter the workforce as entry-level technicians in the field of heavy equipment and truck repair. The program consists of a 12-month certificate and an associate of applied science degree.

First Year		
First Semester		
Course		Semester Hours
DEMR 1406	Diesel Engine I	4
DEMR 1410	Diesel Engine Testing & Repair I	4
DEMR 1305	Basic Electrical Systems	3
DEMR 1291	Special Topics in Diesel Engine Mechanic & Repairer	2
	Social or Behavioral Science Elective	3
		16
Second Semester		
Course		Semester Hours
DEMR 1413	Fuel Systems	4
DEMR 2432	Electronic Controls	4
DEMR 1317	Basic Brake Systems	3
DEMR 1421	Power Train I	4
ENGL 1301	Composition I	3
		18
Third Semester		
HEMR 1304	Natural Gas Compression	3
DEMR 1316	Basic Hydraulics	3
DEMR 1323	HVAC Troubleshooting & Repair	3
DEMR 1280	Cooperative	2
		11
Fourth Semester		
Course		Semester Hours
MATH	MATH 1332 or MATH 1342 or higher	3
	Humanities or Fine Arts Elective	3
SPCH	Speech Elective	3
	Elective	3
		12
Fifth Semester		
Course		Semester Hours
DEMR 1380	Cooperative Education**	3
		Total Hours 60

+ Course of study identification number.

** Capstone Experience.

Note: A student who completes the required courses with an overall average of C may receive an Associate of Applied Science degree.