



Heavy Diesel Construction Technology

CIP: 47.0302

2024-2025

High School Estimated Cost Sheet

Course ID	Course Title	Credit Hours	Technical (T) or General (G)	Tuition	Materials & Technology Fee	Funded by Excel in CTE	Certifications *	Non-Consumable Fees **	Student Out of Pocket Responsibility
1st Semester									
IND105	OSHA 10 Hr. Gen. Indust. Cert.	1	T	\$ 158.00	\$ 27.00	\$ (185.00)	\$ 25.00		\$ 25.00
DEM111	Shop Skills & Safety Fundamentals	1	T	\$ 158.00	\$ 27.00	\$ (185.00)	\$ 20.00	\$ 65.00	\$ 85.00
DEM113	Electrical/Electronic Systems	5	T	\$ 790.00	\$ 135.00	\$ (925.00)	\$ 20.00		\$ 20.00
DEM123	Hydraulics	5	T	\$ 790.00	\$ 135.00	\$ (925.00)			\$ -
2nd Semester									
DEM231	Diesel Engines I	5	T	\$ 790.00	\$ 135.00	\$ (925.00)			\$ -
DEM241	Advanced Diesel Engines	5	T	\$ 790.00	\$ 135.00	\$ (925.00)	\$ 20.00		\$ 20.00
DEM250	Engine Performance	2	T	\$ 316.00	\$ 54.00	\$ (370.00)			\$ -
3rd Semester									
DEM204	Advanced Machine Electrical	4	T	\$ 632.00	\$ 108.00	\$ (740.00)	\$ 20.00		\$ 20.00
DEM221	Drive Trains	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
DEM252	Power Trains for Construction	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
DEM144	Brakes for Construction	2	T	\$ 316.00	\$ 54.00	\$ (370.00)	\$ 20.00		\$ 20.00
DEM150	EST Diagnostics	1	T	\$ 158.00	\$ 27.00	\$ (185.00)			\$ -
4th Semester									
DEM224	Advanced Hydraulic Systems	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
DEM142	Welding for Diesel	3	T	\$ 474.00	\$ 81.00	\$ (555.00)		\$ 182.00	\$ 182.00
DEM268	Auxiliary Power Units/Refrigeration	2	T	\$ 316.00	\$ 54.00	\$ (370.00)	\$ 15.00		\$ 15.00
DEM116	Workplace Skills	1	G	\$ 158.00	\$ 27.00				\$ 185.00
DEM274	Diesel Preventative Maintenance	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
DEM244	Heavy Equipment Operation	2	T	\$ 316.00	\$ 54.00	\$ (370.00)			\$ -
Total Credit Hours		51		Savings to High School Students: \$ 9,250.00					

** 5 Work shirts and 2 pairs of safety glasses	\$65.00
** Welding PPE Kit	\$182.00
* ASE Student Testing Certification (\$20 x 3)	\$60.00
* SP/2 Certifications (\$20 x 2)	\$40.00
* MACS Section 609	\$15.00
* OSHA 10 Certification	\$25.00

Estimated Tuition and Fees:	\$ 572.00
Estimated Cost for Textbooks:	\$ 663.00
Estimated Cost for Tools/PPE:	\$ 600.00

Total Estimated Out of Pocket: \$ 1,835.00

TEXTBOOKS ESTIMATE FOR THIS PROGRAM:

Students will be provided a list of required textbooks needed for their program.

Students can purchase their textbooks from Washburn Tech Bookstore or from any vendor of choice.

Estimated Cost for Textbooks: \$663.00

TOOLS/PPE ESTIMATE FOR THIS PROGRAM:

Lists of required tools are available on a separate sheet; students may purchase their tools from the vendor of their choice.

Not all tools may be needed the first semester. Please check with your instructor prior to purchasing tools.

Estimated Cost for Tools: \$600.00