

## Heating, Ventilation, and Air Conditioning (HVAC)

CIP: 47.0201

**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
<b>1st Semester</b>									
CEC115	Electrical Fundamentals	4	T	\$ 632.00	\$ 108.00	\$ (740.00)		\$ 89.00	\$ 89.00
CEC118	Electrical Fundamentals II	2	T	\$ 316.00	\$ 54.00	\$ (370.00)			\$ -
CEC205	HVAC Fundamentals	4	T	\$ 632.00	\$ 108.00	\$ (740.00)			\$ -
<b>2nd Semester</b>									
CEC120	Heating System Fundamentals	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
CEC126	Advanced Heating Systems	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
CEC123	Advanced Electrical Theory for HVAC	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
CEC110	Safety Orientation/OSHA 10	1	T	\$ 158.00	\$ 27.00	\$ (185.00)	\$ 32.00		\$ 32.00
<b>3rd Semester</b>									
CEC135	Sheet Metal Fabrication I	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
CEC105	Workplace Skills	1	G	\$ 158.00	\$ 27.00				\$ 185.00
CEC207	Heating System Installation	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
CEC215	Intro to Mechanical Refrigeration	4	T	\$ 632.00	\$ 108.00	\$ (740.00)			\$ -
CEC210	EPA 608	1	G	\$ 158.00	\$ 27.00		\$ 25.00		\$ 210.00
<b>4th Semester</b>									
CEC225	Heat Pumps	3	T	\$ 474.00	\$ 81.00	\$ (555.00)	\$ 25.00	\$ 30.00	\$ 55.00
CEC230	Commercial HVAC	4	T	\$ 632.00	\$ 108.00	\$ (740.00)			\$ -
CEC235	Commercial HVAC Lab	4	T	\$ 632.00	\$ 108.00	\$ (740.00)			\$ -
<b>Total Credit Hours</b>		<b>43</b>		<b>Savings to High School Students: \$ 7,585.00</b>					

** 5 Work shirts and 2 pairs of safety glasses	\$65.00
** Gloves (two pairs)	\$24.00
** Program Coursebooks (Printing Costs)	\$30.00
* EPA 608 Certification	\$25.00
* 410A Certification	\$25.00
* OSHA 10 Certification	\$32.00

Estimated Tuition and Fees:	\$ 571.00
Estimated Cost for Textbooks:	\$ 153.00
Estimated Cost for Tools:	\$ -
<b>Total Estimated Out of Pocket:</b>	<b>\$ 724.00</b>

**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: \$153.00