

# CLIMATE & ENERGY CONTROL TECHNOLOGIES (HVAC)

ESTIMATED 2017-2018 COST SHEET

## Post-Secondary Students

Required WorkKeys Scores: Level 5 Applied Math and Level 5 Reading for Information

### CLIMATE & ENERGY CONTROL TECH COURSES

#### Program Courses

CEC105	Workplace Skills	1
CEC110	Safety Orientation/OSHA 10	1
CEC115	Electrical Fundamentals	4
CEC116	Electrical Fundamentals II	1
CEC205	HVAC Fundamentals	4
CEC120	Heating System Fundamentals	3
CEC125	Advanced Electrical Theory for HVAC	2
CEC126	Advanced Heating Systems	3
CEC135	Sheet Metal Fabrication I	3
CEC200	Heat Loads and Duct Sizing	4
CEC121	Heating System Fundamentals II	2
CEC210	EPA 608	1
CEC215	Intro to Mechanical Refrigeration	4
CEC225	Heat Pumps	3
CEC230	Commercial HVAC	4
CEC235	Commercial HVAC Lab	4

**Total Certificate Credit Hours** 44

#### Certifications

Students will be prepared to take the following certificate assessment(s):

EPA 608-Refrigerant Handling Certificate  
410 A Safety Certification  
OSHA 10 – General Industry  
Torque Certification  
Meter Certification  
Basic Commercial HVAC Certification  
Tool Safety Certification

#### Important Notes:

- Enrollment is first-come, first-served.
- Students may apply for the Free Application for Federal Student Aid (FAFSA) to help offset the cost of fees. Financial Aid is available to those who qualify, and have a high school diploma or GED.
- Washburn Tech reserves the right to make adjustments to a student's account as needed (and/or without prior notice) to ensure accurate schedules and/or billing.
- Students may also need to purchase supplies such as (but not limited to) pens and/or pencils, notebooks and/or paper, three-ring-binders, etc. These items are purchased by the student at the vendor of their choice.



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ESTIMATED 2017-2018 COST SHEET

## Post-Secondary Students

### ESTIMATED CHARGES FOR HALF-DAY STUDENTS

Fee/Charge	1 <sup>st</sup> Semester (11 Credits)	2 <sup>nd</sup> Semester (11 Credits)	3 <sup>rd</sup> Semester (11 Credits)	4 <sup>th</sup> Semester (11 Credits)
<b>Enrollment Fee</b> (all students pay to secure their enrollment)	\$50.00	\$0.00	\$0.00	\$0.00
<b>Tuition</b> (\$126.00/credit)	\$1386.00	\$1386.00	\$1386.00	\$1386.00
<b>Materials/Technology Fee</b> (\$18.00/credit)	\$198.00	\$198.00	\$198.00	\$198.00
<b>Uniform/Work Shirts</b> (2 uniforms/shirts)	\$46.00	\$0.00	\$0.00	\$0.00
<b>Shop Supplies</b>	\$700.00	\$196.00	\$817.00	\$100.00
<b>Tool Usage Fee</b>	\$25.00	\$25.00	\$25.00	\$25.00
<b>Certification Fees</b>	\$0.00	\$0.00	\$25.00	\$25.00
<b>Totals</b>	<b>\$2405.00</b>	<b>\$1805.00</b>	<b>\$2451.00</b>	<b>\$1734.00</b>

<b>TEXTBOOKS</b>				
Students will be provided a list of required textbooks, and may purchase textbooks at the Washburn Tech Bookstore or the vendor of their choice.				
<b>Estimated Cost by Semester:</b>	\$133.00- \$177.00	\$0.00	\$230.00- \$308.00	\$180.00- \$240.00

**REQUIRED PPE INCLUDES SAFETY GLASSES AND GLOVES - \$25.00**  
Suggested PPE but not required: Knee pads and warm weather gear.

### ESTIMATED CHARGES FOR FULL-DAY STUDENTS

Fee/Charge	1 <sup>st</sup> Semester (22 Credits)	2 <sup>nd</sup> Semester (22 Credits)
<b>Enrollment Fee</b> (all students pay to secure their enrollment)	\$50.00	\$0.00
<b>Tuition</b> (\$126.00/credit)	\$2772.00	\$2772.00
<b>Materials/Technology Fee</b> (\$18.00/credit)	\$396.00	\$396.00
<b>Uniform/Work Shirts</b> (2 uniforms/shirts)	\$46.00	\$0.00
<b>Shop Supplies</b>	\$1517.00	\$296.00
<b>Tool Usage Fee</b>	\$50.00	\$50.00
<b>Certification Fees</b>	\$0.00	\$50.00
<b>Totals</b>	<b>\$4831.00</b>	<b>\$3564.00</b>

<b>TEXTBOOKS</b>		
Students will be provided a list of required textbooks, and may purchase textbooks at the Washburn Tech Bookstore or the vendor of their choice.		
<b>Estimated Cost by Semester:</b>	\$133.00-\$177.00	\$410.00-\$548.00

**REQUIRED PPE INCLUDES SAFETY GLASSES AND GLOVES - \$25.00**  
Suggested PPE but not required: Knee pads and warm weather gear.