

# HEATING, VENTILATION, AND AIR CONDITIONING TECHNOLOGY, A.A.S. - HVA3

## Requirements

| Courses                                      | Course Title  | Credit Hours |
|--|---|--------------|
| <b>General Education Courses</b>             |   |              |
| ENG 165                                      | Professional Communications   | 3            |
|  | Mathematical Requirement ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )            | 6            |
|  | Elective Social/Behavioral Sciences ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> ) | 3            |
|  | Elective Humanities/Fine Arts ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )       | 3            |
|  | <b>Subtotal</b>   | <b>15</b>    |
| <b>Required Core Subject Areas</b>           |   |              |
| ACR 102                                      | Tools and Service Techniques  | 3            |
| ACR 106                                      | Basic Electricity for HVAC/R  | 4            |
| ACR 108                                      | Refrigeration Fundamentals  | 3            |
| ACR 110                                      | Heating Fundamentals  | 4            |
| ACR 118                                      | Air Conditioning Fundamentals   | 3            |
| ACR 242                                      | Electronic Controls   | 2            |
|  | <b>Subtotal</b>   | <b>19</b>    |
| <b>Other Courses Required for Graduation</b> |   |              |
| ACR 107                                      | Wiring Diagrams   | 2            |
| ACR 131                                      | Commercial Refrigeration  | 4            |
| ACR 140                                      | Automatic Controls  | 3            |
| ACR 150                                      | Basic Sheet Metal   | 2            |
| ACR 175                                      | EPA 608 Certification Preparation   | 1            |
| ACR 201                                      | Troubleshooting and Maintenance   | 3            |
| ACR 206                                      | Advanced Electricity for HVAC/R   | 2            |
| ACR 210                                      | Heat Pumps  | 4            |
| ACR 223                                      | Testing and Balancing   | 3            |
| ACR 224                                      | Codes and Ordinances  | 2            |
| ACR 231                                      | Advanced Refrigeration  | 4            |
| ACR 250                                      | Duct Fabrication  | 3            |
| ACR 252                                      | Special Topics in Air Conditioning & Heating  | 2            |
| COL 103                                      | College Skills  | 3            |
|  | <b>Subtotal</b>   | <b>38</b>    |
|  | <b>Total Hours</b>  | <b>72</b>    |