

# AIR CONDITIONING TECHNOLOGY

What is Air Conditioning Technology?

If you are looking for a way to build technical skills and prepare for a lucrative career, look no further than OCTC's Air Conditioning Technology program.

Our students develop skills through hands-on exercises that complement classroom instruction in heating and air conditioning as well as refrigeration. The growing number of sophisticated climate-control has increased demand for technicians. Students learn to install and repair equipment ranging from small residential units to large commercial systems. Job opportunities are excellent for those with technical training. Businesses and homeowners depend on their climate-control systems and must keep them in good working order, regardless of economic conditions.



## Job Outlook

Heating and air conditioning mechanics, technicians and installers are in high demand. Employment of heating, air conditioning, and refrigeration mechanics and installers is expected to grow 34 percent from 2010 to 2020. In Kentucky, the average salary in this field is \$39,026\*. Wages vary according to experience, training and area of specialization.

\*Source: Kentucky Labor Market Information



Community & Technical College

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## Classes Offered

### First Semester

	Credit Hours
ACR 100 Refrigeration Fundamentals	3
ACR 101 Refrigeration Fundamentals Lab	2
ACR 102 HVAC Electricity	3
ACR 103 HVAC Electricity Lab	2
Electives	3

### Second Semester

ACR 250 Cooling & Dehumidification	3
ACR 251 Cooling & Dehumidification Lab	2
ACR 130 Electrical Components	3
ACR 131 Electrical Components Lab	2
Electives	3
General Education	3

### Third Semester

ACR 260 Heating & Humidification	3
ACR 262 Heating & Humidification Lab	2
ACR 270 Heat Pump Application	3
ACR 271 Heat Pump Application Lab	2
ACR 298 Practicum	2
Electives	3

### Fourth Semester

ACR 170 Heat Load/Duct Design	3
Electives	3
General Education	9

### Summer Term

General Education	6
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If you would like to develop or enhance your skills and want additional information contact Larry Stone at 270.686.4476 or [larry.stone@kctcs.edu](mailto:larry.stone@kctcs.edu).

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