

# HVAC Excellence Heating, Electrical, Air Conditioning Technology (H.E.A.T.)

**Aligned Program of Study:** Mechanical, Electrical, & Plumbing (MEP) Systems

**Aligned Course:**

- HVAC (6077)

## Description

The Heating-Electrical-Air Conditioning Technology (H.E.A.T.) examination is an end of program assessment developed specifically for secondary HVAC students. Two versions of the exam are available to accommodate geographic differences. One places more emphasis on gas heat and the other places more emphasis on oil heat. The 100 question, multiple choice examination covers:

- Electrical theory
- Electrical safety
- Electrical components
- Fundamental motors and capacitors
- electrical troubleshooting
- Interpreting electrical diagrams
- Electrical meter usage
- Air conditioning and refrigeration theory
- Air conditioning systems and components
- Air conditioning equipment service
- Air conditioning troubleshooting
- Refrigerant flow control theory and application
- Heating systems and components
- Combustion theory and heating fuels
- Heating safety
- Furnace installation and service
- Furnace troubleshooting
- Safety

## Materials and Resources

More information is available online at <http://www.hvacexcellence.org/Heat.aspx>.

## Testing Sites

Tests are taken online or by paper at the school and must be given by a proctor following HVAC Excellence guidelines.

## Test Owner and Registration

HVAC Excellence  
Post Office Box 491  
Mount Prospect, IL 60056  
Phone: (800) 394-5268  
Fax: (800) 546-3726

## Registration Procedures

Schools should begin by calling HVAC Excellence to request a proctor application. After selecting a proctor and completing the application, HVAC Excellence will provide the school with information about pricing. The exam may be administered as a paper test or as an online test at the school. The online test is available at a lower cost than the paper test. The online test provides the school with immediate test results.

<b>Website</b>	<a href="http://www.hvacexcellence.org/Heat.aspx">http://www.hvacexcellence.org/Heat.aspx</a>
<b>Number of Questions</b>	100
<b>Type of Questions</b>	Multiple choice
<b>Length of Test</b>	Unknown
<b>Passing Score</b>	Unknown
<b>Price</b>	\$20 per student