

# AIR CONDITIONING REFRIGERTION

## MTEC 2020 Air Conditioning and Refrigeration

### EPA Universal Certification + Intro to AC

This Four day air conditioning course will cover the basics of A/C. Students will earn EPA Certification upon successful completion of the class. It is helpful (but not required) to have basic knowledge of electricity before taking this class.

The course provides hands-on training in the following areas:

- Refrigerant Handling
- Brazing and Flaring
- EPA Certification
- Proper Tool Use & Care
- Preventative Maintenance
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Tools are NOT required for this class.

### Refrigeration + Troubleshooting

This 5 day course consists of in-depth training in A/C, and Refrigeration Installation & Service. Students will receive hands-on training in the following areas.

1. Electrical Controls & Wiring
2. Electric Motors & Compressors
3. Air Flow & Measurement
4. Refrigeration
5. Troubleshooting
6. Super Heat & Sub Cooling
7. Charge & Evacuate

(Please Note):

Students enrolling in both parts of this course receive priority placement over those registering for only one part. This ensures that the highest number of students possible can attend the advanced training opportunities at MTEC throughout the year, allowing us to continue to strengthen Maine's energy industry workforce. It is helpful to have skills in basic electricity prior to taking these courses, as they include extensive electrical controls training; but experience is not necessary.

#### Required Tools for Refrigeration + Troubleshooting

- 8" and 10" Adjustable Wrench
- Combination Wrenches-Metric & SAE
- Flaring Tool, Tubing Cutter
- Flashlight
- Highlighter
- Insulated Linesman
- Insulated Pump Pliers
- Measuring Tape
- Pocket thermometer
- Refrigerant Gloves, Safety Glasses
- Allen Wrenches: 7/16" through 1/8" - Metric & SAE
- Side Cut Pliers
- Six in One (1/4" by 5/16") Screwdriver
- Torpedo Level
- Utility Knife or Leatherman
- Torx Bits

# REGISTRATION

## MTEC 2020 HVAC Air Conditioning and Refrigeration

### EPA Certification + Intro to AC

Day: M-F ; 7:30AM-3:00PM

- \$895 Member
- \$995 Non-Member
  
- Mar 3 - Mar 6
- May 5 - May 8
- Aug 31 - Sep 3
- Oct 8 - Oct 13
- Dec 1 - Dec 4

### Refrigeration + Troubleshooting

Day: M-F ; 7:30AM-3:00PM

- \$1,000 Member
- \$1,100 Non-Member
  
- Mar 9 - Mar 13
- May 11 - May 15
- Sep 4 - Sep 11
- Oct 14 - Oct 20
- Dec 7 - Dec 11

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ D.O.B: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Sponsoring Company (if applicable): \_\_\_\_\_

Company Contact: \_\_\_\_\_

Company Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

### Additional Student Information

Are you currently employed?    Y    N

If yes, Company Name: \_\_\_\_\_ Location: \_\_\_\_\_

How did you hear about MTEC? (Circle all that apply)

Radio    TV    School    Employer    Word-of-mouth    Career Center    VA office    Other:

[mtecenter.com](http://mtecenter.com) | 207.729.5298 | 25 Greenwood Rd, Brunswick, ME 04011

# PAYMENT

## MTEC 2020 AIR CONDITIONING & REFRIDGERATION

### Registration + Refund Policy

A \$100 non-refundable registration fee is required to register. Enrollment will not be processed until this registration fee is received.

100% of tuition is due fifteen (15) business days prior to the first day of class. Requests for refunds must be made no later than fifteen (15) business days prior to the first day of the course. Requests for refunds made within fifteen (15) business days of the first day of the course WILL NOT BE HONORED.

Transfers requested prior to fifteen (15) business days of the first day of a course will be permitted with no penalty.

MEMA Technical Education Center has a maximum and a minimum number of students it will serve per class. If the minimum is not achieved, all funds paid will be refunded. If the maximum number is achieved, no further registrants will be accepted. All registrations are on a first-come first-serve basis.

### Payment Options

Check  Credit Card  Money Order  VA/ Career Center Sponsor  Please Invoice

Card: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Code: \_\_\_\_\_

Name on Card: \_\_\_\_\_

I have read and acknowledge the Registration/Refund policy and deadlines as stated:

Signed by: \_\_\_\_\_ Date: \_\_\_\_\_

PLEASE REMIT TO MEMA/MTEC 25 Greenwood Road, Brunswick, Maine 04011



**MEMA TECHNICAL  
EDUCATION CENTER**