

ASHRAE – PHILADELPHIA CHAPTER

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC. PHILADELPHIA CHAPTER

BASIC HVAC SYSTEM DESIGN COURSE

ON-LINE FORMAT STARTING IN FALL 2020

Classes will meet Tuesdays and Thursdays from 6:15 PM to 8:30 PM beginning in October and continuing until the middle of March.

All classes in October, November, and December will be provided in a virtual format. Classes will remain on-line until further notice. Students are responsible for their own devices and internet connection.

If in-person instruction can resume at some point in 2021, classes would be held in Center City Philadelphia. Students would be responsible for transportation and parking costs.

This is a demanding one-year course that introduces students to the fundamentals of HVAC design.

2020-2021 Course Subjects Include:

Fundamentals and Psychrometrics
Load and Heat Transfer Fundamentals
Load Calculations
Pumps, Piping & Piping Systems
Basic Steam & Boilers
Fans, Air Distribution & Duct Design
Refrigeration
Controls & Instrumentation
Equipment Selection

The class is a great way to further, or even begin, a career in HVAC.

The Basic Class tuition is \$1,200 (\$1,000 for ASHRAE Members who have paid both their National and Philadelphia Chapter dues). Tuition includes all course materials.

Class size is limited to 30 students. To enroll, complete and submit the application including a **non-refundable** deposit of \$200 payable to “Philadelphia Chapter ASHRAE”. Balance due at first course session.

If you would like to enroll or receive further information, please contact:

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