ASHRAE
PHILADELPHIA CHAPTER

BASIC HVAC SYSTEM DESIGN COURSE

COURSE WILL BE COMPLETELY ON-LINE

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

Classes will be in **virtual format** (live Zoom sessions). Students are responsible for their own devices and internet connection.

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

2023-2024 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".

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

Hope Silverman
Philadelphia Chapter ASHRAE
994 Old Eagle School Road, Suite 1019
Wayne, PA 19087-1866
Phone 610-971-2169
Fax 610-971-4859
E-mail: hope@mmco1.com
Web site: www.ashraephilly.org