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**Your  
educational  
resource!**

# Greenheck's Virtual HVAC University



HVAC University, Greenheck's popular training program designed for engineers, will be temporarily offered in a virtual format.

- Several one hour classes will be offered each week.
- Live sessions led by Greenheck industry experts.
- Classes incorporate interactive, multimedia to enhance your learning experience.
- Learn about HVAC trends, applications, changing codes and standards.
- Each class event qualifies for one professional development hour (PDH) credit.



To view the class schedule visit [greenheck.com/HVACU](http://greenheck.com/HVACU). Contact your Greenheck representative to register for classes today!

 **GREENHECK**  
*Building Value in Air.*

## Choose from these courses and more. Earn one Professional Development Hour per session.



Achieve your potential.

### Increasing Design Efficiency Using Software

This course discusses how to be more efficient in the design process using Greenheck's software. It covers three major software; eCAPS®, CAPS®, and Revit® integration. Included is a demonstration on how to size, apply, specify, schedule and generate AutoCAD® or Revit drawings for fans, energy recovery, packaged rooftop units, louvers, and dampers. Energy recovery payback analysis and other time-saving features are included.

### Air-to-Air Energy Recovery

This course discusses the benefits of air-to-air energy recovery applied to ventilation systems and energy recovery technology (devices), pros and cons of available technology, psychrometrics, payback analysis, and the latest energy standards and code mandates.

### HVLS Fan Design, Application, and Specification

This course covers the proper selection and specification of high volume, low speed (HVLS) fans for different applications. An overview of HVLS performance testing, performance data, safety and industry standards is included.

### Kitchen Ventilation Systems: Meeting Codes and Standards

Based on good kitchen design principles, this course focuses on products and concepts that promote energy efficient kitchen ventilation design. The value of demand ventilation (variable volume) systems and strategies regarding the application and selection of the right system configuration for various applications is discussed.

### Make-up Air Ventilation

This course discusses make-up air systems used in commercial kitchens and industrial applications. Topics include heating and cooling technologies, energy reduction strategies, direct and indirect gas heating technology, controls, UL requirement for cooling in kitchens, demand-based ventilation for saving energy, processing make-up air, and building pressurization.

### Laboratory Fume Exhaust

This course is aimed at familiarizing participants with the basics of laboratory ventilation and emphasizing the importance of codes and standards for laboratory design. AMCA's Induced Flow Ratings Seal will be explained along with a discussion on airflow measurement and controls.

### Conditioning High Percentages and 100% Outdoor Air

This course discusses common HVAC systems found in commercial and institutional applications and the methods used to condition high percentages of outdoor air with an overview and comparison of single-zone variable air volume (SZVAV), multi-zone variable air volume (VAV) and dedicated outdoor air systems (DOAS).

### Energy Codes and Their Impact on Fan Selection

This course will introduce fan energy efficiency metrics and how they are used for compliance with building and energy codes such as ASHRAE 90.1. Recent activities and future changes to efficiency metrics will be presented, providing up-to-date information needed for proper fan selection to minimize energy consumption.

### Life Safety Dampers

Developed to provide basic information on life safety dampers, this course discusses fire, fire smoke, smoke, and ceiling radiation dampers and their UL testing requirements, application, and installation. Ease-of-use methods for installation as well as control options that can be supplied for life safety dampers will be presented.



Visit [greenheck.com/HVACU](https://www.greenheck.com/HVACU) for more information.