

## TRACE 700 Building Set Up & Load Design

Welcome to our fast paced course that will jump straight into creating the building in TRACE 700 for Load Design.



### Building Set Up Case Study

Do you want to learn TRACE 700 Fast? Quickly get your hands dirty with this step-by-step guide. It's based on a real building and real specifications - we model an example building from the downloadable specifications. Follow along step by step as we prepare and simplify the building for energy analysis. The course is broken into chapters allowing you to easily skip the items you already know and replay your favorite segments.

- Introduction
- Create New File
- Templates
- Construction
- Airflow
- Internal Load
- Create Rooms - Setup
- Initial Setup
- Quick Run Through
- Restroom Exhaust
- Second Floor
- Component Tree View
- Create Systems
- Important Ventilation Inputs
- Create Plants
- Heat Pump Setup

### Details



Unlimited  
Online Access



Watch in-depth  
Video Instruction  
on your own time



For: Auditors, LEED,  
Architects,  
Materials & Equipment  
Sales,  
Engineers, Building  
Professionals

# Load Design Energy Analysis

- LEED vs. Load Design Modeling
- Prep for Energy Analysis
- Weather Schedules
- Starting the Load Design File
- Setting Up TRACE 700 Schedules
- Applying Schedules to TRACE 700 Templates
- Thermal Blocks
- Creating Thermal Blocks in TRACE 700
- Resizing Dimensions after Creating Thermal Blocks
- Adding People to the Model
- Glass in TRACE
- Setting Up Equipment
- VAV Systems in TRACE
- Plant Setup
- Boiler Information
- Domestic Hot Water (DHP) in TRACE 700
- Lighting
- TRACE 700 Rate Structures
- Implementing Rates
- Heated Only Systems Std. 90.1
- TRACE 700 Simulation and Outputs
- System Checksums
- Thermodynamically Similar