



**Class Name**  
Right-Suite™ Universal  
Residential Training

**Class Description**  
2-day training program that teaches you how to use Right-Suite™ Universal for load calculations, design and proposals.

**Class Mission**  
Enable individual to use RSU to design residential HVAC systems

## CLASS OUTLINE

**Notes:** This class will be conducted using ACCA Manual J 8th Ed. (Right-J™) and ACCA Manual D (Right-D®) calculation methods.

### DAY ONE:

#### 1. Overview of Right-Suite™ Universal

- A. The power of a single universal HVAC design tool
- B. Designing, selling, and costing a job
- C. The Approach: Replacement vs. new construction
- D. Time Savers: Templates, libraries, wizards, and the Navigator Bar
- E. Calculation options

#### 2. Template Wizard

- A. Designer information
- B. Design conditions and building description
- C. System and distribution preferences
- D. Report packages
- E. Saving a template

#### 3. Project Wizard

- A. Customer and job information
- B. Reviewing and changing default settings
- C. Verifying project information
- D. Saving a project

#### 4. Familiarizing Yourself with Right-Draw®

- A. The "Preflight Checklist"
- B. The HVAC Shapes™
- C. Property sheets
- D. Block load example

#### 5. Working Smarter in Right-Draw

- A. Drawing non-rectangular shapes
- B. Duplicating drawing objects
- C. Notation tips

#### 6. Practical Application: Room-by-Room Design

- A. The "Assembly Line" approach
- B. Focusing on the corners
- C. Hands-On Design: First Floor
- D. Grouping objects and global changes
- E. Additional Floors
- F. Hands-On Design: Bonus Room

#### 7. Zoning and Equipment Selection

- A. Air vs. hydronic systems
- B. Variable air vs. equipment zones
- C. Screens affected by zoning
- D. Load evaluation
- E. Selecting the equipment

#### Day One Optional Material:

Cost comparisons

### DAY TWO:

#### 1. Review

- A. Opening and saving files
- B. Setup wizards and libraries
- C. Right-Draw basics

#### 2. Additional Right-Draw Features

- A. Using an AutoCAD file
- B. Catalog items
- C. Drawing Q&A

#### 3. Air Distribution

- A. Setting the system CFM
- B. Static pressure settings
- C. Friction rate calculations

#### 4. Duct Library

- A. Calculation preferences
- B. Duct types
- C. Duct size schedules
- D. Register details
- E. Fitting types

#### 5. Connecting the Dots: Duct Design in Right-Draw

- A. Selecting register locations
- B. Balancing supply and return air
- C. Setting register sizes and materials
- D. Hands-On Design: One-Level Duct System
- E. Bending flex duct and using flex ends
- F. Creating and using vertical duct
- G. Hands-On Design: Multi-Level Duct System

#### 6. Editing a Duct System

- A. Repositioning the trunk
- B. Changing duct and fitting materials
- C. Changing notation for an installer-ready design

#### 7. Sales and Proposal

- A. Using an automated, customized proposal
- B. Bill of materials and parts takeoff
- C. Parts library
- D. Overview of parts mapping
- E. Overview of the Excel import