

# MICROCAD<sup>®</sup>

## Training & Consulting

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Phone 617-923-0500 [www.microcad3d.com](http://www.microcad3d.com)



## RM102

# Revit MEP: Mechanical Essentials

<b>Course Length</b>	2 days
<b>Schedule</b>	9:00am – 4:00pm
<b>AIA CEUs/PDHs</b>	15
<b>Price</b>	\$745 per person

### Prerequisites

No previous CAD experience is necessary. Students should have a working knowledge of MEP engineering principles and Microsoft<sup>®</sup> Windows<sup>®</sup> XP or Microsoft<sup>®</sup> Windows<sup>®</sup> 2000.

### Designed for

The course is designed for new users of Revit MEP.

### What you get

Autodesk Official Training Courseware, an industry recognized Autodesk Authorized Training Center Certificate of Completion, extended telephone support for 90 days, and all the knowledge to get you started with Revit MEP.

### Notes:

*The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.*

*All classes will be taught on the most current release, depending on availability of courseware.*

### Course Plan

The primary objective of this course is to teach students the concept of building information modeling and introduce the tools for parametric engineering design and documentation using Revit MEP 2010. Students learn about building information modeling and the tools for parametric MEP systems design and documentation. The course begins teaching the fundamental features of Revit MEP 2010, and then progresses through schematic design, system analysis, and construction documentation before finishing with design visualization.

### Topics Covered

- Building Information Modeling
- Revit MEP Basics
- Viewing the Model
- Starting a New Project
- Defining Volumes
- Heating and Cooling Load Calculations
- HVAC Systems
- Working with Architects and Engineers
- Detailing and Drafting
- Annotations and Schedules
- Construction Documentation

Group rates and onsite training available

Main office and Watertown training center 617-923-0500

For a current class schedule, please visit [www.microcad3d.com](http://www.microcad3d.com)

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