

TRAINING COURSE OUTLINE



topconsolutions.com/training

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REVIT® ELECTRICAL ESSENTIALS

Learn the essential functionality of Revit Electrical with this hands-on 3-day course. The instructor will teach students how to navigate, create schedules, details, legends, and create a construction document set. Students will learn how to place electrical equipment, lighting fixtures, component devices and model conduit in 3D. Additionally, students will learn how to define spaces for electrical loads and lighting calculations, create panel schedules, create power and switch systems, and then analyze the resulting circuits.



Course Dates: June 4-6

Getting Started

- Overview of interface
- Navigating, viewing and selection methods

Creating Electrical Element Basics

- System elements: Cable tray and conduit
- Using loadable components
- Working with ceilings

Modifying Building Elements

- Changing element properties
- Move, copy, rotate and align elements

Working with Architects & Engineers

- Starting a new project
- Linking Revit projects
- Monitoring changes in linked files

Creating Views of the Model

- Duplicating views
- Managing view display
- Adding callouts
- Creating elevations
- Creating sections

Schedules and Annotation

- Creating quantity schedules
- Working with text and dimensions
- Adding tags

Construction Documents

- Creating legends
- Setting up sheets
- Controlling views on sheets

Details

- Creating model-based details
- Creating Drafting View-based details
- Working with AutoCAD drawings

Electrical Circuits

- Understanding systems
- Viewing systems
- Troubleshooting circuits
- Analyzing systems
- Electrical settings & wire sizes
- Creating circuits
- Creating switch systems
- Panel schedules

Electrical Modeling

- Adding light fixtures
- Adding electrical equipment
- Placing switches, junction boxes and receptacles
- Understanding connectors
- Understanding routing preferences
- Modeling conduit
- Modeling cable tray
- Wire connections in a circuit

Spaces

- Understanding spaces
- Creating spaces
- Managing spaces

Prerequisite: None

Course Length: 3 days

Course Cost:

Free to NECA Cascade Chapter members

For registration contact:

(425) 258-2644

caseya@necacascade.org

Training Held:

Tuesday – Thursday

6/4/2019 – 6/6/2019

8:30am – 4:30pm

Location:

315 S 3rd Street, Ste 200
Mount Vernon, WA 98273

Limited class size - 12 students maximum. Register NOW to reserve your spot!