

Ecotect Analysis and Green Building Studio



Duration | 2 Days

Description:

Autodesk Ecotect Analysis and Green Building Studio offer powerful sets of environmental analysis tools that can help you make more informed sustainable design decisions in minutes. Take advantage of what Building Information Modeling (BIM) has to offer and learn how to efficiently use your Revit model in Ecotect and Green Building Studio to produce meaningful data about your green building project displayed in a clear, vibrant, graphical format.

Prerequisites:

Participants should have a basic understanding of the fundamentals of Revit Architecture.

Objectives:

The primary objective of this course is to learn how to use a Revit model as the foundation for environmental analysis in Ecotect and Green Building Studio. Class participants will work with an existing model in Revit and learn best practices for successfully exporting its geometry into Ecotect Analysis. We will then explore some of Ecotect and Green Building Studio's functionality by performing whole building energy analysis, daylighting, site, and sun/shadow calculations.

Course Outline:

Introduction to Ecotect

- Defining SBIEM models
- Analyzing the Revit model
- Volumetric Computations
- Rooms Schedules + Sections
- Managing complex Geometry

Revit to Ecotect

- Defining relevant file formats
- DXF Export
- GBXML Export
- Warnings
- Rooms/Zones
- Analytical Surfaces

Training Facilities

Virginia Beach, VA
Richmond, VA
Roanoke, VA

Inlet Technology

192 Ballard Court
Suite 306
Virginia Beach, VA
23462

Ph: 757.496.2323
Fax: 757.496.2424

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Ecotect Interface and Features

- Zones
- Planes
- Nodes
- Manipulation
- Visibility

Importing Revit

- Managing Rooms
- Elements
- Materials
- Analyzing Geometry

Analysis Grid

- Displaying and Defining
- Grid Management
- Fitting Grid to Objects
- Adjusting Grid Extents
- Manipulation of Grid Shape

Locating your Project

- Setting the Date and Time
- Finding Weather files
- The Weather Tool

Performing Analysis

- Working with the Calculation Wizard
- Lighting Analysis
- Visual Impact Studies
- Sun Path Diagrams
- Shadow Analysis

Green Building Studio

- Introduction
- Setting up a project
- GBS interface
- Performing a Baseline Calculation
- Using Design Options
- Understanding the Results

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Inlet Training Class Registration Form



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Customer Information

Company _____
Address _____
City _____ State _____ Zip _____
Primary Contact _____
Telephone _____ eMail _____

Training Class Information

Class Name _____
Class Start Date _____ Duration (# of days) _____
Student 1 _____ eMail _____
Student 2 _____ eMail _____
Student 3 _____ eMail _____
Student 4 _____ eMail _____
Student 5 _____ eMail _____
Student 6 _____ eMail _____
Student 7 _____ eMail _____
Student 8 _____ eMail _____
Student 9 _____ eMail _____
Student 10 _____ eMail _____

Payment Information

CREDIT CARD

Type (Circle One) Visa Mastercard American Express
Credit Card Number _____
Expiration Date _____ 3-4 digit Verification Code _____
Name on Card _____ Amount to be Charged \$ _____
Billing Address _____

CHECK

Check Number _____ Amount \$ _____

PURCHASE ORDER

PO Number _____ Amount \$ _____
Purchasing Contact _____ Telephone _____
e-Mail _____

NOTE: Please fax copy of PO with Registration Form

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