

ATC Training: **Autodesk MapGuide 2010 Enterprise & Studio Essentials**

Courseware Description

In this courseware, students learn about the main features and functions of the Autodesk MapGuide® Enterprise 2010 product suite, including the following:

- Ø Autodesk MapGuide Enterprise Server 2010
- Ø Autodesk MapGuide Enterprise Web Extensions 2010
- Ø Autodesk MapGuide Studio 2010
- Ø Autodesk MapGuide Viewers 2010

The hands-on exercises in this course teach students about the features and benefits of each product. The course teaches students about the concept of managing multiple web-based products that are under development. The courseware introduces students to PHP development with Autodesk MapGuide API 2010. No programming is performed during the class.

Objective

The primary objective of this course is to teach students about the main features and functions of the Autodesk MapGuide Enterprise 2010 product suite.

After completing this course, students will be able to:

- Ø Describe the MapGuide Enterprise 2010 (Server, Studio, and Client Viewer) components and architecture, which includes supported operating systems, development environments, and Viewer options.
- Ø Install and configure MapGuide Enterprise Server 2010, using Microsoft® Windows® XP and IIS, in order to enable the MapGuide solution.
- Ø Use simple application examples based on a variety of data sources that can be used to illustrate the functionality of the MapGuide Enterprise 2009 solution within a typical environment.

Prerequisites

Before using this courseware, students should have working knowledge of the following:

- Ø GIS and programming principles.
- Ø The Internet and its architecture.
- Ø AutoCAD® Map 3D.
- Ø Microsoft® Windows® XP.

Course Code: EM0615_MGE2010ESS

Course Duration: 2 days

File Name: TRN_AIT_ATC_MGE2010_Essentials_140909_dg_v1

Date: 14 September 2009

ATC Training: **Autodesk MapGuide 2010 Enterprise & Studio Essentials**

.....Continued

Course Outline

Introduction to Autodesk MapGuide Enterprise 2010

- Ø Introduction to Autodesk MapGuide Server 2010
- Ø Introduction to Autodesk MapGuide Studio 2010
- Ø Feature Data Objects: FDO

Autodesk MapGuide Enterprise Server 2010

- Ø Installation
- Ø Server Configuration

Autodesk MapGuide Studio 2010

- Ø Data Connections
- Ø Data Loading
- Ø Layer Creation
- Ø Map Creation

Web Layouts

- Ø Basic Web Layouts
- Ø Flexible Web Layouts

Application Development

- Ø Development Language Options
- Ø Web Server Extensions API
- Ø FDO, Viewer, and Studio API
- Ø Integrated Development Environments

Report Development

- Ø Developing Reports with PHP

Scalability

- Ø Server Performance
- Ø Studio Performance
- Ø Data Performance

Native Google Earth Support

- Ø Native Google Earth™ Support

Note: The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.

AIT Spatial Workshops

As an alternative to the standard ATC course, AIT Spatial are also able to provide an Autodesk MapGuide Enterprise Workshop covering a selection of those topics listed above. If you are interested in undertaking an Autodesk MapGuide Enterprise Workshop, please contact us and we can discuss your bespoke requirements.