



AUTODESK INFRAWORKS TRAINING

Objectives

In this 2-day training session, the trainees will learn the tools to explore the InfraWorks environment, generating a base model from various data, creating new design concepts as well as presenting your design in real-3D animations. Simple analysis tools will be covered as well such as measuring the model, analyzing terrain, applying themes, lighting and shadow, project costing and finally creating a compelling storyboard for presentations.

Training Programme Day 1

Chapter	Topic	Duration	Time
Chapter 1	Exploring the InfraWorks Environment <ul style="list-style-type: none"> • User Interface • Navigating the model • Creating and using Bookmarks 	2-Hour	09.00 AM-11.00 AM
Chapter 2	Generating a Base Model <ul style="list-style-type: none"> • Understanding Coordinate Systems • Creating a New Model via Model Builder • Importing and configuring ground imagery • Importing terrain data 	2-Hour	11.00 AM-01.00 PM
Chapter 3	Creating New Design <ul style="list-style-type: none"> • Working with Proposals • Modeling and editing proposed Roads • Importing and configuring Buildings • Modeling and editing proposed Bridges and Tunnels 	2-Hour	02.00 PM-04.00 PM
Chapter 4	Adding Detail to Model <ul style="list-style-type: none"> • Modeling trees and water features • Modeling barriers and street furniture • Modeling underground services and utilities 	1-Hour	04.00 PM-05.00 PM

Training Programme Day 2

Chapter	Topic	Duration	Time
Chapter 5	Analysing the Design <ul style="list-style-type: none"> • Generate simple profile/long-sec for proposed roads • Terrain statistics and themes • Generating simple project costing 	2-Hour	09.00 AM-11.00 AM
Chapter 6	Presenting the Model <ul style="list-style-type: none"> • Working with Visualisation Options and Effects • Working with Sun and Sky settings • Applying Camera Path animations • Authoring Storyboards • Exporting Storyboards to Video Format 	2-Hour	11.00 AM-01.00 PM
Chapter 7	Sharing the Model via Cloud Services <ul style="list-style-type: none"> • InfraWorks Groups • Publishing and synchronizing models • Sharing model/design scenarios • Collaborating with Autodesk Civil 3D, Autodesk Revit and Autodesk NavisWorks 	3-Hour	02.00 PM-05.00 PM