

AUTODESK AUTOCAD CIVIL 3D



SII-252 5 Days (35 Hours)

Description

This training aims to take into account the tools for designing infrastructure projects. Accelerate your design operations, optimize the performance of your projects.

Who is this training for ?

For whom

Civil engineering professionals, public works engineers, designers and planners in land use planning.

Prerequisites

Aucune

Training objectives

- Realization of practical cases, allowing all of the points discussed to be applied

Training program

L'environnement de travail

- Interfacing latest version
- Prospector and settings
- Visualization of objects in 3D

Conception d'infrastructures

- 3D project design (improved)
- Pressure pipeline networks (improved)
- Under gravity pipeline networks (improved)
- Talus
- Plot design
- Bridge modeling (Autodesk Bridge Module)
- Geotechnical modeling
- Representation of railway tracks
- Modeling a 3D road project
- Creation and modification of assemblies for a simple 3D project.
- Creation of surfaces on a 3D project.
- Sections and materials
- Creation and modification of cross sections, section views.
- Calculation of material volumes per section.

Dessin et documentation dans le domaine du génie civil

- Execution plans (improved)
- Map production
- Reports and tables

Topographie GPS et collecte des données

- Area modeling
- Creating basemaps
- Capturing real-world information (improved)

Visualisation et analyse

- Geospatial analysis
- Visual analysis
- Rivers and flood analysis
- AutoCAD Civil 3D and 3ds Max

Collaboration

- AutoCAD Civil 3D with InfraWorks 360 new
- IFC Export NEW
- Import and export AutoCAD solids in IFC file format.
- AutoCAD Civil 3D with Vault Professional
- AutoCAD Civil 3D and Navisworks
- AutoCAD Civil 3D with Revit Structure
- Backward Compatibility
- Collaboration cloud-based
- Data shortcuts and references (improved)