



(A Venture of Chandigarh ETC Services Pvt. Ltd.)

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Website : www.citcchandigarh.com

Course Syllabus: Certificate in AutoCAD Civil 2D, 3D

Batch Name: AutoCAD Civil 2D, 3D

Eligibility: 10th

Course Start: 1st of Every Month

Course Duration: 90 Hours

Courses / Modules Paper

Module 1:

Paper 1
AutoCAD Civil

Module 1:

Paper 1: AutoCAD Civil

1: AutoCAD Civil 3D Interface

- 1.1 Product Overview
- 1.2 AutoCAD Civil 3D Workspace
- 1.3 AutoCAD Civil 3D Interface
- 1.4 AutoCAD Civil 3D toolspace
- 1.5 Templates, Setting & Stages

2: Parcels

- 2.1 Lines & Curves
- 2.2 Introduction to Parcels
- 2.3 Creating & Editing Parcels
- 2.4 Re-numbering Parcels
- 2.5 Parcels Report
- 2.6 Parcels Labels
- 2.7 Parcels Tables

3: Survey

- 3.1 Survey Work Overview
- 3.2 Introduction to Survey Toolspcae
- 3.3 Survey Figures
- 3.4 Point Overview
- 3.5 Point Settings
- 3.6 Create Points
- 3.7 Descriptive Key Sets
- 3.8 Point Groups
- 3.9 Reviewing & Editing Points
- 3.10 Point Reports

4: Surfaces

- 4.1 Surfaces Process
- 4.2 Surface Properties
- 4.3 Counter Data
- 4.4 Other Surface Data
- 4.5 Breaklines & Boundaries
- 4.6 Surface Editing
- 4.7 Surface Properties
- 4.8 Surface Analysis Tools
- 4.9 Surface Labels
- 4.10 Surface Volume Calculations
- 4.11 Surface Analysis Display

5: Alignments & Profiles

- 5.1 Roadway Design Overview
- 5.2 AutoCAD Civil 3D Sites
- 5.3 Alignment Introduction
- 5.4 Alignment Layout Tool
- 5.5 Alignment Properties
- 5.6 Labels & Tables
- 5.7 Profile Overview
- 5.8 Create a Profile View Style
- 5.9 Create Profile From Surface

- 5.10 Create Profile From Wizard
- 5.11 Create & Edit Profiles

6: Corridors & Gradings

- 6.1 Creating a Corridor
- 6.2 Corridor Properties
- 6.3 Corridor Review & Edit
- 6.4 Grading Overview
- 6.5 Feature Lines
- 6.6 Grading Tools
- 6.7 Modifying Gradings

7: Pipe Networks

- 9.1 Pipe Overview
- 9.2 Pipes Configuration
- 9.3 Create Network From Objects
- 9.4 Network Editing
- 9.5 Annotating Pipe Network
- Pressure Pipe Network

8: Quantity Take

- 8.1 Off/ Sections
- 8.2 Ample Line Groups
- 8.3 Section Volume Calculations
- 8.4 Pay Items
- 8.5 Section Views

9: Plan Production

- 9.1 Plan Production Tools
- 9.2 Plan Production Objects
- 9.3: Plan Production Object Edits
- 9.4 Creating Sheets
- 9.6 Sheets Sets