COURSE SYLLABUS

Civil 3D Certification Course (Self-Paced)

Enhance your intermediate-level Civil 3D skills and prepare for the Autodesk Certified Professional in Civil 3D for Infrastructure Design exam with hands-on training and advanced techniques in civil engineering design.

Group classes (Live Online) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/civil-3d-previous-experience-bundle



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Course Outline

This package includes these courses

- Intermediate Civil 3D: Surveying and Mapping (Self-Paced) (30 Hours)
- Intermediate Civil 3D: Transportation Design (Self-Paced) (30 Hours)
- Intermediate Civil 3D: Land Development (Self-Paced) (30 Hours)

Intermediate Civil 3D: Surveying and Mapping (Self-Paced)

In this course you will learn to create, label, and organize survey points, prepare description key sets and linework code sets, import survey data, create and subdivide parcels, and build and edit TIN surfaces.

- Create, label, and organize points into point groups
- Prepare description key sets, linework code sets, and figure prefix databases
- Import survey data, then create and subdivide parcels
- Modify parcel display styles and label parcel areas and segments
- Create, label, and edit TIN surfaces and their definitions

Intermediate Civil 3D: Transportation Design (Self-Paced)

In this course you will become familiar with alignments, surface profiles, design profiles and view windows, assemblies, corridors, intersections, sample lines, cross sections, and 3D visualization.

- Create and label multiple types of alignments
- Develop surface and design profiles
- Adjust profile view windows
- Build corridors with the required sub-elements and create a cul-de-sac
- Create an intersection corridor and create sample lines along a corridor
- Display cross sections
- Visualize a roadway in a 3-dimensional drive-through

Intermediate Civil 3D: Land Development (Self-Paced)

In this course you will build drawing template files, utilize data shortcuts, work with feature lines, learn about site interactions, create grading groups, lay out pipe networks, and draft pressure networks.

- Create multiple Civil 3D object and label styles
- Develop a custom drawing template file
- Manage data shortcuts
- Create and edit feature lines and grading groups
- Learn about pipe and pressure parts catalogs
- Lay out and annotate pipe and pressure networks
- Create a custom drawing sheet