

Autodesk Civil 3D Template Setup Training Course

Course Length: 16-Hours*

- 16-Hours (8 x 2-Hour Sessions) Training*
- Delivered remotely over MS Teams
- Sessions are recorded and download links are provided after each session for your future use and reference.
- Pricing is based on 1-3 people.
- Volume Discounts apply for 5+ people.
- Training is usually broken up into 2 or 4-hour sessions in the morning and flexible (i.e. consecutive or Monday, Wednesday, Friday, etc.)
- Training sessions can start within 14 days of booking
- Courses are private and topics can be customised to suit

*Training may go over 16-hours depending on requirements and can be determined prior to commencement

The Autodesk Civil 3D Template Setup Training Course is designed for organisations looking to standardise their Civil 3D environment, improve documentation consistency, and implement company standards across infrastructure, land development, and engineering projects.

Participants work from a professionally developed Civil 3D base template which is customised throughout the training to suit organisational requirements, including styles, labels, code sets, assemblies, pipe networks, title blocks, plotting standards, and project workflows.

Rather than simply learning template administration, attendees leave with a customised Civil 3D environment that can be immediately deployed across projects and teams. The course delivers both training outcomes and practical commercial outcomes, helping organisations establish a single source of truth for infrastructure design standards.

Topics Covered

- Civil 3D template management
- DWT and DWS standards
- Layer standards
- Object styles
- Label styles
- Code set styles
- Assemblies and subassemblies
- Pipe and pressure networks
- Survey standards
- Data shortcuts
- Title blocks and sheet templates
- Plotting and publishing standards

- Documentation workflows
- Infrastructure drafting standards
- CAD governance and quality assurance

Prerequisites

Participants should have a working knowledge of Autodesk Civil 3D and general infrastructure design workflows.

Previous experience with alignments, profiles, corridors, surfaces, pipe networks, and documentation is recommended. No prior template administration experience is required.

Training Course Contents*

Chapter 1: Civil 3D Templates and Standards Fundamentals

- Understanding DWT and DWS files
- Planning company standards
- Civil 3D standards architecture
- Template governance and maintenance

Chapter 2: Project Settings and Drawing Configuration

- Units and coordinate systems
- Ambient settings
- Feature settings
- Drawing setup standards

Chapter 3: Layer Standards and Object Display

- Layer naming conventions
- Layer styles
- Object display management
- Layer state management

Chapter 4: Object Styles and Label Styles

- Surface styles
- Alignment styles
- Profile styles
- Label style configuration

Chapter 5: Assemblies and Code Set Styles

- Assembly standards
- Subassembly management
- Corridor code sets
- Documentation settings

Chapter 6: Pipe and Pressure Network Standards

- Pipe styles
- Pressure network styles
- Label configurations
- Company standards

Chapter 7: Survey Standards and Data Shortcuts

- Survey database settings
- Data shortcuts
- Reference management
- Multi-user workflows

Chapter 8: Title Blocks and Sheet Production

- Sheet templates
- Title block configuration
- Plan production tools
- Documentation standards

Chapter 9: Plotting and Publishing Standards

- Plot styles
- PDF standards
- Publishing workflows
- Quality assurance processes

Chapter 10: Deployment and Company Rollout

- Network deployment
- Template maintenance
- User adoption
- Standards governance

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