SITECH Midway Winter Training Courses 2026

NEWLY ADDED CLASSES

Technology Specialist: Managing your GPS Fleet **$300/Person**

This Course is designed to help you most effectively utilize your Trimble technology in every stage of your construction process. Whether you are managing a large or small fleet of GNSS devices, this course will equip you with the knowledge and tools to succeed. We will cover all aspects of the civil construction workflow—from the initial stages of construction, including mass earthwork and underground utilities, to aggregate placement and paving.

- What is a connected site and what does that look like?
- What essential tools are available to me and how are they best used?
  - Works Manager
  - Trimble Connect
  - GNSS Planning
  - Trimble Business Center (TBC)
- Understanding Coordinates, Projections, and Site Calibrations.
- How do I get the most out of Siteworks and Earthworks functions?
- How to most effectively move a Base Station mid-project
- File Management
- The importance of creating a Standard Operating Procedure (SOP) for the team.
- Troubleshooting issues

Note "In our role as a Trimble dealer and customer partner, we understand the importance of having a designated 'GPS Champion' to optimize daily workflows."

Drone, LiDar Scanning & Emerging Data-Capture Technologies Session

FREE SEMINAR

Demonstrating the Latest Technology Options for Point-Cloud, 3D Data Captures & Autonomy Machine Control Systems

Topics Will Include:

- Drone Flight Photogrammetry Post Processing
- Drone Flight LiDar Scanning & Processing
- Sodex Innovations Realtime Scanning & Processing

SPS and On Machine Specific Training Courses

INTRODUCTION TO TRIMBLE SITEWORKS AND GNSS (v1.80) **$300/Person**

In this class we will focus on the different features and functions that Siteworks version 1.80 offers. From the basic to the advanced user.

- A basic overview of GNSS and how it works
- Understanding and navigating the Siteworks software
- Understanding Files and how they are managed within the software.
- New features and functions
- Advanced Measurement Module features
- Roading Module features
- Site calibrations
- Layout functions
- Topo and volume functions
- Basic Troubleshooting

Note: Please d*ress for the weather… There will be an outdoor, hands-on portion of this class if weather conditions allow.*

TRIMBLE MACHINE CONTROL FOR GNSS AND EARTHWORKS (v2.22) **$300/Person**

In this class we will dive into the workings of Earthworks/ CAT grade on machines. We will discuss infield designs, usage of the system and troubleshooting issues. From the beginning setup to more advanced uses of the software.

- Basic understanding of GNSS and how it works
- Understanding different Trimble components and how they are utilized.
- Utilizing and navigating the Earthworks software
- New features and Functions
- Importing and Exporting data
- Understanding files and how they are managed within the software.
- Utilizing infield designs and Troubleshooting

Note: *This class will mainly concentrate on Dozer and Excavators, but if there is any questions on how it works with other machine types, we can expand as needed*

TBC Specific Training Courses

TBC Field Data for Beginners **$300/Person**

Minimum License – TBC V2025.20 Viewer (Unlicensed Free Version). Bring Your Own Computer.
No Prerequisite

For the field/office personnel who would Like to learn the introductory Trimble Business Center Software.

- Covering User Interface Basics
- Basic Settings and Functions
- Quick Access Toolbars, Ribbon tabs, Commands
- Setting up and Saving a Template
- Importing and Viewing Electronic Data
- Creating and Editing Layers Using Layer Manager
- Organizing and Re-layering Electronic Data
- Changing and Editing Line Colors and Attributes
- Exporting to SPS, Siteworks and Earthworks Applications

TBC Basic Site Data Prep **$350/Person**

Minimum License – TBC V2025.20 Site & Field Subscription. Bring Your Own Computer.
Prerequisite Class – TBC Field Data for Beginners

Learn basic Data Prep workflows to create a finished grade surface for SPS and Machine Control

- Setting up the Trimble User Profile Manager
- Sharing TBC Subscriptions Seats with Different Users
- Utilizing The Project Cleanup Command
- Clean Up Existing CAD Data (Contours, Pads, Ponds, Curbs, Parking Lots, Etc).
- Categorizing and Standardizing Layers
- Changing and Assigning 3D Elevations to 2D Contours
- Basic CAD and Line-string Editing and Creation
- Offsetting, Joining, Trimming and Breaking Contours & Line-strings
- Creating a Triangulated Surface Model
- Adding Break-lines, Surface Members and Surface Boundaries to Triangulated Surfaces
- Analyzing a Detailed Surface Model and Fine-tuning for a Better Surface Triangulation
- The Differences Between a Default, State Plane and Local Coordinate System
- Toggling Background Maps to Road and Google Earth Views
- Creating a Cut/Fill Map from Existing vs Proposed Triangulated Surfaces
- Assigning Contours and Labels to Cut/Fill Maps
- Running Basic Earthwork Quantity Reports (Surface to Surface Comparison)

TBC PDF Import, Cleanup and Digitizing **$300/Person**

Minimum License – TBC V2025.20 Construction Subscription. Bring Your Own Computer.
Prerequisite - Field Data for Beginners, TBC Basic Site Data Prep

Import a PDF, Place, Georeference, Scale, and Digitize PDF Files to Prepare for Data Prep Surface Modeling and Site Takeoff Quantities

- Verifying the Difference Between a Raster and Vectorized PDF file
- Georeferencing and Scaling a PDF Drawing into TBC
- Importing and Cleanup of Data Attached to a Vector PDF
- Re-layering Objects and Standardizing Vector Layers
- Reviewing Georeferenced Image Settings
- Covering the Difference Between Placing and Georeferencing an Image
- Georeferencing and Placing a Raster PDF file
- Creating 3D Contours, Pads and Line strings by Digitizing a Raster PDF file

TBC Site Takeoff **$350/Person**

Minimum License – TBC V2025.20 Construction Subscription. Bring Your Own Computer.
Prerequisite – TBC PDF Import and TBC Basic Site Data Prep

Continuation of PDF Import and Data Prep. Running Simple Site Takeoff Reports with Prepared Data

- Determining Designated Engineered Subgrades and Materials
- Creating Site Materials
- Creating Site Improvements Based on Designated Materials and Assigned Thicknesses
- Identifying Site Regions for Material Site Improvements (Subgrade Adjustments)
- Validating Material Site Improvement Areas
- Assigning Topsoil Depths and Designated Thickness Areas
- Creating Subgrade Surface Models Based on Assigned Material Site Improvements
- Creating Detailed Cut/Fill Maps Incorporating Subgrade MSI's
- Running Earthwork Summary Reports
- Creating More Detailed Custom Takeoff Reports

To sign up, please send an email to: Kaileigh.bobb@sitechmidway.com
*class minimum of 4 people required, if not enough people sign up within 48 hours of the class, it will be cancelled and customers will have the option to reschedule to a later date.
*customers will only be charged after they have completed the course. If you are unable to make the class you will not be charged but please let us know if you will not be attending