SITECH

TECHNOLOGY TRAINING
CLASSROOM | FIELD | WEB-BASED

READY TO TAKE YOUR SITE OPERATIONS TO THE
NEXT LEVEL?

SITECH Southwest is the leading technology solutions provider across Arizona and Southeast California. Our team understands how to apply the latest technology effectively to solve some of the biggest challenges you face on the jobsite.

No matter your industry Construction, Mining, Landfill, Quarry/Aggregate or preferred equipment brand, we can train you on the technology systems right for your entire fleet of heavy equipment.

BECOME THE **EXPERT**

Whether you are a beginner looking to get up to speed quickly, or a seasoned professional wanting to streamline productivity, we have training to fit your needs.

> **I can't say enough good things about SITECH, the knowledge I have gained from their experience and the knowledge they possess.**
>
> — Ryan Moore,
> Spencer Construction

CHOOSE FROM:

✓ Hardware training
✓ Software training
✓ Hands-on demo events
✓ Lunch and learns
✓ Customized training

WE'RE READY TO TAKE YOUR SKILLS TO THE NEXT LEVEL.

HARDWARE TRAINING

SITE POSITIONING

Elevate your jobsite efficiency by understanding and mastering the essentials of the Trimble Site Positioning System.

During this 2-day comprehensive training, you'll obtain the best practices for setup, site requirements, data management and more through classroom and in-the-field exercises.

What You Will Learn:

- ✓ Base station and rover setup
- ✓ Site requirements and data management
- ✓ Site calibrations
- ✓ SPS controller and data management
- ✓ 3D data model and file management
- ✓ Using high-quality graphics and interfaces
- ✓ Maximizing surveying performance on a small device
- ✓ Running complex programs with the system

UAV FLIGHT

Get ready for flight by learning the fundamental skills of your drones. Our FAA certified UAS pilots will help you gain a working knowledge of your equipment quickly.

What You Will Learn:

- ✓ Fundamentals of flight/airspace
- ✓ UAS hardware configurations
- ✓ Setup and maintenance
- ✓ Mission planning
- ✓ Flight and flight processing

MACHINE CONTROL

Maximize machine productivity and efficiency with an in-depth understanding of Trimble machine control systems. Operators will learn how to fully realize the benefits of the machine control system. This course will cover the operation and use for Excavators, Dozers and Motorgraders.
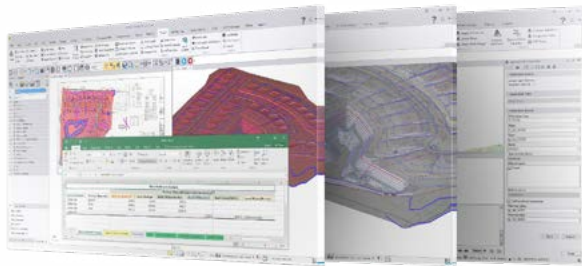
What You Will Learn:

- ✓ Task specific workflows
- ✓ Interface and menu navigation
- ✓ User interface customization
- ✓ Project and design management
- ✓ Apply horizontal & vertical offsets to a design
- ✓ Working with alignments & corridors
- ✓ Basic troubleshooting
- ✓ Best practices for common tasks

SOFTWARE TRAINING

LEARN THE SOFTWARE ESSENTIALS

> **I had little experience when it came to uploading anything to computers along with no experience when it came to creating 2D or 3D models. Mike was extremely understanding of this and told me he would walk me through the whole way with no issues.**
>
> — Ryan Moore,
> Spencer Construction

TRIMBLE BUSINESS CENTER

Learn the best methods and procedures for effectively completing your projects with Trimble Business Center.

With multiple trainings for all skill levels, you can drive success from day one after these hands-on, expert-led classes.

Check all available classes and dates at **sitechsw.com/training.**

SITE TAKEOFF

What You Will Learn:

✓ Setting up templates

✓ Building a material data base

✓ Standardizing and categorizing layers

✓ Inputting information from PDF files

✓ Building site demo and sub-grade areas

✓ Generating takeoff reports and graphics

SITE MODELING

What You Will Learn:

- ✓ Importing CAD files and PDF files
- ✓ Standardizing and categorizing layers
- ✓ Clipping contours
- ✓ Performing QA/QC on the surface
- ✓ Exporting files for the field

ROAD MODELING

What You Will Learn:

- ✓ Building centerline alignments
- ✓ Building vertical curves
- ✓ Building super elevations
- ✓ Building the road with the use of the corridor
- ✓ Creating files for the field

UAS MASTER

What You Will Learn:

- ✓ Setting up templates in TBC
- ✓ Setting TBC to a site's calibration
- ✓ Importing ground points into TBC
- ✓ Exporting and importing into UAS Master
- ✓ Creating point clouds and Ortho of the flight

UTILITY MODELING AND TAKEOFF

What You Will Learn:

- ✓ Building utility networks
- ✓ Building pipe runs
- ✓ Performing utility takeoffs
- ✓ Exporting files to the field

MINING HAUL ROAD & 3D SITE

What You Will Learn:

- ✓ Importing CAD, PDF, GIS, Point Cloud and Minesight data
- ✓ Performing QA/QC on the surface
- ✓ Building vertical curves
- ✓ Building super elevations
- ✓ Building haul roads with the use of the corridor

MASS HAUL

What You Will Learn:

- ✓ Analyze site takeoffs for dirt movement
- ✓ Build multiple haul paths to be more productive
- ✓ Create a mass haul diagram to have a graphical view

DRONE DATA PROCESSING

Capture reality, gain insights, and manage data more effectively.

The training courses we offer will help you make the most of your equipment for maximum ROI benefits.
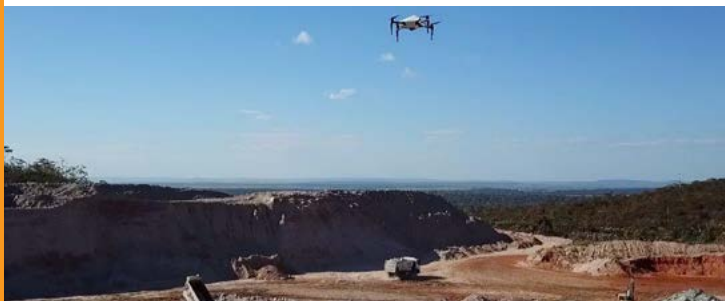
What You Will Learn:

- ✓ Mission planning and payload sensor optimization
- ✓ Cloud Solutions Trimble Stratus processing
- ✓ Trimble Business Center direct JXL
- ✓ Overview of UAS Master and Pix4D

CAT® MINESTAR

Onboard guidance and real-time feedback tools can help you increase drill capacity, crusher throughput and material accuracy while driving consistency in payloads.

What You Will Learn:

- ✓ Utilizing site design and grading
- ✓ Setting up active Ore Control
- ✓ Grabbing real data to place back into planning
- ✓ Train the trainer

FREE EVENTS
& LUNCH & LEARNS

SEE WHAT YOU CAN LEARN BEFORE INVESTING IN A CLASS.

We offer hands-on free events that include machine demonstrations or classroom-style lunch & learns to demonstrate our hardware and software capabilities.

You can find upcoming dates at **sitechsw.com/training.**

CUSTOMIZED
TRAINING

DON'T SEE WHAT YOU ARE LOOKING FOR?

We offer custom courses covering a wide range of topics. We will work with you to create an agenda that fits your needs whether it's one-on-one at your site, group, online, or classroom-style training.

LEARN ABOUT OUR TRAINERS
sitechsw.com/training

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