



2020

TECHNICAL TRAINING CATALOG

REGISTER TODAY!

topconsolutions.com/training





RECOVERY IS COMING.

Are you ready?

BE READY & STAY AHEAD OF THE COMPETITION

Topcon Solutions has your back!

Economic recovery is just around the corner. We at Topcon Solutions are ready to help you get back to work with access to great resources and industry leading support. Get your hardware and software systems, training and operations prepared and in place today, and Topcon Solutions will help you avoid any payments until your business is back on its feet.

We offer 13 convenient locations spanning from Washington to Maine, no matter where your job takes you, we've got you covered!

- Annapolis Jct, Maryland
- Carol Stream, Illinois
- Concord, New Hampshire
- Hartford, Connecticut
- Indianapolis, Indiana
- Kansas City, Missouri
- Niles, Michigan
- Portland, Oregon
- Saxonburg, Pennsylvania
- Seattle, Washington
- St. Louis, Missouri
- Stow, Massachusetts
- Waukesha, Wisconsin

Don't see what you need? Or timing isn't just right? Let's discuss how to increase your team's productivity through online training.

INSTRUCTOR-LED ONLINE TRAINING

Topcon Solutions has temporarily modified most in-person training events.

We are transitioning most of our offerings to instructor lead remote classes at a reduced rate to further support industry professionals during these challenging times. We are committed to developing resources that companies and individuals can access remotely until we can safely work side by side again.

Our online classes utilize a variety of software options, including platforms to deliver our live instructor-led remote training. Each class offers a primary on screen instructor with an additional instructor supporting questions and monitoring student engagement. We are committed to delivering an immersive virtual classroom experience.

Call today!
(800) 247-1927



GENERAL DESIGN & DRAFTING

AUTOCAD® ESSENTIALS

This online class introduces the user to 2D AutoCAD. This course will get you started if you have never used AutoCAD. It is also a great refresher course if you haven't used it in a while, have been using an older release, or if you just want a thorough brush up on the basics and important new features. Upon completion, you will be able to use AutoCAD to design and draft in 2D.

Length: 5 days, 4 hour sessions

DATES: June 1-5, August 24-28

COST: ~~\$1,195~~ \$849 per person

AUTOCAD® INTERMEDIATE

This online class introduces the user to features, commands and techniques for becoming more productive when creating, annotating and printing drawings with AutoCAD. This intermediate level course continues to build on the basic concepts of the AutoCAD Essentials course. Hands-on exercises are used throughout the course to illustrate the concepts that are taught.

Length: 4 days, 4 hour sessions

DATES: June 30-July 3

COST: ~~\$935~~ \$649 per person

BUILDING DESIGN SOLUTIONS

REVIT® ARCHITECTURE ESSENTIALS

Get introduced to Revit Architecture while learning the fundamental concepts of Building Information Modeling (BIM). This online course will teach you how to model essential building elements in 3D such as walls, stairs, doors, windows, etc. You'll also learn how to create schedules, legends, sheets and other views of your model to create a construction document set.

Length: 5 days, 4 hour sessions

DATES: May 18-22, August 3-7

COST: ~~\$1,195~~ \$849 per person

REVIT® ARCHITECTURE FAMILIES

The Family Editor allows Revit users to create components and tags to use in their Revit building project. In this online course, you will learn how to model parametric building components in 3D, create intelligent tags, work with a Shared Parameters file, edit wall types, customize railings, and much more.

Length: 2 days, 4 hour sessions

DATES: July 20-21

COST: ~~\$595~~ \$400 per person



Your biggest
SELLING POINT?

“We can do that!”



REVIT® MEP ESSENTIALS

Learn the essential functionality of Revit Mechanical, Electrical, and Plumbing while learning the fundamental concepts of Building Information Modeling (BIM). This online course will teach students how to navigate, monitor the Architect's changes, create schedules, details, legends, sheets, and other views of your model to create your construction document set.

Length: 4 days, 4 hour sessions

All students are required to attend Revit MEP Essentials prior to the specialized training class.

REQUIRED:	DATES:	COST:
MEP Essentials	June 8-11, July 7-10 August 17-20	\$995 \$849 per person
Specialization:		
Mechanical	June 22-23, July 27-28	\$445 \$300 per person
Electrical	June 24-25, July 29-30	\$445 \$300 per person
Plumbing	July 1-2, August 31-Sept. 1	\$445 \$300 per person

MECHANICAL

Learn how to place mechanical equipment and air terminals, then model and connect ductwork in 3D to those essential building components. Additionally, this online course will teach you how to create HVAC systems, define spaces and zones, create hydronic piping systems and produce heating and cooling load calculations and reports. *Length: 2 days, 4 hour sessions*

ELECTRICAL

Learn how to place electrical equipment, and component devices, then model conduit and cable trays in 3D. Additionally, this online course will teach you how to define spaces for electrical loads and lighting calculations, create panel schedules, create power & switch systems, and analyze the resulting circuits. *Length: 2 days, 4 hour sessions*

PLUMBING

Learn how to place plumbing fixtures, fittings and accessories, then model and connect pipes in 3D to those essential building components. Additionally, this online course will teach you how to work with sloped pipe, create plumbing fixture unit schedules, create piping and plumbing systems, and analyze those systems. *Length: 2 days, 4 hour sessions*



**AUTODESK®
REVIT® 2021**

Faster and easier to use
Discover new Revit features.

INFRASTRUCTURE DESIGN SOLUTIONS

CIVIL 3D® ESSENTIALS

This online course provides you with a foundation for using the dynamic technology of Civil 3D. Everything from importing points and creating surfaces to finished corridor/road design will be covered.

Length: 4 days, 4 hour sessions

DATES: May 26-29, June 23-26, July 21-24, August 18-21

COST: ~~\$1,195~~ \$849 per person

ADVANCED GRADING FOR CIVIL 3D®

Making the “Grade” with Civil 3D! The versatility of Civil 3D’s powerful Grading tools will transform the way you approach your future designs... Join us online as we explore the entire Grading process through a series of interrelated exercises specifically built to expand your knowledge level from one to the next. Along the way, we will apply “best practices” concepts as well as “out-of-the-box” solutions to achieve that final design goal. *Length: 2 days, 4 hour sessions*

DATES: May 12-13, July 7-8 | **COST:** ~~\$595~~ \$400 per person

DESIGNING CORRIDORS & INTERSECTIONS IN CIVIL 3D®

Our team has fused together the highly successful “Intersection” and “Roadway Design” classes into a fast-paced online course. Through interrelated exercises, our goal is to build your confidence in the identification of the many terms, objects and workflows associated within Corridor design and modification. Furthermore, expect to walk away with a clear understanding of the game changing Corridor Targeting functionality and how it relates to your Corridor designs.

Length: 2 days, 4 hour sessions

DATES: June 16-17, August 3-4 | **COST:** ~~\$595~~ \$400 per person

INCORPORATING SURVEY WITH CIVIL 3D®

Our in-depth online training course is for civil engineers, surveyors and survey technicians that have completed the Civil 3D Essentials Course. Through hands-on practical exercises, you will further your training in the survey functionality.

Length: 2 days, 4 hour sessions

DATES: June 18-19, August 5-6 | **COST:** ~~\$595~~ \$400 per person

PIPING DESIGN IN CIVIL 3D®

This online course will teach the piping features available in Civil 3D. You will learn how to modify parts using Part Builder, apply pipe rules, create and modify pipe designs, and perform a hydraulic analysis of the pipe network in both a custom spreadsheet and in the Hydraflow Storm Sewers Extension. *Length: 2 days, 4 hour sessions*

DATES: May 14-15, July 9-10 | **COST:** ~~\$595~~ \$400 per person

VEHICLE TRACKING IN CIVIL 3D®

Autodesk® Vehicle Tracking is a comprehensive transportation analysis and design solution for vehicle swept path analysis (2D & 3D). This software enables engineers, designers, and planners to predictably evaluate vehicle movements as well as optimize road and campus geomatics in real time. Additionally, the software makes quick work of parking and roundabout layout/design by adhering or monitoring from true design standards (customizable), so the user can efficiently move on to the next design decision. *Length: 2 days, 4 hour sessions*

DATES: May 18-19, August 31-Sept. 1 | **COST:** ~~\$595~~ \$400 per person



TECHNICAL SUPPORT

Supporting customers nationwide, our local technical support teams collaborate across all AEC disciplines to provide software and hardware solutions. Our team of experts assist over the phone, email, remote sessions, in the office or onsite to ensure your team gets the answers they need and get back to work quickly.



Seamlessly Connecting the Office and the Field.

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trial



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support
ticket



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solutions

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COLLABORATION

BLUEBEAM REVU ESSENTIALS

Revu is built primarily for technical industries like architecture, engineering, construction, and oil & gas. In this online class you will learn the Revu tools to streamline workflows throughout the construction process, from design review to project closeout and facilities management.

Length: 4 days, 4 hour sessions

DATES: May 26-29, July 13-16 | **COST:** ~~\$935~~ \$649 per person

BLUEBEAM REVU FOR PROJECT MANAGERS

Do you find yourself buried in work trying to keep up with planning and documenting your projects? Bluebeam Revu has what you need to obtain a paperless workflow and stay on track! Revu for Project Managers online course will give you the tools you need to organize your project documents, track revisions, and collaborate through Studio from the field or office!

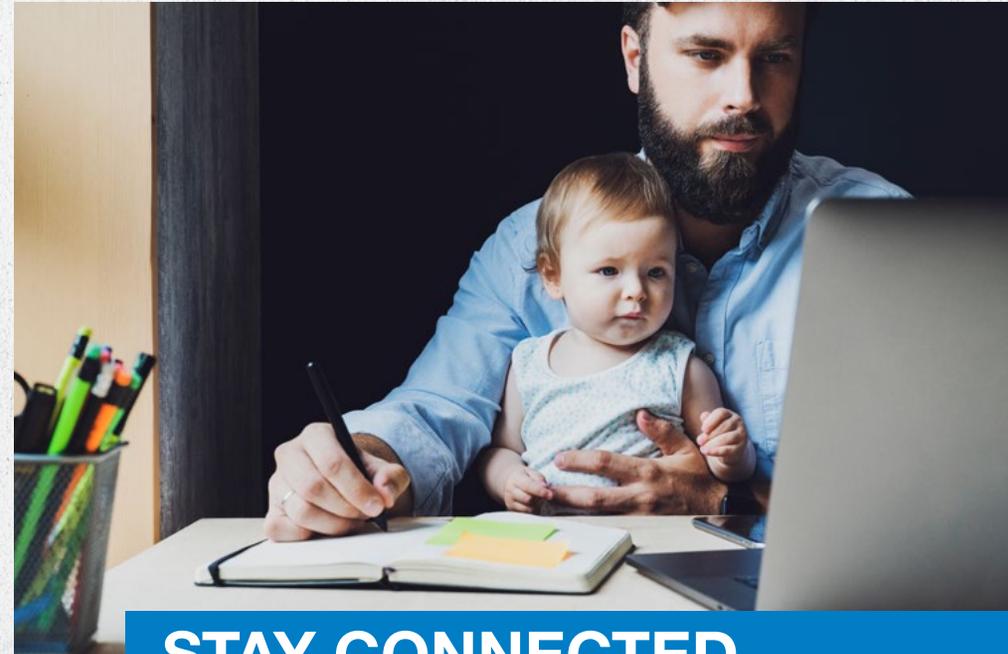
Length: 1 day

DATES: August 10-11 | **COST:** ~~\$595~~ \$400 per person

BLUEBEAM REVU FOR TAKEOFF AND ESTIMATING

Are you ready to take Revu to the next level? Are you ready to move into detailed quantity takeoff? Bluebeam Revu has powerful tools to help you do exactly that. Bluebeam Revu for Takeoff and Estimating online course will take you through Revu's most powerful quantity Takeoff features and show you exactly how to use them, and adapt their properties to your specific needs. *Length: 1 day*

DATES: August 12-13 | **COST:** ~~\$595~~ \$400 per person



STAY CONNECTED.
ANYTIME. ANYWHERE.

Stay connected with project partners across the globe. Work collaboratively on design reviews, takeoffs and QA/QC processes. Enable your team to get the job done, wherever they are.

Try Revu today! >>