

# TOPCON SOLUTIONS

Store

JAN-APR 2021

# Technical Training Catalog



**REGISTER TODAY!** [topconsolutions.com/training](https://topconsolutions.com/training)



## EMERGE STRONGER

*Be prepared for the next normal*

## BE READY & STAY AHEAD OF THE COMPETITION

### Topcon Solutions has your back!

We know that economic recovery is challenging. Everyday we are helping firms emerge stronger. To meet today's demanding deadlines, working faster and smarter is critical. Topcon Solutions has the leading edge hardware, software, and training solutions you need to increase efficiency, improve productivity, and better manage resources. No matter where your job takes you, we've got you covered!

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.*

## TOPCON SOLUTIONS TRAINING

### In-person and remote training options

We offer a variety of training classes to help ready teams for success. Classes can be taken either in-person, or live and instructor-lead online for a reduced price to further support industry professionals during these challenging times.

Our online classes utilize a variety of software options, including platforms to deliver our live instructor-led remote training.

*We are committed to delivering an immersive virtual classroom experience.*

**Call today!**  
**(800) 247-1927**



# GENERAL DESIGN & DRAFTING

## AUTOCAD® ESSENTIALS

This 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: 3 days*

**DATES:**

Online 1/12-14, 2/23-25, 4/6-8

**COST:** \$849 per person

## AUTOCAD® INTERMEDIATE

This 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: 2 days*

**DATES:**

Online 4/20-21

**COST:** \$849 per person

# BUILDING DESIGN SOLUTIONS

## REVIT® ARCHITECTURE ESSENTIALS

Get introduced to Revit Architecture while learning the fundamental concepts of Building Information Modeling (BIM). This 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: 3 days*

**DATES:**

Online 1/19-21, 3/2-4, 4/13-15

**COST:** \$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 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: 1 day*

**DATES:**

Online 2/9, 4/27

**COST:** \$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 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: 2 days*

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

### ONLINE

**REQUIRED:**  
**MEP Essentials**

**DATES:**  
1/25-26, 3/22-23

**COST:**  
\$849 per person

**Specialization:**

**Mechanical** 1/27, 3/24  
**Electrical** 1/28, 3/25  
**Plumbing** 1/29, 3/26

\$300 per person  
\$300 per person  
\$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 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: 1 day*

## ELECTRICAL

Learn how to place electrical equipment, and component devices, then model conduit and cable trays in 3D. Additionally, this 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: 1 day*

## PLUMBING

Learn how to place plumbing fixtures, fittings and accessories, then model and connect pipes in 3D to those essential building components. Additionally, this 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: 1 day*



# INFRASTRUCTURE DESIGN SOLUTIONS

## CIVIL 3D® ESSENTIALS

This 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: 3 days*

**DATES:**

Online 2/2-4, 3/2-4, 4/13-15

**COST:** \$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 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: 1 day*

**DATES:**

Online 1/7, 2/11

**COST:** \$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 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: 1 day*

**DATES:**

Online 1/5, 3/9

**COST:** \$400 per person

## INCORPORATING SURVEY WITH CIVIL 3D®

Our in-depth 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: 1 day*

**DATES:**

Online 2/2, 3/30

**COST:** \$400 per person

## PIPING DESIGN IN CIVIL 3D®

This 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: 1 day*

**DATES:**

Online 1/13, 3/17

**COST:** \$400 per person



# TRAINING AND CERTIFICATION



From academia and throughout your professional career, Autodesk provides educational resources—instructor-led, self-paced, or online training—and certification to help you stay competitive.

## STAND OUT WITH AN AUTODESK CERTIFICATION

- Earn an industry-recognized credential that helps prove your skill level and can get you hired.
- Accelerate your professional development and help enhance your credibility and career success.
- Display your Autodesk Certified certificate, use the Autodesk Certified logo, highlight your achievement and get noticed by listing your name in the Autodesk Certified Professionals database.

*Exams offered include Professional level*

**Exam Dates:** 1/15, 2/19, 3/19, 4/16

**Location:** Online

**Time:** 9am - 11am

**Cost:** \$175 per exam

**GET STARTED TODAY**

[topconsolutions.com/certification](http://topconsolutions.com/certification)

**A** AUTODESK®  
AUTOCAD®

**C** AUTODESK®  
CIVIL 3D®

**I** AUTODESK®  
INVENTOR®

**R** AUTODESK®  
REVIT®

**M** AUTODESK®  
MAYA LT®

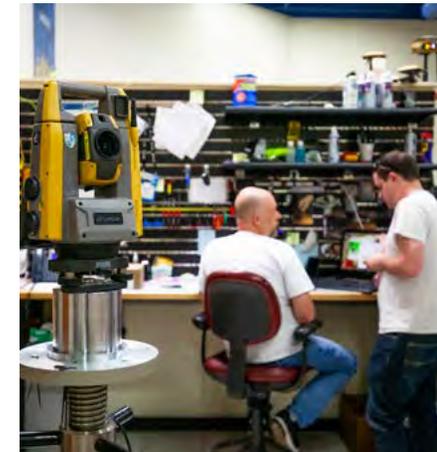
**3** AUTODESK®  
3DS MAX®



## SOLUTIONS IS OUR MIDDLE NAME

### CERTIFIED SERVICE & REPAIR

Every Topcon Solutions Store location houses a full service center and is home to Topcon Warranty Repairs. We service all major brands and offer a full rental line so you can remain in production while your technology is being serviced.



**CERTIFIED  
SERVICE & REPAIR  
CENTER**

## AUTODESK TRAINING CENTERS

**PORTLAND | SEATTLE | INDIANAPOLIS**

6015 NE. 80<sup>th</sup> Ave. #400  
Portland, OR 97218  
(800) 247-1927

18040 72<sup>nd</sup> Ave. S  
Kent, WA 98032  
(800) 558-5368

7278 E 86<sup>th</sup> Street  
Indianapolis, IN 46250  
(888) 313-6111

*Our mission is to exceed the expectations of our customers while providing innovative solutions and industry-leading customer service and support.*

# COLLABORATION

## BLUEBEAM REVU ESSENTIALS

Revu is built primarily for technical industries like architecture, engineering, construction, and oil & gas. In this class you will learn the Revu tools to streamline workflows throughout the construction process, from design review to project closeout and facilities management. *Length: 2 days*

**DATES:**

Online 1/5-6, 3/9-10

**COST:** \$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 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:**

Online 2/18, 4/8

**COST:** \$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. This 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:**

Online 2/16, 4/6

**COST:** \$400 per person



# BLUEBEAM REVU

Revu can help you work smarter and faster. Join the Revu community—over 1.9 million builders.

[Learn more >>](#)