

We train on *your* schedule.

Visible Edge Institute has been providing classroom training for over 30 years and remote training for over a decade. Our flexible, comprehensive training programs are designed to accommodate individuals of **all** skill levels.

As a Licensed Post-Secondary Educational Institution, our training provides students with hands-on experience, in-depth skills in leading applications, and industry-recognized certifications. You'll get the opportunity to earn industry-recognized certifications in all of our programs.

Train remotely or in-center, while maintaining on-demand access to our live instructors. Students can also access training lessons 24/7 for self-study.

Remote Attendance: Remotely tap into our training center to work directly with live instructors on-demand via phone, video call, screen sharing, email, chat or text.

In-Center Attendance: Choose to attend training in our physical training center on your schedule, not ours. Our renovated in-center learning environment utilizes state of the art equipment and modern learning techniques including one-on-one live instructor interactions, digital materials, labs, and project work.



You may qualify to have your entire program paid for, 100%, with no out-of-pocket costs to you. All programs are federally approved by WIOA, Section 30, Trade Adjustment Act, Vocational Rehab, and more.



We are a Veteran Friendly Institution.



GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). For more information about education benefits offered by the VA, visit the official U.S. government website at <http://www.benefits.va.gov/gibill>.

GLOBAL HEADQUARTERS

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Ve-I reserves the right to change fees, courses, topics, policies, programs, services and personnel as required. "On-Demand" refers to instructor and facility access during our normal business hours, which are Monday - Friday from 8:00AM to 5:00PM except Federal Holidays and shutdowns. Instructor support is limited to purchased training materials and labs. Remote setup assistance is included.

BUILDING & CONSTRUCTION DESIGN APPLICATIONS SPECIALIST

Learn the top
applications utilized
throughout the building
and construction trades.

VISIBLE EDGE

FOCUS ON THE REQUIRED APPLICATIONS USED IN BUILDING & CONSTRUCTION

Modern home and infrastructure upgrade requirements are putting a strain on the availability of existing resources that have these in-demand, updated skills. Current technologies and tools are also rapidly expanding - creating large gaps between existing skill sets and the knowledge required to meet today's demands.

Our Building & Construction Design Applications Specialist program focuses on teaching you the required applications used throughout the building and construction trades, including both architectural and civil design roles.

Throughout this comprehensive program, we will also explore all of the subject matter and applications necessary in these industries.

Additionally, you may choose to dive even deeper into the industry by exploring civil and architectural-based electives - ranging from bridge design to coastal engineering, residential architecture, designing a healthcare facility, small homes, and energy-efficient buildings.

Students will have the opportunity to earn top industry-recognized certifications demanded throughout each of these industries today. Certifications include Autodesk Certified Professional Credentials (ACP) in Revit for Structural ACP, AutoCAD Drafting & Design ACP, and Revit for Architectural ACP.

HIGHLIGHTS...



Create 3D models and produce technically accurate drawings of various structures.



Learn top notch drafting & modeling practices.



Grow into a 3D Parametric Solid Modeler & Detailer and master industry-standard 3D Computer Aided Design tools like Revit, Civil 3D, Plant 3D, and more.

YOU'LL HAVE THE OPPORTUNITY TO EARN INDUSTRY-RECOGNIZED CERTIFICATIONS, INCLUDING BUT NOT LIMITED TO:



Autodesk Certified Professional (ACP) in Revit Structural



AutoCAD Drafting & Design ACP



Revit for Architectural ACP



LEED Certification

CORE CURRICULUM FOR THIS PROGRAM INCLUDES...

- AutoCAD
- AutoCAD MEP
- AutoCAD 2D & 3D
- SketchUp
- Revit, Revit Architecture, & Revit Detailing



ADDITIONAL ELECTIVE TOPICS INCLUDE...

- AutoCAD Civil 3D, Plant 3D & Navisworks
- AutoCAD Electrical Essentials
- Revit Advanced Functions
- BIM Clash Detection with Autodesk Revit, Navisworks, and Dynamo
- Autodesk Inventor - Introduction to Advanced
- Adobe Photoshop
- Adobe Photoshop Visualization for Architects
- Energy & Structural Analysis Tools
- Lumion
- Microsoft Excel for Construction Management
- SketchUp
- V-Ray for Interior Design
- Microsoft Project
- Microsoft Visio
- Building Design & Construction Track
- Mechanical, Electrical, & Plumbing (MEP) Systems
- Architectural Design Principles and Elements
- Architectural Graphics and Sketching
- Architectural Design & Animation in Blender
- Green Buildings
- Home Construction
- Interior Design
- Landscape Design
- Solar Energy Fundamentals & Solar Design
- Construction Measurements & Estimation
- Reinforced Concrete Fundamentals
- Construction Industry: Techniques & Technology
- Construction Management Track
- Sustainability & Sustainable Living
- Estimating Building & Construction Costs
- Foundation Design, Hydraulics, and Hydrology
- Construction Project Management Track
- Soil Mechanics, Surveying, Water, Wastewater Systems, and Concrete Technology
- Civil Design Technologies
- Bridge Design
- Civil Construction Drawings
- Structural Design of Buildings
- Highway Design
- *and more.*

To learn more about this program, please visit:
<https://www.visible-edge.com/building-construction-design-applications-specialist/>