

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.

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CREO MECHANICAL DESIGN APPLICATIONS SPECIALIST

Master 3D parametric solid modeling & detailing with Creo, the leading 3D Mechanical Computer-Aided Design (CAD) tool in the Aerospace & Defense industry.

VISIBLE EDGE

BECOME A 3D PARAMETRIC SOLID MODELER AND DETAILER

Throughout our Creo Mechanical Design Applications Specialist program, you'll learn all about the industry-standard 3D Mechanical Computer-Aided Design (CAD) tool, Creo.

Discover how to create 3D models and produce technically accurate drawings of electro/mechanical parts, mechanisms, and assemblies - all while learning essential drafting & modeling practices.

Elective courses are included to boost your resume, expand your skill set, strengthen your knowledge, increase your employment marketability, and give you a competitive edge. For example, experience shows many CAD “gurus” become system administrators. We've included electives that cover these critical CAD management functions.

Electives include countless other topics such as advanced assembly, analysis, simulation, surfacing, rendering, solidifying surfaces, kinematic connections, large assembly concepts, advanced modeling, model-based definition (MBD), productivity tools, and CAD drills.

By the end of this program, you'll have both confidence and experience as a 3D Parametric Solid Modeler & Detailer using Creo.

Visible Edge specializes in this industry, with over 30 years of experience supporting Mechanical Design environments. Throughout this program, we'll share our vast industry knowledge with you.

HIGHLIGHTS...



Explore other Mechanical Design (CAD) applications, like Revit, SolidWorks, or Inventor.



Master all areas of the industry with your choice of various electives - including advanced assembly, advanced modeling, technical drawing, technical writing, Windows, Microsoft Office, GD&T, the Internet of Things (IoT), and other important industry topics.



Use industry-standard skills and tools utilized by major discreet manufacturers and product development companies.

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



Creo Parametric Fundamentals & Professional



SolidWorks CSWA, CSWP, & CSWE



Autodesk ACP Certifications



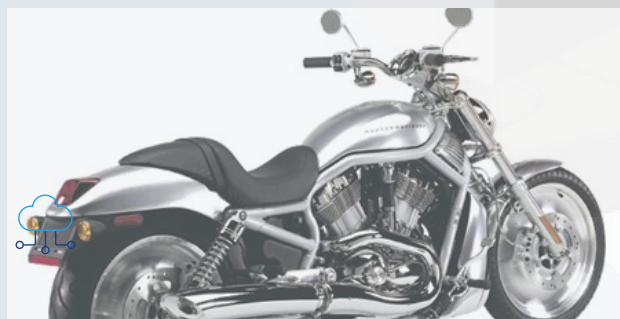
Total Quality Management (TQM)



SME Additive Manufacturing



Lean Management & Lean Six Sigma



CORE CURRICULUM FOR THIS PROGRAM INCLUDES...

- Creo Capabilities & Design Process
- Creo Modeling Productivity Tools
- Creo Sketching Productivity Tools
- Interface & Modeling Concepts
- Fundamentals of Modeling with Creo
- Fundamentals of 2D Drawing in Creo
- Sheetmetal & Weldments in Creo
- Basics of Surface Modeling with Creo
- Ve-I CAD Drills & Practice Exams
- Creo Fundamentals
 - Certification Preparation + Exam

ADDITIONAL ELECTIVE TOPICS INCLUDE...

- Engineering Drawing & Graphics
- Intermediate & Advanced Topics for Creo
 - Advanced Surface Modeling
 - Advanced Part Modeling
 - Model Based Definition
 - Fundamentals of Assemblies & Advanced Assemblies
 - Large Assembly Management
 - Creating Harnesses and Routing Cables
 - Fundamentals of Analysis & Simulation
 - Finite Element Analysis with Creo Simulate
 - Creo Parametric Professional Certification Exam
- SolidWorks & Inventor 3D Parametric CAD Tools
- MasterCAM Lathe
- Multi-Axis & Mill
- Introduction to Mechanical Design Engineering
- Product Development Essentials
- GD&T
- MATLAB
- Mathematica
- Visual Basic Applications (VBA) & Python
- Animation & Rendering with Blender
- Designing Graphics with Adobe Creative Cloud
- CAD Systems Management
- Windows Server Administration Fundamentals
- Fundamentals of Math, Algebra, & Geometry
- IoT (Internet of Things)
- Augmented Reality (AR)
- Microsoft Office 365 Suite, Visio, & Project
- and more.

To learn more about this program, please visit:

<https://www.visible-edge.com/creo-mechanical-design-applications-specialist/>