

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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MANUFACTURING APPLICATIONS SPECIALIST

Attain the critical skills
necessary to manage,
improve, and automate
core manufacturing and
production processes.

VISIBLE EDGE

GAIN THE SKILLS ESSENTIAL TO MANAGING, IMPROVING, AND AUTOMATING MODERN-DAY MANUFACTURING AND PRODUCTION PROCESSES

Our Manufacturing Applications Specialist program focuses on attaining or updating skills utilized by companies while managing, improving, and automating core manufacturing and production processes.

Start off the program by learning your choice of industry-standard CAD tools, used throughout manufacturing environments for creating assembly documentation, redlining part and assembly drawings for required changes, redesigning for manufacturability and assembly, and documenting as-manufactured and as-built status of shipped products.

A vast range of electives are also included in the program to boost your resume, expand your skill set, strengthen your knowledge, increase your employment marketability, and give you a competitive edge.

Through your choice of elective topics, you may get the opportunity to explore integrating additive manufacturing with traditional manufacturing, designing with AutoCAD, manufacturing methods and materials, programming theory, and essential programs used in the Manufacturing discipline.

Also choose to attain industry-recognized certifications in the field to further your education and experience.

HIGHLIGHTS...



Explore core manufacturing processes such as additive manufacturing (3D printing), CNC machines, assembly, computer science, tolerance, hazard communication, GD&T, and more.



Master specialized topics with your choice of elective courses - including Tableau, Robotics, Inventor, Revit, SketchUp, Creo, and additional in-demand topics.

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



Certified Manufacturing Associate (CMfgA)



Certified Manufacturing Technologist (CMfgT)



Certified Manufacturing Expert (CMfgE)



Certified SolidWorks Associate (CSWA)



Certified SolidWorks Professional (CSWP)



Certified SolidWorks Expert (CSWE)



SME Additive Manufacturing Certification



Lean Six Sigma Green Belt



Lean Manufacturing



Certifications in Microsoft Office 365 Associate Specialist for Outlook, Word, Excel, PowerPoint, and Access



CORE CURRICULUM FOR THIS PROGRAM INCLUDES...

- SolidWorks - *Fundamentals, Assemblies, Advanced Assembly, Parts, Drawings, Sheetmetal, Weldments, Plastics, Molds, Manufacturing, and more.*
- MasterCAM - *Lathe, Mill, Multi-axis, MasterCAM for SolidWorks, etc.*
- Microsoft Visio & Microsoft Excel
- AutoCAD for the Shop Floor
- Microsoft Flow, Project, Teams, OneNote,
- Python Programming & Automated Scripting
- PLC Fundamentals
- SQL Fundamentals
- Arduino for the Internet of Things (IoT)
- Machine Learning
- Data Analysis with Excel
- Tableau for Data Visualization
- Data Wrangling & Visualization

ADDITIONAL ELECTIVE TOPICS INCLUDE...

- Additive Manufacturing (3D Printing)
- Industrial Internet of Things (IIoT)
- Advanced Microsoft Applications
- Designing with AutoCAD and Sketchup
- LabVIEW
- MATLAB
- Statistics for Data Science & Business Analysis
- Choice of Additional Programming Languages
- Computer Science
- Natural Language Processing (NLP)
- PyTorch
- MySQL
- Test Automation Engineering
- Software Testing
- SAP Essentials
- Navisworks
- Revit
- Sketchup
- CompTIA
- Cybersecurity

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