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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www.visible-edge.com/career-centers/

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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MECHANICAL ENGINEERING REVIEW

Review core engineering and mathematics topics, programs, software, trends, and best practices.

VISIBLE EDGE

STAY UP-TO-DATE ON THE MECHANICAL ENGINEERING INDUSTRY & MODERN TECHNOLOGIES

So, you have been working as an Engineering Manager for a number years and your company decides to downsize or move your position overseas. Now, you're faced with looking for a new position.

How do you prove to a potential employer that you can still "engineer" after years in a purely management position?

Companies today are looking for educated Engineering Managers that can get in the trenches, crank through the mathematics, and actually engineer new and improved products.

This program focuses on reviewing core engineering & mathematics courses in a timeframe that lets you get back into full employment in a shorter time period. Review core engineering and mathematics topics, programs, software, trends, and best practices.

Continue on to course content from various areas of the engineering industry - from new software releases to engineering mechanics, physics, thermodynamics, materials science, fluid mechanics, machine design fundamentals, and more.

Visible Edge specializes in the Engineering industry, with over 30 years of experience supplying Mechanical Engineering & Design services and resources. In this program, we'll share our vast industry knowledge with you.

LEARN TO...

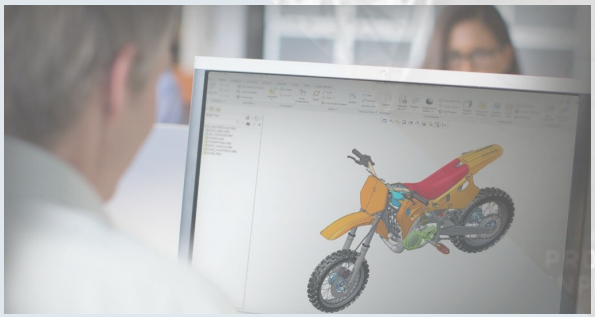
For students new to computer basics and modern computer usage, we offer introductory courses in a variety of beginner topics such as Windows, Microsoft, Computer Literacy, and more.

Brush up on the basic mathematic skills essential to the discipline - including Algebra, Trigonometry, Geometry, Precalculus, and Calculus.

Learn to master new or updated versions of Engineering software.

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)
- Total Quality Management (TQM)
- Certified SolidWorks Associate (CSWA)
- Certifications in Microsoft Office 365 Associate Specialist for Outlook, Word, Excel, PowerPoint, and Access



CORE CURRICULUM FOR THIS PROGRAM INCLUDES...

- Algebra (Linear) Essentials
- Trigonometry, Precalculus, & Calculus I
- Engineering Mechanics: Statics
- Engineering Mechanics: Dynamics
- Strength of Materials & Structures I
- Thermodynamics in Engineering

ADDITIONAL ELECTIVE TOPICS INCLUDE...

- Materials Science: Physical Metallurgy
- Geometry
- Calculus II-III
- Differential Equations
- Physics
- Chemistry
- Fluid Mechanics
- Heat Transfer
- Machine Design
- System Dynamics & Controls
- Probability & Statistics
- Data Analysis
- MATLAB, LabVIEW, & Mathematica
- CFD, FEA Essentials & Principles
- Engineering Drawing & Graphics
- 3D CAD Modeling
- SolidWorks - Beginner to Advanced
- SolidWorks CSWA, CSWP, and CSWE Preparation
- Creo - Beginner to Advanced
- Mastercam Lathe, Multi-Axis, & Mill
- GD&T Essentials to Advanced
- Project Management & General Management
- Additive Manufacturing (3D Printing)
- Computer Literacy
- Zoom
- Public Speaking for Engineers
- Communication Skills
- Business Etiquette
- Networking & Interviewing Techniques
- Product Development
- *and more.*

To learn more about this program, please visit:
https://www.visible-edge.com/mechanical-engineering-review/