

On Your Schedule!

Designed for the individual who needs fast and flexible training options.

Program options allow training remote or in-center, when they want to, while maintaining on-demand access to Ve-I instructors. Students can access training lessons online 24/7 for self-study.

Remote Attendance: Tap directly into our training center remotely and work with our on-staff instructors, on-demand, like you would in a physical training room. Instructors can talk to the students and view their workstation session to assist or share their own screen to lecture.

In-Center Attendance: For a small, one-time, incremental fee, students can upgrade their program and attend training in our physical training center. As always, our instructors are available on-demand when you need them. Ve-I provides the facility, workstation & software required to execute the coursework. You can attend based on your schedule, not ours. Attendance need not be contiguous. We accommodate your schedule!

If you do not see what you want listed, just ask!
Older software revisions supported.

Ve-I is State of MA Section 30 & TAA Approved
Program is WIOA/Section 30/Trade Act Eligible
Ve-I is a Licensed Post-Secondary Education Institution

We are a Veteran Friendly Institution



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

Classes can be taken individually

Pricing is subject to revision at any time. Ve-I reserves the right to change fees, courses, topics, policies, programs, services and personnel as required. "Unlimited" 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. Most course material can be accessed 24/7 for afterhours study. Instructor support is limited to purchased training materials and labs. Remote students must have access to legal CAD Licenses and required modules for the training. A Student Edition may be supplied for an additional fee. Remote setup assistance is included.

Fundamental & Advanced Manufacturing Program

This program teaches you the basics of manufacturing processes and how companies manage and improve these processes. You will learn skills and concepts in the emerging field of Additive Manufacturing (3D Printing), Process Improvement, Design for Manufacturing & Assembly (DFMA), Lean Manufacturing, machine code generation, CNC Toolpath Optimization, basics of machining and fabrication and how to create and manage technical documentation that will be used in the manufacturing process.



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Please visit our website for more program details:
<https://www.visible-edge.com/education-programs/>
& <https://www.visible-edge.com/skills-optimization/>

Visible Edge Institute



Core Courses

Manufacturing & Process Improvement

Total Quality Management Certification (TQM)

Lean/Six Sigma Healthcare Green Belt Cert.

Failure Modes & Effects Analysis (FMEA)

Kaizen (Process Improvement methods)

Lean/Six Sigma Green Belt Certification

3D Printing / Additive Manufacturing

Lean Management Certification

Six Sigma Green Belt (DMAIC)

Value Stream & Process Flow

Integration Management

Value Stream Mapping

Process Improvement

Root Cause Analysis

Intro to DFMA

Agile / Scrum

Kanban

Visio

IoT

Project Work*

Design & fabricate a part using 3D printing.

Additional Project Work

Manufacturing Electives

Introduction to GD&T

Engineering Drawing & Design

Fundamentals of GD&T ASME Y14.5 1994/2009

GD&T ASME Y14.5 2009 Update, Advanced GD&T,

MasterCAM, CAMWorks

**Certificate Programs Only*

Data Management Electives

Creo Parametric Data Management

SolidWorks Data Management

AutoCAD Data Management

ECAD Data Management

Project Management Electives

Project Management Fundamentals,

Microsoft Project Level 1 & 2,

Certified Associate in Project Management

*(CAPM)[®] Certification Preparation**

Enterprise PLM System Electives

Locate and View Information, Standard Document

Management, Change Management, Introduction

to PLM for Non-CAD Users, Information Viewers,

Reviewers and Approvers, Document Editors and

Authors, Engineers & Managers, Manufacturing

Engineers, Configuration Managers, Introduction

to PLM Manufacturing, ECAD Visualization,

Visualization Lite

Other courses and topics available. Please ask for additional details and available additions to this program. We can customize to your requirements.

This program is available as both a Certificate Program and a Skills Optimization Program.

Creo Electives

Geometry Creation

Introduction to Parametric Modeling, Detailing,

Sheetmetal Design, Flexible Modeling, Adv.

Modeling, Advanced Assembly Design, Structural

Steel Design, Weldments, Additive Manufacturing

Manufacturing

Turning, Advanced Turning and Multi-task

Machining,

Milling, Mold Design, ProNC, Process for

Assemblies, Tolerance Analysis Extension

Routed Systems

Introduction to Schematics, Routed Systems

Designer (RSD), Piping using Parametric Modeling,

Piping Schematic Design using RSD, Cabling using

Parametric Modeling, ECAD-MCAD Collaboration

SolidWorks Electives

Geometry Creation

SolidWorks I – Introduction, SolidWorks II –

Advanced SolidWorks, Drawings, Advanced Part

Modeling,

Advanced Assembly Modeling,

Sheetmetal, Weldments

Manufacturing

Mold Tools and Plastic Design, Mold Design

Routed Systems

Routing – Piping & Tubing