

Ve-I
A Division of Visible Edge®, Inc.

Visible Edge Institute

2026 Program Catalog

Ve-I®

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PRESIDENT'S MESSAGE

We are unique…. Our FOUNDATION is in the industries that want to hire you!

Ve-I is the Education & Training division of Visible Edge, Inc. We have been servicing the needs of the business community for over 35 years. The Resource & Staffing and Technology & Integration Services divisions of Visible Edge allow us to have direct contact and immediate feedback from major employers all over North America. Our staff works in the trenches, having daily interactions with the companies that want to hire you! Our close ties to industry ensure students are learning the skills that will maximize their chances of employment. Our environment encourages students and staff to interact and challenge themselves.

Our Viewpoint……*is focused*

After years in the trenches, we have observed that unemployed individuals who need to find a job, but need their skills updated, have only had two choices. They can either enroll in a college program and hope they do not starve for the 2 + years until a degree is earned... or they can take some classes at a traditional training center and try to convince an employer that a week or two of training taught them all the skills they need to be employable again. It is not enough. That is where we come in. Our Certificate & Diploma programs give just the right skills to get you the employment you are looking for at a cost that you can afford over time that demonstrates that you have a strong grasp of the subject material taught.

Our STAFF……*is exceptional*

We have practical, current, pertinent industry knowledge. Our instructors are seasoned and respected professionals in the subjects they teach. They are still working in the trenches through the Visible Edge customer base. The Ve-I administrative staff is here to accommodate your needs including Career Counseling and Development and Outplacement Services.

Our GOALS…… *are the same as yours*

The success of Ve-I's programs, courses and services can be measured by the continued employment of our students in industry along with the fact that we have consistently been a top training center in North America for over 30 years. **Whether it is to become employed or to advance your career**, Ve-I provides the most cost-effective means to learn the necessary skills to achieve your goals. The value packed curriculums together with the aggressive pace are geared towards rapid achievement of your employment goals without sacrificing quality.

On behalf of Ve-I, I extend an invitation to you to visit our campus. We are located in The Millyard Technology Park, a beautifully renovated textile mill that has been one of the technology cornerstones of New Hampshire for over 175 years. Ve-I welcomes the opportunity to help you navigate your educational journey.



Mark Harwood
President

MISSION

As a Licensed Post-Secondary Educational Institution through the Department of Education, we are committed to maximizing the value students receive from an education at Ve-I. Our mission is to provide pertinent industry relevant training to students, thereby maximizing their employment and earnings potential.

VISION

Ve-I provides flexible, cost-effective education services to the rapidly changing job market. Building on our commitment to provide the highest possible quality of instruction we will continue to develop innovative ways to deliver training both in-center and remotely in an effort to maximize the acquisition of pertinent knowledge while minimizing the time away from the workplace.

We will meet the changing business resource needs of the companies we serve. Through constant communication with our customer base, we have become the preferred provider of resources in the fields of AI, Cybersecurity & IT, Design, Engineering, Manufacturing, Production, Digital Marketing & Web Development, Animation, Graphic Design, Game Design & Development, Entrepreneurship, Business Process Improvement, HR, Data Analytics and Business Intelligence, Data Science, Machine Learning, CAD Applications, Project Management Professionals, Office Administration Professionals and other STEM related disciplines.

To achieve this vision, Ve-I will focus on providing the following:

- Value
- Expertise
- Technology
- Outplacement
- Workforce Development



CORE VALUES

Ve-I addresses two major areas through its core values:

Striving for Excellence

Ve-I focuses on achieving results that improve its reputation by:

- Having high expectations for faculty, staff, and students
- Being learner-focused to meet the various needs of our students
- Providing challenging learning opportunities and appropriate related services
- Developing integrated learning communities and interdisciplinary curricula
- Documenting institution outcomes
- Encouraging continuous improvement and growth through systematic evaluation and the refinement of programs, services, and processes

Innovation

Ve-I will encourage risk-taking to meet the changing needs of the marketplace and our key stakeholders by:

- Being flexible and willing to adapt to changing needs of the community
- Anticipating and capitalizing on opportunities for institutional grow

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GUIDING PRINCIPLES

Ve-I recognizes the desire most people have for gainful employment. Before introducing new courseware, we ask ourselves; “Is there a demand for the knowledge being transferred to the student”. We focus our efforts on curriculum that is going to drastically increase our students’ chances of gainful employment. We are not a college preparatory institution. We prepare people for immediate entry into the workforce. Our ability to help our students fulfill this goal will be the ultimate measure of our success. To aid in this process we have developed relationships with other educational institutions as well as business and industry leaders.

EDUCATIONAL PHILOSOPHY

Ve-I provides a variety of educational programs & instructional methods. The major aim of Ve-I is to assist students to become skilled workers in discipline specific areas. We are not striving to create generalists. We are striving to teach people how to gain employment with a company and keep it by getting the job done accurately and efficiently. We encourage our students to be open to all opportunities an employer may present.

SELF-EVALUATION PROCESS

Visible Edge Institute maintains an ongoing self-evaluation process to assess program quality, relevance, and effectiveness. Students are provided with a Program Evaluation at the conclusion of their training program to provide feedback on their educational experience, course content, instruction, and overall program value. Instructors also routinely review and vet instructional content and participate in ongoing training to help ensure that curriculum, technologies, and instructional materials remain current, relevant, and valuable to students and the industries they are preparing to enter or advance within. Through the Technology & Integrations pillar of our company we continue to work with 100's of companies to incorporate their skills needs, requirements and feedback into our curriculums.

HISTORY

Ve-I's parent, Visible Edge Computing, Inc. was founded in 1989 providing full-service engineering & design solutions to clients from small home businesses to "Fortune 100" corporations and their outsourcing vendors. They are owned and operated by degreed Engineers, each with 35+ years' experience managing and working in engineering environments.

Education & Training Services

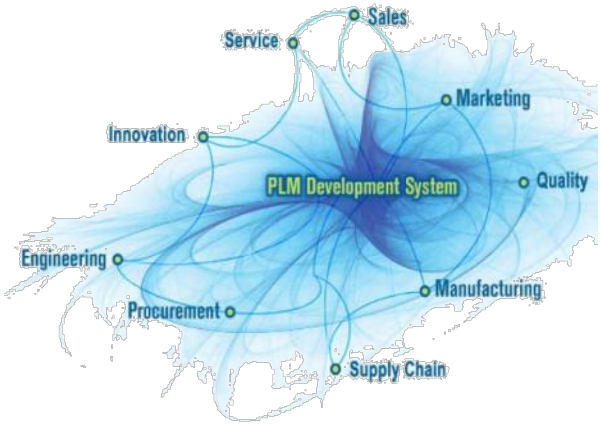
Ve-I, the training division of Visible Edge Computing, Inc, has been providing both applications specific training and career related certificate & diploma programs for over 30 years. We are a Bonded & Licensed Post-Secondary Educational Institution. We offer application specific courses for current MCAD Systems, Cybersecurity & IT, Design, Engineering, Manufacturing, Production Technologies, Digital Marketing & Web Development, Animation, Graphic Design, Game Design & Development, Data Analytics and Business Intelligence, Data Science, Machine Learning, AI, CAD Application Specialists, Entrepreneurship, Business Process Improvement, HR, Project Management Professionals, Office Administrators, Robotics, and other STEM related disciplines. Our programs are flexible, comprehensive and solution oriented, utilizing lectures, demonstrations, and extensive hands-on lab exercises.

Resource & Staffing Services

Since 1989 our resource & staffing services have included, but have not been limited, to product development, IT support, project management, PDM/PLM services, design automation, animation, structural/thermal analysis, part & machine design, modeling & drawing creation, manufacturing, digital marketing, robotics, and other STEM fields. These services can be provided on demand from our facility or on-site at our clients'. We cater to a wide range of vertical markets including, but not limited to, aerospace, defense, semiconductor, medical, military, robotics, electronics, consumer, energy, petro-chemical and capital equipment industries.

Technology & Integration Services

Since 1989 our technology & integration services have included, but have not been limited to, the implementation & support of best-in-class, enterprise-wide product development and data management applications. As technology & integration specialists, Visible Edge, Inc. provides software, hardware & consulting support to keep our customers' product development environments running at peak efficiency.



PROGRAMS OF STUDY

Our programs provide comprehensive, industry-focused training designed to develop essential skills and enhance employment opportunities. Each program offers a variety of specialized electives to support individual career goals. Program lengths range from 200 to 750+ hours, depending on program level and selected electives.

Information Technology & Cybersecurity

- Cloud Computing Technologies
- Cybersecurity & Information Technology (IT)
- Information Technology Essentials
- IT Help Desk Support Technologies
- Microsoft (Office) 365 Administration Technologies
- Network Administration Technologies
- Windows Desktop & Server Administration Technologies

Data Analytics, Data Science, GIS, & Software

- Artificial Intelligence (AI) Technologies
- Artificial Intelligence (AI) for the Workplace
- Data Analytics Applications Specialist
- Data Analytics Technologies
- Data Science & Machine Learning Technologies
- GIS and Digital Cartography Technologies
- Software Engineering Technologies

Management & Office Administration

- Business Process Improvement Technologies
- Entrepreneurship & Business Technologies
- Healthcare Administration Technologies
- Hospitality & Food Service Management
- Human Resources (HR) Technologies
- Office Administration & Support Technologies
- Project Management (PMP/CAPM/PM)

Exploratory Programs

- Open Career Studies (Undeclared)
- Science & Technology Exploration Program (STEP)

Marketing & Graphic Design

- Digital Marketing and AI Technologies
- Digital Marketing Applications Specialist
- Digital Marketing & Web Design Technologies
- Digital Marketing & Graphics Design
- Game Design and Development Technologies
- Graphic Design Applications Specialist
- Graphic Design Technologies

Mechanical & Architectural

- AutoCAD Design Applications Specialist
- Creo Mechanical Design Applications Specialist
- Inventor Mechanical Design Applications Specialist
- Mechanical Design Technologies
- Mechanical Engineering Review
- Mechanical Engineering Technologies
- SolidWorks Mechanical Design Applications Specialist

Building & Construction

- Architectural Design Technologies
- Building & Construction Design Applications Specialist
- Civil Design Technologies
- Revit Architectural Design Applications Specialist

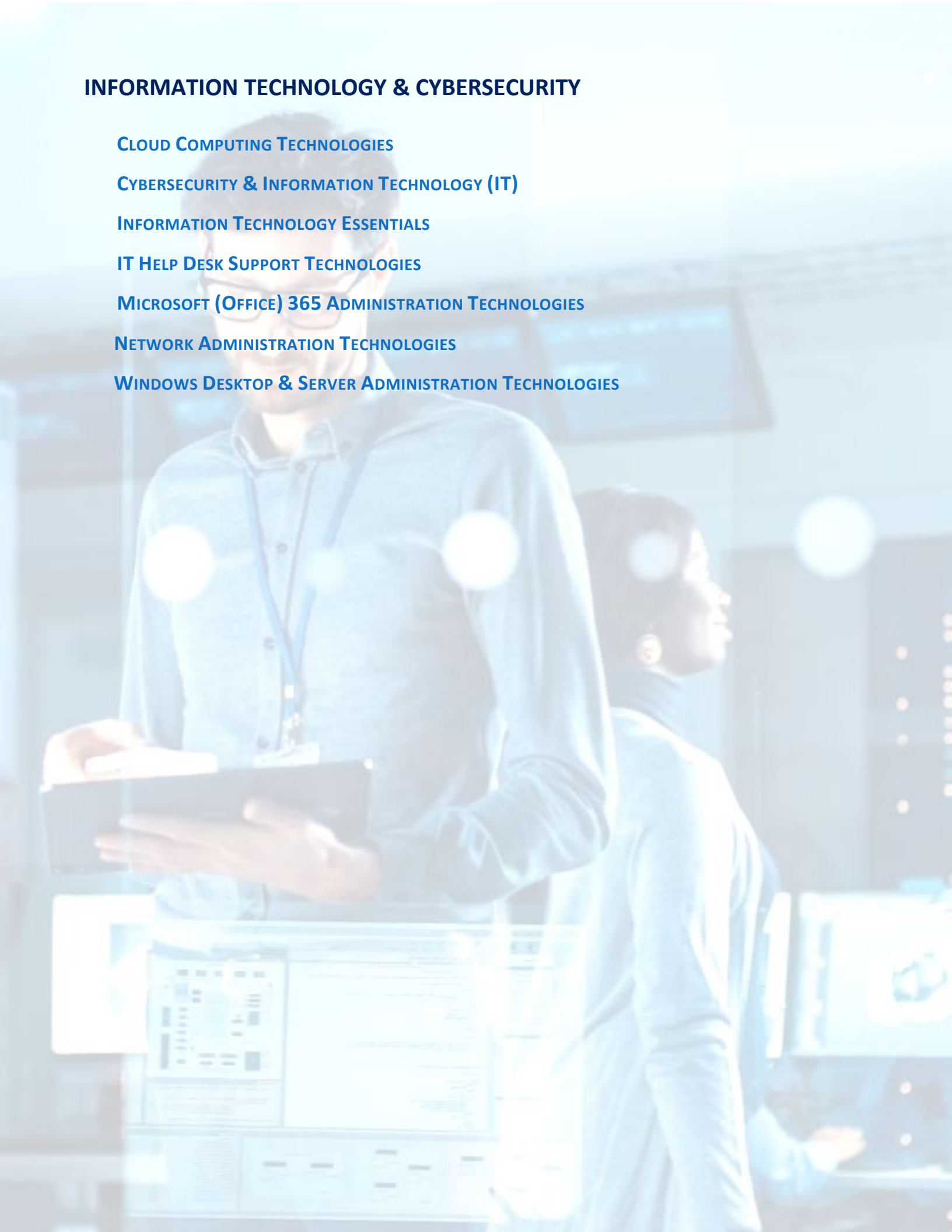
Robotics, Manufacturing, and Production

- Advanced Manufacturing Technologies
- Manufacturing Applications Specialist
- Production Technologies
- Robotics & the Internet of Things (IoT)

Please note that in an effort to provide the most up to date training possible the actual course titles shown in the following program outline may vary from the titles in the actual training materials as applications software and training materials are frequently updated. Please see the Addendum for the full list of courses for each program. Tip: Use "Alt-Left Arrow Key" to return here after selecting a link above.

INFORMATION TECHNOLOGY & CYBERSECURITY

- Cloud Computing Technologies
- Cybersecurity & Information Technology (IT)
- Information Technology Essentials
- IT Help Desk Support Technologies
- Microsoft (Office) 365 Administration Technologies
- Network Administration Technologies
- Windows Desktop & Server Administration Technologies



Cloud Computing Technologies

Build practical, multi-cloud skills across Microsoft Azure, Amazon Web Services (AWS), and Google Cloud while preparing for industry-recognized cloud certifications.

Program Overview

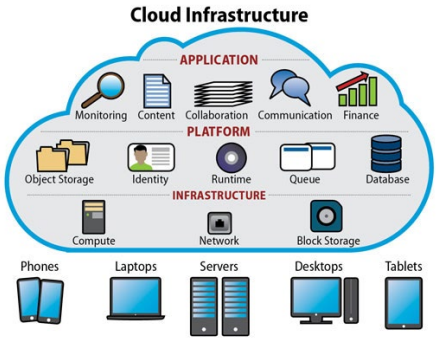
Cloud Computing Technologies provides a practical, platform-agnostic foundation for individuals pursuing or advancing careers in cloud computing, IT infrastructure, and systems administration. Students build core knowledge of cloud service models, shared responsibility, global infrastructure, cost management, and security before applying these concepts across Microsoft Azure, AWS, and Google Cloud. Training can be customized around each student's experience, career goals, and certification interests.



Cloud Platforms & Administration

Students develop hands-on skills for administering modern cloud environments, including compute, storage, virtual networking, identity and access management, monitoring, logging, backup, disaster recovery, and governance. Training explores Azure, AWS, and Google Cloud administration while reinforcing scripting and automation, PowerShell, infrastructure fundamentals, Microsoft 365, SharePoint, and approaches for managing hybrid and multi-cloud environments.

Cloud Architecture, Security & Automation

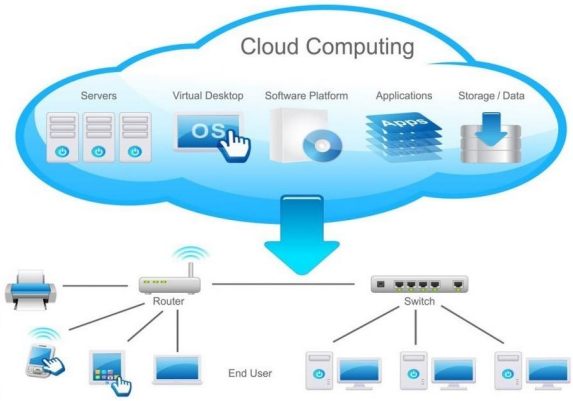


Students learn to evaluate workloads, select appropriate cloud services, and design baseline architectures with consideration for performance, reliability, cost, compliance, and scalability. Security-by-design principles include identity and access controls, encryption, role-based access, policy and governance, zero-trust fundamentals, cost and risk controls. Elective study may extend into cloud security, databases, Kubernetes, IoT, programming, automation, and AI and machine learning services.

Certification Pathways

Core certification preparation includes Microsoft Azure Fundamentals (AZ-900) and AWS Certified Cloud Practitioner. Additional pathways may include Microsoft Azure Administrator (AZ-104), AWS Certified Solutions Architect – Associate, Google Cloud certifications, Microsoft Azure AI Fundamentals, AWS AI Practitioner, Microsoft 365, Azure Database Administration, Kubernetes and Cloud Native Associate (KCNA), Certified Kubernetes Administrator (CKA), Certified

Kubernetes Application Developer (CKAD), and other cloud, AI, cybersecurity, and IT credentials. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.



Customized Electives

More than 150 related electives allow students to customize their training around professional goals and technical interests. Options may include Azure and AWS infrastructure, Google Cloud, cybersecurity and cloud security, artificial intelligence and machine learning, Microsoft 365 and SharePoint, databases, Kubernetes, IoT, PowerShell, programming and automation, prompt engineering, generative AI, governance, and professional IT certification preparation.

Practical, Career-Focused Learning

Through hands-on labs, certification practice, exercises, and a cloud computing capstone project, students apply cloud technologies to practical workplace challenges. Training develops skills for provisioning, managing, securing, and supporting cloud resources; evaluating architectural tradeoffs; implementing operational guardrails; and communicating cloud value to business stakeholders. These capabilities support career development in cloud administration, systems and infrastructure administration, cloud support, security, automation, architecture, and related technical roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.



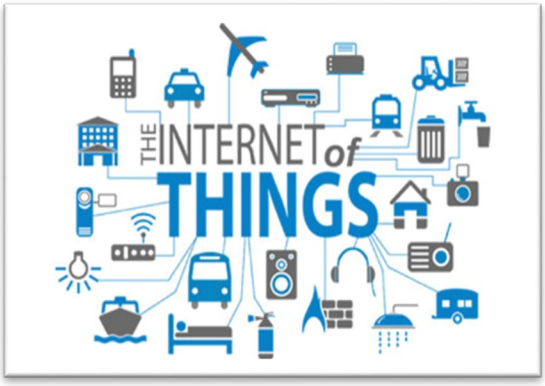
A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/cloud-computing-technologies/.

Cybersecurity & Information Technology (IT)

Build practical IT, networking, cloud, and cybersecurity skills while preparing for industry-recognized certifications and modern technical roles.

Program Overview



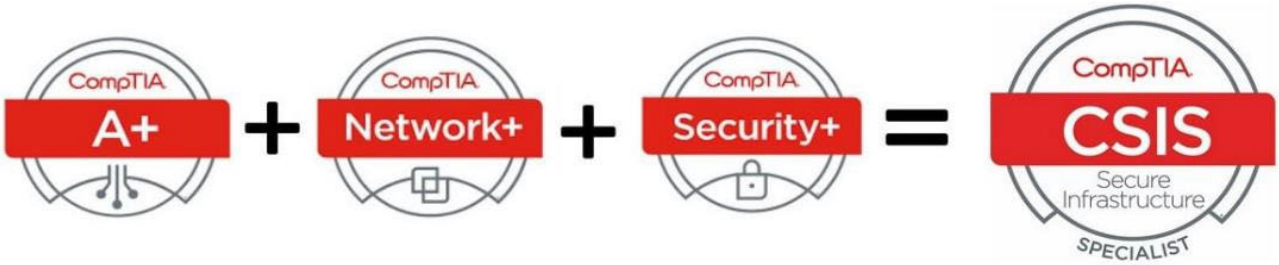
Cybersecurity & Information Technology (IT) is designed for students ranging from beginners entering IT to experienced professionals expanding their technical and cybersecurity skills. Students build foundations in networking, system security, administration, and troubleshooting with optional electives in cybersecurity operations, ethical hacking, penetration testing, cloud technologies, and automation. Training will be customized around each student's experience, career goals, and certification interests.

Information Technology & Cybersecurity

Students develop practical skills in IP networking, routing and switching, wireless technologies, Windows Server administration, troubleshooting, and network analysis with tools such as Wireshark. Cybersecurity training advances into defense-in-depth, system hardening, identity and access management, cryptography, security monitoring, incident response, vulnerability assessment, ethical hacking, and penetration testing with tools such as Metasploit. PowerShell and other automation techniques help students streamline common IT and security tasks.

Cloud, Security & Modern IT Operations

Students expand their skills into cloud administration across Microsoft Azure, AWS, and Google Cloud, including identity and access management, virtual networking, compute and storage, shared-responsibility models, security, and cost governance. Training may also include Microsoft 365, cloud architecture, Kubernetes, Linux, and cloud-native technologies. AI is incorporated as a supporting technology through secure prompting, AI fundamentals, automation, documentation, ticket triage, log analysis, and responsible use of AI within IT and cybersecurity workflows.



Certification Pathways

Core certification preparation includes CompTIA Network+ and Security+. Additional pathways may include CompTIA PenTest+ and CySA+, ISACA CISM, CISSP, Microsoft Azure Fundamentals (AZ-900), Azure Administrator (AZ-104), Azure AI Fundamentals (AI-900), AWS Certified Cloud Practitioner, AWS Certified Solutions Architect – Associate, AWS AI Practitioner, Microsoft 365, Kubernetes certifications, Python credentials, and other applicable IT, cloud, AI, and cybersecurity certifications. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

A wide range of electives allows students to customize their training in areas such as cybersecurity operations and threat management, ethical hacking and penetration testing, cloud administration and architecture, cybersecurity risk management and forensics, Wireshark, Metasploit, PowerShell, Microsoft 365, Windows Server, Linux, Kubernetes, Python, IT automation, AI and prompt engineering, cloud-based AI services, and cybersecurity governance.

Practical, Career-Focused Learning

Through hands-on labs, certification practice, exercises, and optional cybersecurity and IT systems capstone, students apply technical skills to practical workplace challenges. Training may include designing and defending hybrid network and cloud environments, performing packet-level diagnostics, automating remediation with PowerShell, validating security controls, and communicating technical risk. These capabilities support career development in IT support, network and systems administration, cybersecurity operations, cloud support, security analysis, and penetration testing.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/cybersecurity-information-technology-it/

Information Technology Essentials

Build practical IT support, troubleshooting, administration, and cloud skills while preparing for industry-recognized certifications and entry-level technology roles.

Program Overview

Information Technology Essentials is designed for individuals seeking to enter IT, transition into a technical career, or formalize existing technology skills. Students build foundational knowledge in computer hardware, operating systems, networking, security, troubleshooting, and service desk practices before expanding into systems administration, cloud technologies, and automation. Training can be customized around each student's experience, career goals, and certification interests.



IT Support & Troubleshooting

Students develop practical skills in computer hardware, peripherals, Windows, macOS, Linux, applications, wired and wireless networking, security, PC maintenance, and systematic troubleshooting. Training emphasizes diagnosing hardware, software, operating system, and connectivity issues while developing service desk skills including customer communication, documentation, ticketing workflows, remote support, and effective end-user assistance.

Windows, Systems & Cloud Administration

Students' progress into Windows Server and network administration, PowerShell and automation, cybersecurity fundamentals, Microsoft 365 and SharePoint administration, and cloud technologies including Microsoft Azure and AWS. Training may also include virtualization, Linux, network services, cloud tenant administration, and infrastructure fundamentals. AI is incorporated as a supporting technology through prompt engineering, cloud-based AI services, troubleshooting, automation, documentation, and other practical IT workflows.

Certification Pathways

Core coursework and hands-on preparation support the CompTIA A+ certification. Additional pathways may include Microsoft Azure Fundamentals (AZ-900), Microsoft 365 Administrator (MS-102), Microsoft Azure AI Fundamentals (AI-900), AWS AI Practitioner, Microsoft IT Support Specialist, Microsoft 365 and cloud credentials, Python PCEP, and other applicable IT, cloud, AI, and cybersecurity certifications. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

More than 200 related electives allow students to customize their training around professional goals and technical interests. Options may include Windows Server, network administration, cybersecurity, PowerShell and automation,

Microsoft 365 and SharePoint, Azure and AWS, Linux, Python, AI and prompt engineering, cloud and AI platforms, healthcare IT, business process automation, and additional professional IT certification preparation.

Practical, Career-Focused Learning

Through hands-on labs, certification practice, troubleshooting exercises, service desk scenarios, and an information technologies capstone project, students apply technical skills to practical workplace challenges. Training develops the ability to install, configure, maintain, secure, and troubleshoot computer systems, support end users, administer workplace technologies, and automate common tasks. These capabilities support career development in IT support, help desk and service desk operations, desktop support, junior systems administration, network support, and related technical roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/information-technology-essentials/.



IT Help Desk Support Technologies

Build practical troubleshooting, Microsoft 365, IT service management, and customer support skills for modern help desk and technical support environments.

Program Overview

IT Help Desk Support Technologies is designed for individuals entering or advancing in end-user IT support and service desk roles. Students develop customer-focused support skills while building practical experience with Windows, Microsoft 365, networking, troubleshooting, ticketing, and IT service management. Training can be customized around each student's experience, career goals, and certification interests.

Technical Support & Troubleshooting

Students learn to configure and support Windows 11 environments, diagnose hardware, software, performance, and connectivity issues, and apply effective troubleshooting techniques. Training includes Microsoft 365 applications, Teams, OneDrive, SharePoint Online, networking fundamentals, endpoint security, identity and access concepts, patching, and safe escalation practices. Students also develop skills in ticket triage, root-cause analysis, documentation, knowledge-based development, and modern support platforms such as Zendesk.



Customer Service, ITSM & Communication

Students develop the communication and service skills required for customer-focused technical support, including professional phone, chat, and email communication, expectation management, de-escalation, conflict resolution, time management, and effective case documentation. ITIL concepts reinforce incident, request, and problem management, SLA-aware workflows, knowledge reuse, and continuous improvement. AI tools are incorporated as supporting resources for technical research, troubleshooting, documentation, knowledge creation, and other IT support workflows.

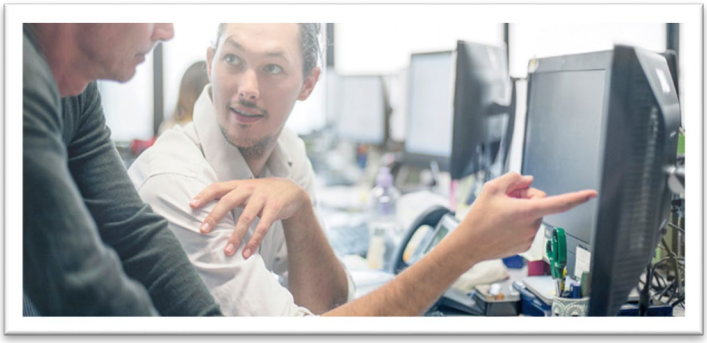
Certification Pathways

Core certification preparation includes Zendesk Customer Service Professional, ITIL 4, and Microsoft Azure Fundamentals (AZ-900). Additional pathways may include Microsoft Teams Administrator Associate (MS-700), Microsoft Endpoint

Administrator Associate (MD-102), Microsoft Azure AI Fundamentals (AI-900), Microsoft 365 Administrator (MS-102), Microsoft 365 Fundamentals (MS-900), Microsoft Office Specialist credentials in Word, Excel, PowerPoint, and Outlook, and other applicable IT, cloud, AI, and support certifications. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

More than 200 related electives allow students to customize their training around professional goals and technical interests. Options may include cybersecurity and cloud security, Linux and cloud administration, Microsoft 365, endpoint and Teams administration, Azure, IT automation and PowerShell, AI and prompt engineering, SharePoint, Visio, Microsoft Office applications, healthcare IT, cloud platforms, and additional professional IT and certification preparation.



Practical, Career-Focused Learning

Through hands-on labs, ticketing exercises, support simulations, certification practice, and optional IT help desk capstone project, students combine technical troubleshooting with effective communication and customer service. Training may include simulated phone, chat, and email support, endpoint troubleshooting, ticket management, documenting resolutions, developing knowledge articles, and identifying improvements that reduce repeat issues. These capabilities support career development in help desk, service desk, desktop support, Microsoft 365 support, technical support, and related IT roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/it-help-desk-support-technologies/.

Microsoft (Office) 365 Administration Technologies

Build practical Microsoft 365 administration, security, cloud, and user-support skills for the modern workplace.

Program Overview

The Microsoft (Office) 365 Administration Technologies program develops the skills needed to administer, secure, troubleshoot, and support Microsoft 365 environments. Training combines Microsoft 365 administration with identity, endpoint management, security, collaboration, and user support, preparing students to work across cloud-based and hybrid business environments.

Microsoft 365 Administration & Cloud Services



Students develop skills in Microsoft 365 tenant administration, organizational settings, users, licensing, roles, service health, and collaboration technologies including Teams, SharePoint, and OneDrive. Core training prepares students for Microsoft 365 Administrator (MS-102) certification while developing practical knowledge of how Microsoft cloud services work together across an organization.

Identity, Security & Endpoint Management

Training covers Microsoft Entra ID, identity and access management, multifactor authentication, Conditional Access, Microsoft Defender, Microsoft Purview, and related security and compliance technologies. Students may also develop Windows and endpoint administration skills using technologies such as Intune, Autopilot, and PowerShell while learning to troubleshoot devices, applications, access, and common user issues.



AI & Automation Technologies

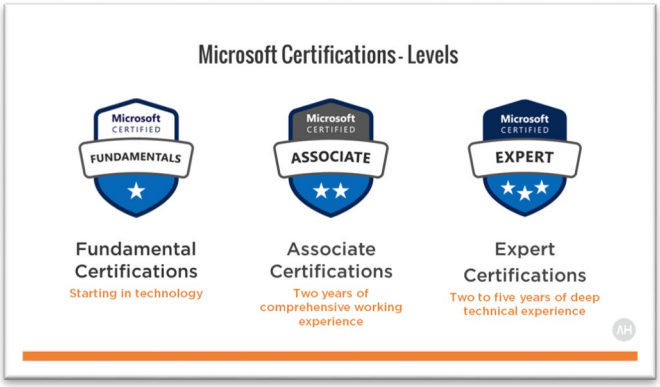
AI and automation can be incorporated into Microsoft 365 and IT administration workflows for research, troubleshooting, documentation, user communications, cybersecurity, and productivity. Electives may extend into generative AI, AI agents, Python automation, PowerShell, cloud-based AI applications, and AI-enabled cybersecurity and infrastructure management.

Certification Pathways

Core coursework prepares students for the Microsoft 365 Administrator (MS-102) certification. Depending on experience and career goals, additional pathways may include Microsoft Azure Fundamentals (AZ-900), Azure AI Fundamentals (AI-900), Azure Administrator (AZ-104), Microsoft 365 Fundamentals (MS-900), Endpoint Administrator (MD-102), Teams Administrator (MS-700), and other applicable Microsoft, cloud, cybersecurity, AI, and IT credentials. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training in Microsoft 365, SharePoint, Azure, AWS, Google Cloud, cybersecurity, cloud security, virtualization, PowerShell, endpoint administration, AI, Python automation, healthcare IT, and related technologies. Electives allow training to be aligned with existing experience, certification objectives, and specific IT or cloud career goals.



Practical, Career-Focused Learning

Practice exams, labs, projects, troubleshooting exercises, and an optional capstone help students apply Microsoft 365 administration skills to realistic workplace environments. Training supports career development in Microsoft 365 administration, endpoint and systems administration, cloud operations, IT support, cybersecurity, and related technology roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/microsoft-office-365-administration/.

Network Administration Technologies

Build practical skills to configure, secure, automate, monitor, and troubleshoot modern enterprise networks across on-premises, cloud-connected, and hybrid environments.

Program Overview

Network Administration Technologies prepares individuals entering or advancing in IT to design, configure, secure, and support modern network infrastructure. Students build CompTIA Network+ foundations while developing practical skills in network architecture, IP addressing, switching and routing, wireless technologies, virtualization, security, monitoring, and troubleshooting. Training can be customized around each student's existing skills, career goals, and certification interests.



Network Infrastructure & Administration

Students develop skills in OSI and TCP/IP models, IPv4/IPv6 addressing and subnetting, DHCP, DNS, NAT, cabling and wireless standards, VLANs, switching, routing, and network services. Training emphasizes configuring and troubleshooting Layer 2 and Layer 3 connectivity while exploring virtualization, cloud connectivity, Windows Server administration, PowerShell, and the technologies used to maintain reliable business networks.

Network Security, Monitoring & Automation

Students learn network protection practices including segmentation, access controls, WLAN security, secure remote access, hardening, patching, and basic IDS/IPS concepts. Wireshark supports packet-level traffic analysis, troubleshooting, and identification of network or security issues, while Python and PowerShell can be used to automate administrative tasks, audits, and log processing. AI tools such as ChatGPT may support technical research, documentation, troubleshooting, and the development of scripts for review.



Certification Pathways

Core coursework, practice exams, simulations, and hands-on preparation support the CompTIA Network+ certification. Additional pathways may include Microsoft Azure Fundamentals (AZ-900), Microsoft Azure AI Fundamentals (AI-900), AWS Certified Cloud Practitioner, AWS AI Practitioner, Kubernetes credentials including KCNA, CKA, and CKAD, Python PCEP, Microsoft 365 Fundamentals (MS-900), and other applicable networking, cloud, AI, cybersecurity, and IT certifications. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

More than 100 related electives allow students to customize their training around professional goals and technical interests. Options may include cybersecurity and network defense, Windows Server, Azure and AWS, PowerShell, Python automation, Wireshark, ethical hacking, Visio, IoT systems, Arduino and Raspberry Pi development, cloud and Kubernetes administration, Microsoft 365, AI and prompt engineering, and other emerging network and infrastructure technologies.

Practical, Career-Focused Learning



Through hands-on labs, practice exams, simulations, troubleshooting exercises, and an optional network administration capstone project, students apply networking skills to practical workplace challenges. Training may include designing secure networks with Wi-Fi, VLANs and routing, analyzing traffic with Wireshark, documenting network configurations in Visio, automating administrative tasks, and working with IoT and cloud-connected environments. These capabilities support career development in network administration, systems support, infrastructure, network operations, and related technical roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/network-administration-technologies/.

Windows Desktop & Server Administration Technologies

Build Windows desktop, server, automation, and hybrid-cloud administration skills for modern IT environments.

Program Overview

The Windows Desktop & Server Administration Technologies program develops the skills needed to configure, secure, maintain, automate, and troubleshoot Microsoft Windows environments. Designed for individuals building CompTIA A+ knowledge, training progresses from Windows desktop and server administration into PowerShell automation and Microsoft Azure hybrid-cloud technologies.

Windows Desktop & Server Administration

Students develop practical skills for administering Windows desktops and Windows Server environments, including configuration, deployment, storage, networking, virtualization, monitoring, maintenance, and troubleshooting. Training addresses Active Directory, DNS, DHCP, IP addressing, Hyper-V, remote administration, server roles, and other technologies supporting enterprise Windows infrastructure.



Hybrid Cloud & Azure Administration

Training extends traditional Windows administration into Microsoft Azure and hybrid environments. Students develop cloud fundamentals before progressing into Azure administration and Windows Server hybrid infrastructure, including identity, governance, compute, networking, storage, and integration between on-premises and cloud resources. Electives can expand into advanced hybrid services and AWS, Google Cloud, and Oracle technologies.



Automation, Security & AI Technologies

PowerShell develops scripting and automation skills for efficiently managing desktops, servers, users, and infrastructure. Additional training may incorporate cybersecurity, endpoint management, Microsoft 365, Python, and AI technologies. Tools such as ChatGPT and Google Gemini may support troubleshooting, research, documentation, configuration analysis, scripting, and administrative productivity.

Certification Pathways

Core coursework prepares students for Microsoft Azure Fundamentals (AZ-900), Microsoft Azure Administrator (AZ-104), and Administering Windows Server Hybrid Core Infrastructure (AZ-800). Additional pathways may include AZ-801, AI-900, CompTIA Network+, Microsoft 365 and Endpoint Administration, AWS certifications, Python, cybersecurity, and other applicable IT credentials. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training in cybersecurity, networking, PowerShell, Microsoft 365, endpoint administration, Azure, AWS, Google Cloud, Oracle Cloud, virtualization, Linux, Python, AI, healthcare IT, and related technologies. Electives allow training to align with existing technical experience, certification objectives, and specific systems or cloud administration career goals.

Practical, Career-Focused Learning

Hands-on labs, certification preparation, projects, troubleshooting exercises, simulations, and an optional capstone help students apply Windows desktop, server, networking, automation, and cloud skills to realistic IT environments. Training can support career development in systems administration, desktop support, hybrid-cloud administration, infrastructure operations, technical support, and related IT roles.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

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For additional program information, visit https://www.visible-edge.com/windows-desktop-server-administration-technologies/.

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DATA ANALYTICS, DATA SCIENCE, GIS, & SOFTWARE

Artificial Intelligence (AI) Technologies

Artificial Intelligence (AI) for the Workplace

Data Analytics Applications Specialist

Data Analytics Technologies

Data Science & Machine Learning Technologies

GIS and Digital Cartography Technologies

Software Engineering Technologies



Artificial Intelligence (AI) Technologies

Build practical skills to design, develop, evaluate, and deploy AI, machine learning, and generative AI solutions across language, vision, and emerging applications.

Program Overview

The Artificial Intelligence (AI) Technologies program develops end-to-end capabilities in modern AI, including deep learning, natural language processing, computer vision, generative AI, and intelligent decision systems. Students' progress from foundational neural network concepts into practical model development, evaluation, deployment, and responsible AI practices. Data science and machine learning prerequisites may apply and, depending on prior experience, may be incorporated into an individualized training pathway.

Deep Learning, NLP & Computer Vision

Students develop skills in neural networks, optimization, regularization, embeddings, convolutional neural networks, and transformer architectures while applying these concepts to language and vision problems. Training includes Natural Language Processing (NLP), text classification, language models, computer vision, image recognition, object detection, and related applications using Python and frameworks such as TensorFlow and PyTorch.



Generative AI & AI Development

Students may choose to progress into transformer-based large language models, prompt engineering, retrieval-augmented generation (RAG), model evaluation, fine-tuning concepts, safety and guardrails, and AI development workflows. Selected pathways may incorporate LangChain, generative image technologies, fuzzy logic, autonomous AI, AI agents, and MLOps concepts while emphasizing responsible development, data preparation, deployment, observability, and practical integration of AI into business and technical applications.

Certification Pathways

OpenAI

Core coursework supports the AI Developer certification assessment. Optional certification pathways may include Machine Learning Specialization, AI Product Manager Professional, TensorFlow Developer, AWS Generative AI Development, AI & ML Engineering with Microsoft Azure, Snowflake Generative AI Development, and AI Agent Developer Specialization. Successfully completing applicable certification assessments is required to obtain the corresponding certification.

Customized Electives

Advanced electives allow students to customize training toward AI development, implementation, or specialized applications. Options may include applied deep learning projects, TensorFlow, LangChain and large language models, generative AI, GANs, convolutional neural networks, autonomous AI, AI ethics, AI agents, R programming for data science, and cloud-based AI development with AWS, Microsoft Azure, and Snowflake.



Practical, Career-Focused Learning

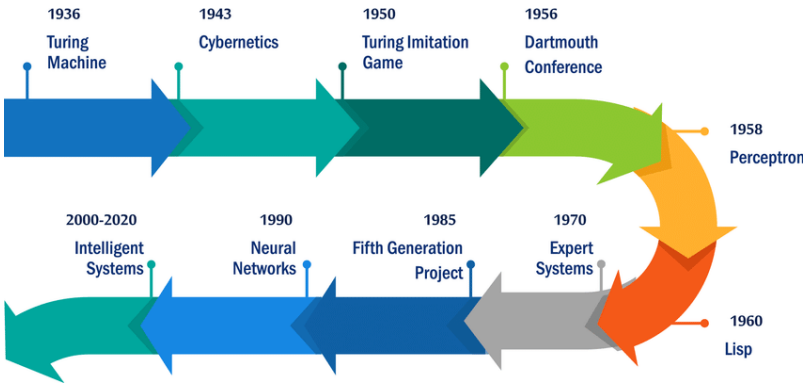
Through hands-on development, projects, case studies, simulations, and real-world scenarios, students apply AI and machine learning concepts to practical challenges. Training may include assembling datasets, training and evaluating models, developing language and vision applications, implementing generative AI workflows, and communicating technical tradeoffs and responsible AI considerations. These capabilities support skill development relevant to AI/ML engineering, generative AI development, AI solutions, MLOps, software integration, and AI-focused product roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/artificial-intelligence-technologies/.



Artificial Intelligence (AI) for the Workplace

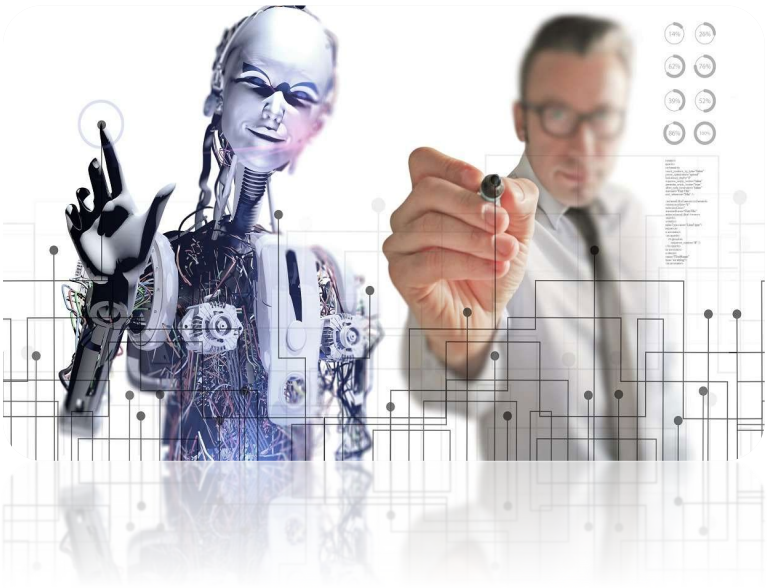
Build practical AI skills to improve productivity, decision-making, automation, and everyday work across modern business environments.

Program Overview

The Artificial Intelligence (AI) for the Workplace program equips professionals across business functions with practical skills for understanding, implementing, and responsibly using modern AI technologies. Rather than focusing primarily on AI development, students build AI literacy and learn to apply generative AI and other existing tools to productivity, analysis, communication, decision-making, automation, and business operations. Training can be customized around each student's profession, responsibilities, experience, and career goals.

AI Tools & Workplace Applications

Students may choose to develop practical skills in generative AI, prompt engineering, task automation, Microsoft 365 Copilot, business analysis, data analytics, and AI-assisted content creation. Training focuses on identifying useful workplace applications, developing effective prompts, automating repetitive knowledge work, analyzing information, improving workflows, and connecting AI initiatives to measurable business outcomes. Elective pathways can extend these capabilities into marketing, HR, sales, customer support, finance, healthcare, legal work, project and product management, design, education, and other professional functions.



Responsible AI & Business Integration

Students examine privacy, intellectual property, security, algorithmic bias, transparency, human oversight, data readiness, vendor and model risk, and other responsible AI considerations. Training also addresses AI strategy, governance, change management, employee adoption, use-case prioritization, and measuring business value. Students learn to establish appropriate guardrails and evaluate how AI can be introduced, monitored, and scaled while balancing organizational value, quality, compliance, and risk.



Certification Pathways

Core coursework supports the AI for Business Specialization certification assessment. Optional certification pathways may include Generative AI Task Automation, Prompt Engineering Essentials, Microsoft 365 Copilot Productivity, Generative AI for Business Analysis, AI for Business Foundations, Generative AI Strategic Leadership, Managing AI (PMI-CPMAI), AI Product Management, Generative AI Program and Project Management, and additional credentials spanning marketing, data analytics, software development, healthcare, finance, cybersecurity, and other professional applications. Successfully completing applicable certification assessments is required to obtain the corresponding certification.

Customized Electives



A broad range of electives allows students to customize training around professional responsibilities and career goals. Options may include AI strategy and leadership, Microsoft 365 Copilot, marketing and creative media, product and project management, AI agents and automation, data analytics and business intelligence, healthcare, HR, sales, customer support, finance, legal applications, engineering, education, AI ethics, business analysis, process improvement, Lean Six Sigma, Excel, SQL, Python, and data science.

Practical, Career-Focused Learning

Through scenario-based exercises, case studies, projects, simulations, and an optional AI Workforce capstone project, students apply AI to practical workplace challenges. Training may include designing prompts and workflows, mapping AI use cases to business goals and KPIs, automating repetitive work, establishing governance and risk controls, and developing plans for responsible adoption. These capabilities help professionals use AI to improve productivity, efficiency, decision-making, communication, innovation, and measurable business performance.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/artificial-intelligence-workplace/.

Data Analytics Applications Specialist

Build practical data analytics skills to transform raw information into clear, actionable insights using Excel, SQL, Python, Power BI, and modern analytics tools.

Program Overview

The Data Analytics Applications Specialist program focuses on developing and updating the application-level skills used throughout Data Analytics and Data Science. Students can build practical experience with industry-standard tools used to prepare, analyze, visualize, and communicate data, with optional foundations in data literacy, Excel, statistics, and SQL. There are no required core courses; instead, each student selects a customized pathway leading to at least one industry-recognized certification.

Data Analytics Applications & Visualization

Students can develop skills using Microsoft Excel, SQL and PostgreSQL, Microsoft Power BI, Tableau, Google Analytics 4, and other modern analytics applications. Training may include data preparation, querying, statistical analysis, dimensional modeling, DAX, visualization, dashboards, reporting, and data storytelling. Depending on the pathway, students may also explore Snowflake for cloud data analytics, Splunk for machine-data analysis, and Git for version control and collaborative workflows.



Advanced Data & Analytical Technologies

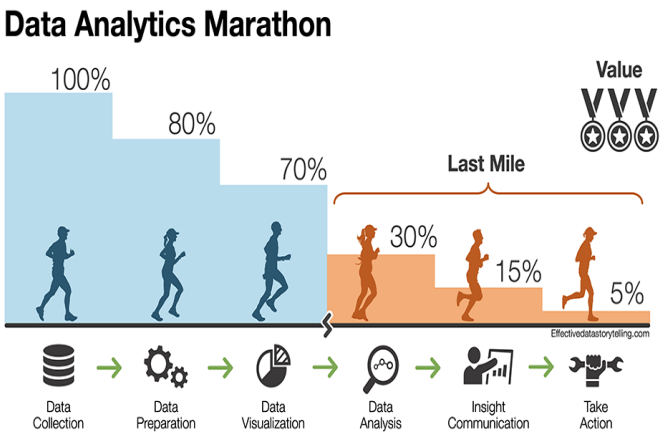
Students can expand into Python, NumPy, Pandas, data wrangling, automation, statistics, machine learning, and other advanced analytical applications. Python pathways range from foundational programming through applied analytics and optional PCEP or PCAP certification preparation. Generative AI tools may also be incorporated for exploratory analysis, SQL development, documentation, reporting, research, and automation, with emphasis on reviewing and validating AI-assisted outputs.

Certification Pathways

Students must select a pathway leading to at least one industry-recognized certification, with primary options including Microsoft Power BI Data Analyst Associate (PL-300), Tableau Desktop Specialist, Python PCEP, or Python PCAP. Additional pathways may include Google Analytics 4, Data Analytics & Generative AI, Prompt Engineering Essentials, Generative AI Task Automation, data science and machine learning credentials, and other applicable analytics, AI, database, and data engineering certifications.

Customized Electives

Students can choose from more than 250 application-related electives to customize training around existing experience, professional responsibilities, and career goals. Options may include Excel, SQL and PostgreSQL, Power BI, Tableau, GA4, Python, NumPy, Pandas, Git, Snowflake, Splunk, statistics, financial analytics, machine learning, data science, generative AI, healthcare and bioinformatics analytics, data engineering, visualization, and other specialized data technologies.



Practical, Career-Focused Learning

Through hands-on exercises, projects, case studies, simulations, and an optional Data Analytics Applications Specialist capstone, students apply analytics technologies to practical business challenges. Training may include defining stakeholder requirements, preparing and modeling data, developing dashboards, comparing visualization approaches, operationalizing business metrics, and documenting analytical work. Students can develop portfolio-ready examples demonstrating practical applications of analytics to business KPIs and decision-making.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.



A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/data-analytics-applications-specialist/.

Data Analytics Technologies

Build data analytics and business intelligence skills to transform complex information into meaningful business insights.

Program Overview

The Data Analytics Technologies program develops the technical and analytical skills needed to collect, organize, analyze, visualize, and communicate data. Students build practical experience with Excel, SQL, Python, statistics, Power BI, and other modern analytics technologies, with training customized around existing experience and career goals.



Data Analytics & Business Intelligence

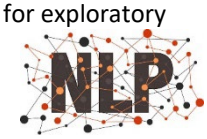
Students learn to prepare and analyze data using Microsoft Excel, SQL and PostgreSQL, Python, NumPy, Pandas, and Microsoft Power BI. Training progresses from data preparation and statistical analysis into relational querying, data modeling, visualization, dashboards, reporting, and communicating insights that support informed business decisions.

Python, Data Preparation & Advanced Analytics

Students develop Python skills for data wrangling, analysis, visualization, and automation while learning to work with structured datasets and repeatable analytical workflows. Advanced pathways may expand into Tableau, Snowflake, Splunk, machine learning, data science, financial analytics, R programming, healthcare analytics, and other specialized data technologies.

AI & Generative Analytics Tools

Students explore practical uses of generative AI within analytics workflows, including tools such as ChatGPT for exploratory analysis, Python and SQL assistance, research, documentation, reporting, visualization, and communicating analytical findings. Training emphasizes validating AI-assisted outputs and using these technologies responsibly alongside established analytical methods.



Certification Pathways

Core coursework can prepare students for the Data Analytics Professional Certification and Python PCEP – Certified Entry-Level Python Programmer certification. Additional pathways may support certifications including Microsoft Power BI Data Analyst Associate (PL-300), Tableau Desktop Specialist, Python PCAP, Google Analytics 4, and other applicable data, AI, and analytics credentials. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.





Customized Electives

Students can customize their training with electives spanning Power BI, Tableau, Google Analytics, Snowflake, Splunk, advanced statistics, Python, SQL, Git, financial analytics, machine learning, data science, R programming, healthcare and bioinformatics analytics, data engineering, generative AI, and other related technologies.

Practical, Career-Focused Learning

Through projects, case studies, simulations, and real-world analytical scenarios, students apply data preparation, programming, statistics, visualization, BI, and AI skills to practical business challenges. Training emphasizes creating trustworthy, repeatable, and actionable insights while developing skills applicable to data analytics, business intelligence, reporting, financial analysis, operations, marketing analytics, and related roles.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/data-analytics-technologies/.

Data Science & Machine Learning Technologies

Build advanced data science & machine learning skills to transform data into insights, predictions, and intelligent solutions.

Program Overview

The Data Science & Machine Learning Technologies program develops advanced technical and analytical skills for working with complex data and building intelligent solutions. Students combine programming, statistics, data analytics, machine learning, and deep learning to develop predictive models, identify patterns, automate processes, and solve data-driven problems. Students without prior data analytics experience may require foundational coursework, while advanced training can be customized around existing skills and career goals.



Machine Learning & Data Science

Students develop end-to-end machine learning skills spanning data preparation, feature engineering, supervised and unsupervised learning, model selection, evaluation, and optimization. Training incorporates Python and statistical methods alongside practical machine learning projects, helping students connect analytical techniques and model development to real-world problems.

Deep Learning, NLP & Computer Vision

Students build deep learning skills using PyTorch and TensorFlow/Keras while exploring neural networks and advanced model architectures. Training also includes Natural Language Processing (NLP), with elective pathways extending into computer vision, advanced NLP, NumPy, R programming, applied statistical modeling, and other specialized machine learning technologies.

Generative AI & Advanced Development

Advanced electives allow students to explore generative AI, AI agents, transformer-based technologies, and AI engineering while developing practical skills for programming, research, analysis, automation, and model development. Additional pathways can extend into cloud-based machine learning, data engineering, healthcare and bioinformatics, reinforcement learning, and other emerging AI applications.

Certification Pathways

Core coursework prepares students for the Machine Learning Specialization certification. Additional pathways may support certifications and professional credentials including AI Developer, TensorFlow Developer with DeepLearning.AI, Python PCAP, AI & ML Engineering with Microsoft Azure, Data Science Professional Certificate, AI Engineering, Generative AI

Engineering, and other applicable data science, machine learning, and AI credentials. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training across machine learning, deep learning, Python, R, TensorFlow, computer vision, NLP, statistical modeling, data engineering, generative AI, AI agents, healthcare and bioinformatics, MATLAB, SQL, cloud technologies, visualization, and related programming and analytical technologies.

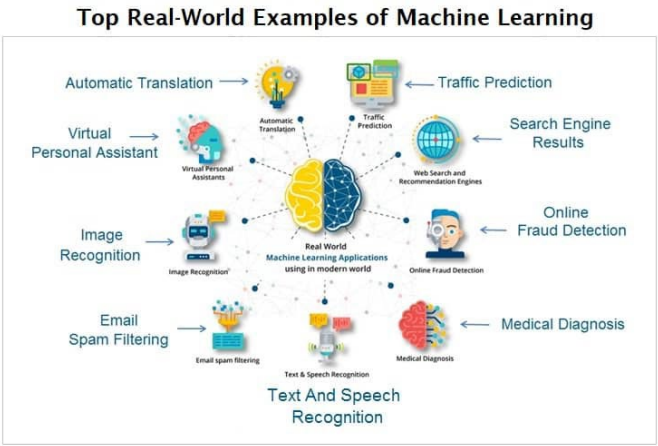
Practical, Career-Focused Learning

Through projects, case studies, simulations, and real-world scenarios, students apply data preparation, programming, statistical modeling, machine learning, deep learning, NLP, and AI to practical challenges. Training emphasizes reproducible analysis, model evaluation, responsible AI, and developing reliable solutions applicable to data science, machine learning engineering, AI development, advanced analytics, and related technical roles.

Funding & Customized Program Planning

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A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.



For additional program information, visit https://www.visible-edge.com/data-science-and-machine-learning-technologies/.

GIS and Digital Cartography Technologies

Build practical skills in GIS, digital mapping, and spatial analysis.

Program Overview



The GIS & Digital Cartography program develops skills for collecting, managing, analyzing, visualizing, and communicating geographic information. Designed for beginners and experienced professionals, training combines cartography, GIS technology, geographic data, and analytical tools to create useful maps, models, and insights.

GIS, Mapping & Spatial Analysis



Students learn GIS and cartography fundamentals, geographic data types, spatial analysis, and professional 2D and 3D mapping. Hands-on training incorporates QGIS and the ESRI ArcGIS family of products, along with database management and visualization techniques used in modern GIS environments.

Programming, Automation & Advanced GIS

Training may include Python, GeoPandas, ArcPy, PyQGIS, APIs, NumPy, SciPy, R, Google Earth Engine, and cloud-based GIS technologies. Students also explore how AI tools such as ChatGPT and Google Gemini can support research, analysis, scripting, documentation, visualization, and workflow automation.

Remote Sensing & Geospatial Technologies

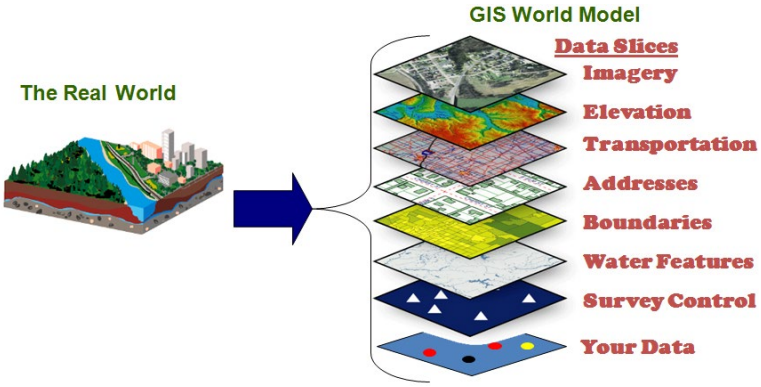
Students explore LiDAR, drones, aerial imaging, satellite platforms, radar, and remote sensing. Applications may include terrain modeling, satellite image processing, land-cover analysis, surveying, agriculture, photogrammetry, and drone image analysis.

Certification Pathways

Coursework can support preparation for an industry-recognized Geographic Information Systems certification, providing an opportunity to validate GIS knowledge and technical skills.

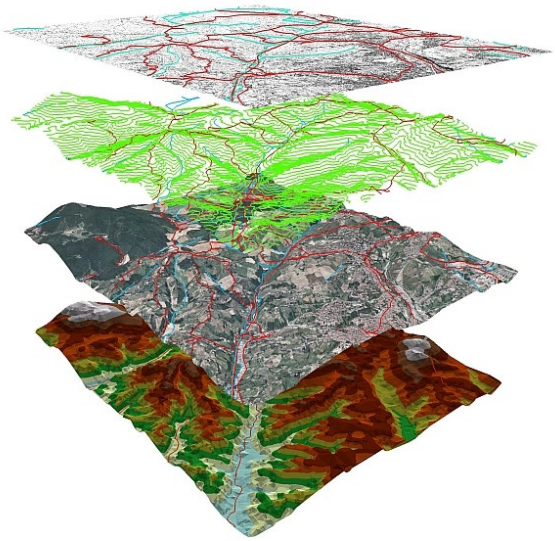
Customized Electives

Students can customize training with electives in mobile mapping, predictive mapping, machine learning for GIS, Python programming, Leaflet, Surfer, vegetation analysis, crop assessment, and other advanced geospatial technologies.



Practical, Career-Focused Learning

Case studies, projects, simulations, mapping exercises, and real-world scenarios help students apply GIS, cartography, programming, visualization, and spatial analysis skills to practical geographic challenges.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/gis-and-digital-cartography/.

Software Engineering Technologies

Build practical software engineering skills to design, develop, test, and deploy modern applications.

Program Overview

The Software Engineering Technologies program develops programming, architecture, and development skills used to build modern software solutions. Students establish foundations in computer science, data structures, clean coding practices, software architecture, and version control before customizing training across programming languages, web development, databases, cloud technologies, testing, AI, and software deployment.

Programming & Software Development

Students develop foundational software engineering skills including computational thinking, programming concepts, data structures, algorithms, object-oriented development, clean code, debugging, testing, and Git-based collaboration. Elective pathways can provide deeper experience with Python, Java, C++, C#, JavaScript, SQL, and other languages used to create maintainable applications and software systems.



Web, Full-Stack & Database Development

Students can expand into front-end, back-end, and full-stack development using technologies such as HTML, CSS, JavaScript, React, Angular, Next.js, Node.js, relational databases, APIs, and SQL. Training may also include database engineering, mobile application development, Microsoft Power Platform, and other technologies for building integrated business and web applications.

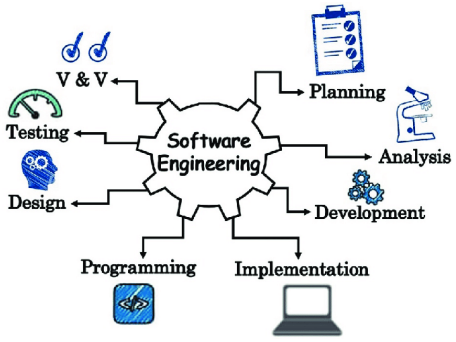
Cloud, DevOps & AI Development

Advanced pathways can incorporate AWS, Azure, Google Cloud, DevOps, automation, CI/CD concepts, and cloud-based application development. Students may also explore machine learning, TensorFlow, generative AI, AI agents, LLM

development, and tools such as ChatGPT and Google Gemini for coding, debugging, testing, documentation, research, and software-development productivity.

Certification Pathways

Training can support numerous industry-recognized certification pathways across software development, Python, Java, web development, cloud computing, Microsoft Power Platform, AI, machine learning, testing, and related technologies. Options include Python PCEP, PCAP and PCPP1; Java SE 11 Developer; Microsoft Power Platform credentials; AI Developer; TensorFlow Developer; Machine Learning Specialization; Scrum Master; ASTQB–ISTQB Foundation Level; and other Microsoft, AWS, IBM, and technology certifications. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.



Customized Electives

Students can customize training across software and application development, web and full-stack engineering, databases and APIs, software testing, Agile methods, cloud development, DevOps, AI and machine learning, generative AI, data science, mobile development, Microsoft Power Platform, Splunk, automation, and other emerging software technologies.

Practical, Career-Focused Learning

Through hands-on development exercises, projects, simulations, case studies, and optional capstone work, students apply programming, architecture, database, testing, collaboration, and deployment skills to practical software challenges. Training emphasizes maintainable code, effective technical decision-making, collaborative development practices, and skills applicable to software engineering, web and application development, full-stack development, QA, DevOps, and related technical roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/software-engineering-technologies/.

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MANAGEMENT & OFFICE ADMINISTRATION

- Business Process Improvement Technologies
- Entrepreneurship & Business Technologies
- Healthcare Administration Technologies
- Hospitality & Food Service Management
- Human Resources (HR) Technologies
- Office Administration & Support Technologies
- Project Management (PMP/CAPM/PM)



Business Process Improvement Technologies

Build practical skills to analyze, improve, and modernize business processes.

Program Overview



The Business Process Improvement Technologies program develops skills for analyzing, redesigning, and improving organizational processes using proven methodologies, data, and modern technology. Designed for experienced professionals, training combines business analysis, process improvement, Lean, Six Sigma, operations, and AI, with pathways customized around professional experience and career goals. There is a heavy emphasis on learning how to identify and integrate AI technologies into business processes.

Process Improvement, Lean & Business Analysis

Students learn to identify inefficiencies, map current and future processes, capture Voice of the Customer (VOC), analyze requirements, and design measurable improvements. Training incorporates process mapping, business analysis, operations management, Lean principles, and Six Sigma techniques for reducing waste, improving quality, and creating more efficient workflows.

AI, Analytics & Digital Transformation

Students explore how AI and data technologies can strengthen process improvement and organizational decision-making. Training may incorporate generative AI strategy, ChatGPT, task automation, Excel, statistics, SQL, Power BI, and data analytics to document processes, analyze performance, identify opportunities, automate routine work, and measure results.

Change, Project & Operational Management

Training addresses the people and execution skills required to implement improvements successfully, including change management, Agile project management, leadership, program and product management, and collaborative tools such as Microsoft Planner and Smartsheet. Students learn to translate recommendations into actionable plans while supporting stakeholder engagement and organizational adoption.

Certification Pathways

Core training supports certification pathways in Operations and Process Management, Lean Management at Specialist and Expert levels, Lean Six Sigma Green Belt, and AI for Business. Additional options include Change Management, Agile Project Management, Total Quality Management, Scrum Master, Lean Six Sigma Black Belt, ASQ quality credentials, Supply Chain

Management, and AI-focused business and management certifications. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.



Customized Electives

Electives allow students to expand into business analysis, data analytics, project and program management, product management, leadership, supply chain, quality management, cybersecurity, finance, healthcare, marketing, HR, digital transformation, and generative AI. Advanced options can further develop expertise in automation, AI strategy, industrial AI, analytics, and specialized process improvement applications.

Practical, Career-Focused Learning

Case studies, projects, simulations, and real-world business scenarios help students apply process mapping, Lean and Six Sigma methods, business analysis, analytics, AI, and change management to organizational challenges. Training emphasizes measurable improvements in efficiency, quality, cost, workflow performance, and customer experience.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.



A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/business-process-improvement-technologies/.

Entrepreneurship & Business Technologies

Build practical business, sales, marketing, financial, and technology skills to launch and grow a business.

Program Overview

The Entrepreneurship & Business Technologies program develops the practical skills needed to start, operate, and grow a business. Students' progress through entrepreneurship, business planning, sales, marketing, finance, operations, and leadership while incorporating modern business technology and AI. Training combines structured core coursework with electives that can be customized around individual experience, business objectives, and career goals.

Entrepreneurship, Strategy & Business Development



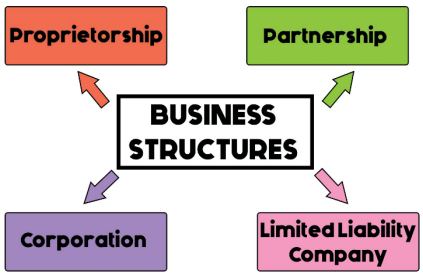
Students learn to evaluate opportunities, develop business models, create comprehensive business plans, understand U.S. business registration and basic business law, and establish strategies for growth. Training incorporates business fundamentals, negotiation, customer development, value-based selling, and practical sales techniques to help students translate ideas into executable business strategies.

Sales, Marketing & AI

Students develop skills in prospecting, sales, branding, digital marketing, content creation, customer relationship management, and market development. Training incorporates HubSpot, digital marketing and AI, personal branding, and generative AI tools for content, research, sales support, communications, and productivity. Advanced electives can expand into lead generation, marketing funnels, price psychology, market research, sales enablement, and AI-powered presentations.

Finance, Operations & Leadership

Students build practical knowledge of business banking, accounting, bookkeeping, QuickBooks Online, budgeting, and financial planning while developing the operational skills needed to manage day-to-day business activities. Additional training may include Microsoft 365, Planner, Smartsheet, human resources, communication, leadership, capital raising, contracts, and organizational productivity.





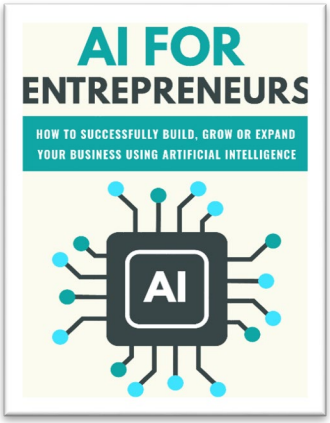
Certification Pathways

Core coursework provides pathways to certifications in Entrepreneurship and Business Development, Generative AI for Sales Professionals, and Agile Project Management. Additional certification and professional-development options can support AI for business, generative AI task automation, sales, marketing, leadership, project management, and other business disciplines. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Electives allow students to customize training around the needs of a new or existing business. Options span AI for business, sales and lead generation, contracts and negotiation, digital marketing, market research, website development, business financing, project management, Microsoft 365, bookkeeping, financial planning, human resources, leadership, workplace communication, and business productivity technologies.

Practical, Career-Focused Learning



Projects, case studies, simulations, and real-world business scenarios help students integrate entrepreneurship, planning, sales, marketing, finance, operations, leadership, and technology. Training emphasizes developing an actionable business approach that can support launching a venture, strengthening an existing operation, pursuing self-employment, or applying entrepreneurial skills within a business environment.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/entrepreneurship-business-technologies/.

Healthcare Administration Technologies

Build practical healthcare administration, technology, compliance, and information management skills for modern healthcare environments.

Program Overview

The Healthcare Administration Technologies program develops the administrative, operational, and technical skills needed to work effectively within modern healthcare organizations. Designed for individuals entering healthcare and professionals expanding their capabilities, training combines healthcare administration, medical office operations, electronic health records, health informatics, compliance, finance, analytics, and digital technologies, with pathways customized around previous experience and career goals.



Healthcare Administration & Information Management

Students develop skills in healthcare administration, medical terminology, medical office procedures, management, finance, customer service, and professional communication. Training incorporates Electronic Health Records (EHR), health informatics, document retention, data management, and digital health technologies used to coordinate patient information, administrative workflows, and healthcare operations.

Compliance, Quality & Digital Healthcare

Students develop an understanding of healthcare data security, privacy, HIPAA compliance, quality assurance, risk management, healthcare law, and information governance. Training also explores healthcare analytics, telehealth and remote care, cybersecurity, healthcare IT, and the appropriate use of AI technologies. AI tools may support administrative productivity, project management, research, documentation, analytics, medical coding workflows, and other healthcare applications while emphasizing privacy, security, accuracy, and regulatory requirements.



Certification Pathways

Core coursework supports certification pathways in Medical Office Procedures and Administration Fundamentals, Healthcare Administration and Management, Healthcare Management and Finance, and AI in Healthcare. Additional pathways may include Medical Office Manager, Patient Safety, Healthcare Law, Healthcare IT and CAHIMS preparation, Medical Billing and Coding, Agile Project Management, Microsoft 365 Copilot Productivity, Healthcare Marketplace, and Global Health.

Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training around healthcare systems and delivery models, medical office and practice management, patient experience and safety, healthcare law and compliance, cybersecurity, healthcare IT, medical billing and coding, information governance, analytics, population health, SQL, Excel, Power BI, Lean Six Sigma, project management, Microsoft 365 and Copilot, process improvement, public health, medical documentation, and healthcare communication.

Practical, Career-Focused Learning

Case studies, projects, simulations, and real-world healthcare scenarios help students apply administration, EHR, informatics, compliance, analytics, finance, technology, project management, and communication skills to workplace challenges. Training emphasizes efficient healthcare workflows, secure information management, regulatory compliance, quality improvement, and effective coordination among patients, providers, administrative teams, and healthcare systems.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/hat/.

Hospitality & Food Service Management

Build the operational, financial, leadership, and guest-service skills to succeed across today's hospitality and food service industry.

Program Overview

The Hospitality and Food Service Management Technologies program prepares aspiring and experienced professionals to manage and improve operations across hotels, restaurants, resorts, events, lodging, and food and beverage environments. Training combines hospitality operations, financial management, guest service, food safety, leadership, and technology, with pathways customized around individual experience and career goals.

Hospitality, Guest Service & Food Operations

Students develop practical skills in front office and lodging operations, restaurant and food and beverage management, reservations, guest communication, service recovery, and hospitality standards. Training may also cover menu strategies, food and wine pairing, bar and beverage operations, event planning, rooms division, housekeeping, facilities, and short-term rental management.



Financial Management, Revenue & Leadership

Students learn to connect exceptional service with strong business performance through budgeting, forecasting, food cost control, waste reduction, revenue management, pricing, and financial decision-making. Leadership training develops skills in team management, strategic planning, workplace communication, hospitality sales, brand positioning, luxury service, and strategies for improving operational performance and profitability.

Food Safety, Compliance & Guest Protection



Training emphasizes safe and compliant hospitality operations through food safety, HACCP principles, responsible alcohol service, security, and risk management. Coursework can support preparation for ServSafe Manager, Training for Intervention Procedures (TIPS), and Certified Guest Service Professional (CGSP) credentials, with additional certification pathways available for hospitality supervision, management, revenue, facilities, housekeeping, security, rooms division, sales, and food and beverage leadership.

Hospitality Technology, Marketing & AI

Students explore technologies used to improve hospitality operations and guest experience, including property management systems, digital marketing and direct-booking strategies, business analytics, Microsoft 365 tools, and project and task management platforms. AI and emerging technologies may also support communications, scheduling, marketing, documentation, analysis, automation, productivity, and operational planning.

Customized Electives

Students can customize training with electives in menu engineering, event management, food cost and waste reduction, hospitality finance and revenue management, bar and beverage operations, hospitality technology and PMS systems, digital marketing, security and risk management, housekeeping and facilities, lodging operations, sales, human resources, accounting, business analytics, process improvement, Agile project management, and AI automation.



Practical, Career-Focused Learning

Case studies, projects, simulations, and hospitality-focused scenarios help students apply operational, financial, leadership, technology, compliance, and guest-service skills to real-world challenges. An available capstone can integrate these competencies into a practical hospitality or food service management project focused on efficient operations and positive guest experiences.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/hfsm/.

Human Resources (HR) Technologies

Build modern HR, compliance, workforce technology, and certification-ready skills for today's evolving workplace.

Program Overview

The Human Resources Technologies program develops the practical knowledge and technology skills needed to support and manage today's workforce. Designed for individuals entering HR and experienced professionals seeking advancement, training combines HR operations, employment compliance, recruiting, employee relations, workforce technology, analytics, and certification preparation.

HR Operations, Talent & Employee Relations



Students develop skills across the employee lifecycle, including workforce planning, recruiting, candidate selection, onboarding, policy administration, benefits, performance management, employee relations, and documentation. Training also addresses structured interviewing, talent acquisition, workplace communication, conflict management, labor relations, learning and development, and effective management of employee performance.

Compliance, Compensation & Workforce Management

Students explore employment law, HR policies, records management, compensation and benefits, payroll fundamentals, workplace investigations, and risk management. Training emphasizes consistent documentation and responsible HR practices while helping students understand how workforce decisions, organizational objectives, employee rights, and compliance requirements intersect.

HR Technology, Analytics & AI

Students explore HR technology and digital workflows, including HRIS and applicant tracking concepts, payroll systems, workforce data management, Excel-based HR analytics, and productivity tools. AI technologies such as ChatGPT may support recruiting, job descriptions, policy summaries, communications, research, documentation, learning materials, and other HR activities, with emphasis on confidentiality, appropriate review, and responsible use.



Certification Pathways

Training provides extensive certification preparation based on experience, eligibility, and career goals. Pathways may include aPHR™, PHR®, SHRM-CP®, SHRM-SCP®, and SPHR® preparation, with applicable exam-preparation courses, assessments, and certification resources. Additional options may include credentials in Generative AI for HR, bookkeeping, Lean management, Lean Six Sigma, and Agile project management.

Customized Electives

Students can customize training with electives in recruiting and talent acquisition, payroll, QuickBooks, HR analytics, cybersecurity for HR, labor relations, remote workforce management, document retention, workplace communication, leadership, AI policy, Generative AI, Excel, process improvement, Lean and Six Sigma, project management, learning needs analysis, and related workforce technologies.

Practical, Career-Focused Learning

Case studies, exercises, certification preparation, projects, and workplace scenarios help students apply HR operations, compliance, technology, analytics, communication, and workforce management skills to practical organizational challenges. Training emphasizes translating HR standards and certification knowledge into consistent, technology-enabled practices that support both employees and organizational objectives.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.



A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/human-resources-technologies/.

Office Administration & Support Technologies

Build the digital, organizational, communication, and AI-enabled skills needed to support today's modern workplace.

Program Overview

The Office Administration & Support Technologies program develops practical, job-ready skills for individuals entering or returning to the workforce, updating their technology skills, or advancing in administrative and office support roles. Training combines professional communication, Microsoft 365, organization, business support, process improvement, and modern workplace technologies, with pathways customized around individual experience and career goals.

Office Technology & Digital Productivity

Students develop practical skills with Microsoft 365 technologies used throughout modern offices, including Planner and Microsoft 365 Copilot, with additional training available in Excel, Word, PowerPoint, Outlook, SharePoint, Lists, Teams, and related applications. Training may also incorporate Zoom, Adobe Acrobat, Salesforce, WordPress, and other technologies used for communication, collaboration, scheduling, documents, data, and everyday office operations.

Microsoft Flow Project Publisher SharePoint Sway Visio Microsoft Lists OneDrive Microsoft Stream Microsoft Forms

Administration, Communication & Process Improvement

Students strengthen administrative fundamentals, professional communication, organization, customer service, confidentiality, and workplace professionalism. Training also introduces business process improvement and process mapping to help students document workflows, identify inefficiencies, improve coordination, and create more consistent administrative processes. Additional topics may include document retention, information management, remote-office organization, and workplace communication.

Bookkeeping & Business Support

Students seeking finance-related administrative responsibilities can develop skills in accounting foundations, bookkeeping, QuickBooks Online, payroll, and Excel. Other pathways can support Human Resources administration, legal offices, event planning, customer service, sales and marketing support, and other specialized administrative environments.



AI & Modern Workplace Technologies

Students learn how AI and automation technologies can support administrative productivity, including drafting communications, organizing information, summarizing meetings, developing presentations, supporting project activities, and creating initial procedures and documentation. Training may include Microsoft 365 Copilot, ChatGPT, Generative AI

task automation, AI-powered Excel, and other emerging tools, with emphasis on responsible use, appropriate review, and information security.



Certification Pathways

Core coursework can support certification in Microsoft 365 Copilot Productivity and Agile Project Management. Students can also pursue Microsoft Office Specialist pathways in Excel, Word, PowerPoint, and Outlook, along with optional certifications in Generative AI Task Automation, bookkeeping, AI-powered Excel, digital marketing, medical billing and coding, and other applicable business technologies.

Customized Electives

Students can customize training with electives in Microsoft Office and Microsoft 365, bookkeeping and payroll, QuickBooks, document management, customer service, Human Resources, legal administration, event planning, Salesforce, WordPress and eCommerce, Adobe Creative Cloud, data analysis and Excel automation, project management, remote-work productivity, digital marketing, and AI-enabled business applications.

Practical, Career-Focused Learning

Projects, exercises, simulations, certification preparation, and real-world office scenarios help students apply administrative, communication, technology, organization, and business skills to practical workplace responsibilities. An available capstone or process-improvement project can provide an opportunity to document a workflow, recommend improvements, organize an action plan, and communicate results professionally.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/office-administration-and-support-technologies/.

Project Management (PMP/CAPM/PM)

Manage projects with confidence across predictive, agile, and hybrid environments while building toward industry-recognized project management credentials.

Program Overview



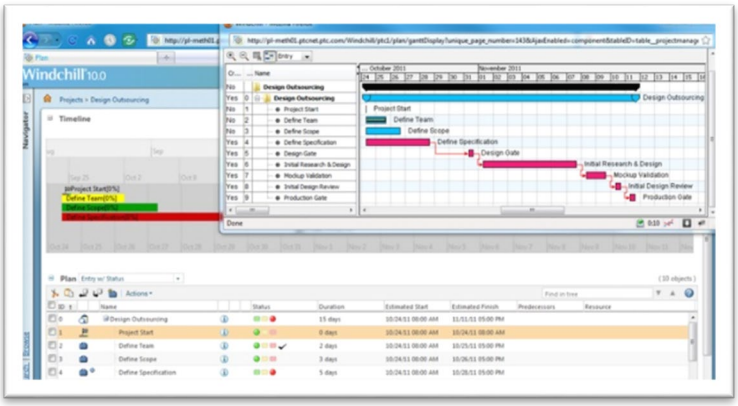
The Project Management Professional program develops the knowledge, practical techniques, leadership skills, and technology capabilities needed to plan, execute, monitor, and improve projects across a variety of industries. Training can be customized around experience and career goals, with students selecting an appropriate project management certification pathway while developing skills that translate directly to workplace projects.

Project Planning, Execution & Control

Students develop skills across the complete project lifecycle, including project chartering, business justification, scope, work breakdown structures, scheduling, cost management, quality, resources, communications, procurement, stakeholder engagement, risk, change control, and lessons learned. Training emphasizes establishing measurable objectives, managing competing constraints, monitoring performance, and successfully moving projects from initiation through completion.

Agile, Process Improvement & Project Technologies

Students have the option to develop experience with predictive, agile, and hybrid approaches while exploring Scrum, product ownership, backlog management, iterative planning, Lean, Six Sigma, process mapping, Voice of Customer, and other continuous improvement techniques. Microsoft Planner, Smartsheet, Excel, SQL, Power BI, and related technologies may be incorporated to support scheduling, collaboration, performance tracking, analysis, reporting, and project control.



AI & Modern Project Management

Generative AI technologies may be incorporated throughout applicable pathways to support project research, planning, documentation, scheduling, communications, analysis, reporting, and team productivity. Training may include ChatGPT and specialized Generative AI applications for project, product, program,

change, supply chain, and data management, with additional options addressing AI strategy and the management of AI-enabled initiatives.

Certification Pathways

Depending on experience, eligibility, and career objectives, students can select preparation for credentials including Project Management Professional (PMP)®, Certified Associate in Project Management (CAPM)®, Agile Project Management, or a general Project Management certification. Additional certification options can include PMI-ACP®, PMI-CPMAI, Scrum Master, ITIL® 4 Foundation, Lean Management, Lean Six Sigma Green Belt, Change Management, Product and Program Management, Supply Chain Management, and Total Quality Management.







Customized Electives

Training can be expanded into program and product management, leadership, business analysis, construction management, supply chain, process improvement, data analytics, strategic analysis, and AI-enabled project management. Electives allow students to build a pathway aligned with their industry, existing experience, certification objectives, and target responsibilities.

Practical, Career-Focused Learning

Case studies, practice exercises, projects, simulations, and real-world scenarios help students apply project management concepts to practical workplace challenges. An available capstone can integrate chartering, project planning, agile delivery, schedules and performance baselines, risk and quality frameworks, stakeholder strategy, project technologies, and lessons learned into a comprehensive project management experience.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/project-management-professional/.

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ROBOTICS, MANUFACTURING, & PRODUCTION

Advanced Manufacturing Technologies

Manufacturing Applications Specialist

Production Technologies

Robotics & the Internet of Things (IoT)



Advanced Manufacturing Technologies

Build the technical, digital, and continuous-improvement skills needed to advance modern manufacturing through automation, analytics, quality, and Industry 4.0 technologies.

Program Overview

The Advanced Manufacturing Technologies program develops skills for designing, digitizing, automating, analyzing, and continuously improving modern production systems. Designed primarily for individuals with an existing manufacturing foundation, training can be customized around experience and career goals, with prerequisite and bridge coursework available when additional preparation is needed. Students select a pathway leading toward at least one applicable industry-recognized certification.



Digital Manufacturing, Automation & Industry

Students explore smart manufacturing technologies including the digital thread, digital twins, Industrial Internet of Things (IIoT), model-based systems engineering, robotics, mechatronics, PLCs, sensors, machine vision, and industrial automation. Training may address robot programming and safety, ladder logic, industrial networking, MES integration, predictive maintenance, and cybersecurity considerations for connected manufacturing environments.



Manufacturing Data, Quality & Process Improvement

Students develop skills for using manufacturing data to improve quality, productivity, and operational performance. Training may incorporate Excel, SQL, Python, Power BI, Tableau, statistics, Statistical Process Control, and AI technologies for analysis, troubleshooting, reporting, root-cause analysis, and continuous improvement. Lean, Six Sigma, Kaizen, Value Stream Mapping, Voice of Customer, process mapping, TPM, TQM, FMEA, and related methodologies can be incorporated based on the selected pathway.

Additive Manufacturing & Digital Production

Training can include additive manufacturing and 3D printing processes, materials, design for additive manufacturing, hybrid manufacturing, metrology, inspection, and nondestructive testing. Additional pathways can incorporate CAD/CAM, CNC technologies, SOLIDWORKS, AutoCAD, Mastercam, engineering programming, and other digital fabrication technologies used to move designs into production.

Certification Pathways

Students select training leading toward at least one industry-recognized credential. Options can include SME Certified Manufacturing Associate (CMfgA), Certified Manufacturing Technologist (CMfgT), Robotics in Manufacturing Fundamentals (RMF), Certified Additive Manufacturing – Fundamentals (CAM-F) or Technician (CAM-T), Lean Management, Lean Six Sigma Green Belt or Black Belt, and other applicable manufacturing, quality, automation, CAD/CAM, data, or process-improvement credentials.

Customized Electives

Students can customize training across robotics and automation, PLC programming, Industry 4.0, manufacturing cybersecurity, digital twins, industrial analytics, additive manufacturing, CAD/CAM, CNC technologies, quality and reliability, supply chain and ERP, Python, MATLAB, C++, AI, project and program management, workplace safety, supervision, and related manufacturing technologies. These options allow pathways to emphasize areas such as Robotics & Automation, Additive Manufacturing, Smart Factory Data & Analytics, CNC & Digital Machining, or Lean & Quality Engineering.

Practical, Career-Focused Learning

Case studies, projects, simulations, hands-on exercises, and real-world manufacturing scenarios help students apply automation, analytics, quality, digital manufacturing, and continuous-improvement skills to production challenges. Optional capstone work can integrate digital design, automation, manufacturing data, and Lean methods into a production-focused solution demonstrating measurable operational improvement.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

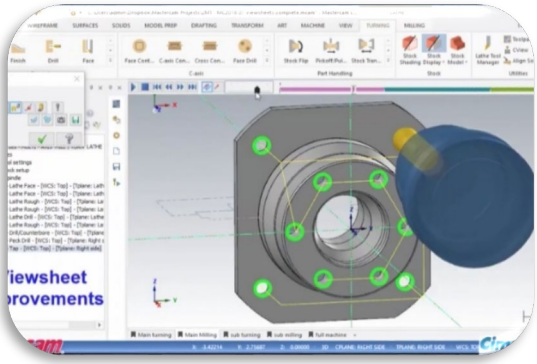
For additional program information, visit https://www.visible-edge.com/advanced-manufacturing-technologies/.

Manufacturing Applications Specialist

Build cross-functional manufacturing expertise across CAD/CAM, robotics, additive manufacturing, automation, and data analytics while preparing for an industry-recognized credential.

Program Overview

The Manufacturing Applications Specialist program develops application-level technology skills used to design, automate, analyze, and support modern manufacturing environments. Students customize their training around individual experience and career goals, selecting a pathway that leads toward at least one applicable industry-recognized certification. Foundational manufacturing coursework can be incorporated when additional preparation is needed.



CAD/CAM & Digital Manufacturing



Students can develop skills in SOLIDWORKS for part, assembly, and technical drawing creation, with advanced options in sheet metal, weldments, surfacing, plastics, mold tools, routing, and visualization. CAM pathways using CAMWorks and Mastercam can extend these skills into CNC programming, tooling, workholding, toolpath development, post-processing, and multiaxis machining, connecting digital designs directly with production processes.

Robotics, Automation & Additive Manufacturing

Training can incorporate robotics, mechatronics, PLCs, industrial automation, digital twins, and Robot Operating System (ROS) technologies. Students may explore robot safety, sensors, end effectors, machine vision, localization, navigation, SLAM, and automated production workflows. Additive manufacturing options address 3D printing processes and materials, Design for Additive Manufacturing (DfAM), hybrid processes, metrology, inspection, and qualification of production parts.

Manufacturing Analytics & AI

Students can build data and analytical skills using Excel, SQL, Python, statistics, Tableau, Power BI, and related technologies to analyze manufacturing information and visualize operational KPIs. Generative AI tools may support technical research, documentation, data analysis, troubleshooting, reporting, process improvement, and manufacturing productivity.

Applicable pathways can also prepare students for Microsoft Power BI Data Analyst Associate (PL-300) and other data-focused credentials.

Certification Pathways

Students select training leading toward at least one industry-recognized credential. Options may include SME Robotics in Manufacturing Fundamentals (RMF), Certified Additive Manufacturing – Fundamentals (CAM-F) or Technician (CAM-T), Certified SOLIDWORKS Associate (CSWA), Autodesk AutoCAD certification, Tableau Desktop Specialist, Microsoft Power BI Data Analyst Associate (PL-300), Microsoft Excel, Python PCEP or PCAP, and other applicable manufacturing, automation, data, or digital technology credentials.

Customized Electives

Students can customize training across SOLIDWORKS, CAMWorks, Mastercam, additive manufacturing, robotics and mechatronics, ROS, PLCs and industrial controls, AutoCAD, SAP, Excel, Power BI, Tableau, SQL, Python, MATLAB, C++, digital factories, Industrial AI, Generative AI, change management, and related manufacturing technologies. This flexibility allows training to concentrate on CAD/CAM, machining, automation, additive manufacturing, manufacturing analytics, or a combination of disciplines.



Practical, Career-Focused Learning

Case studies, projects, simulations, and real-world manufacturing scenarios help students apply CAD/CAM, robotics, automation, additive manufacturing, analytics, and problem-solving skills to production environments. Optional capstone work can integrate CAD design, CAM toolpaths, automated or robotic workflows, additive manufacturing, and analytics dashboards into a portfolio-focused manufacturing project.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/manufacturing-applications-specialist/.

Production Technologies

Build practical, job-ready manufacturing skills in production processes, machining, quality, safety, automation, and modern digital manufacturing technologies.

Program Overview

The Production Technologies program provides a strong foundation in the processes, equipment, materials, safety practices, and technical skills used in modern manufacturing. Designed for individuals entering manufacturing or strengthening existing production skills, training combines blueprint reading, measurement, manufacturing sciences, machining, fabrication, quality, safety, automation, and process improvement. Students can build from core manufacturing fundamentals into specialized areas such as CNC machining, additive manufacturing, robotics, welding, metrology, maintenance, and digital production technologies.

Manufacturing Processes, Machining & Production Skills

Students develop practical knowledge of engineering drawings, blueprint reading, shop mathematics, measurement, materials, tolerances, GD&T, tools, fasteners, assembly, machining, welding, forming, stamping, and other production processes. Training introduces cutting theory, manual mill and lathe operations, CNC fundamentals, EDM and abrasive machining, along with hydraulics, pneumatics, electrical systems, controls, and other technologies supporting modern production equipment.





Quality, Safety & Process Improvement

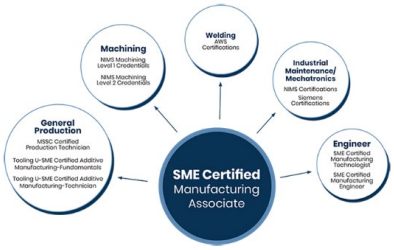
Training emphasizes safe, consistent, and efficient manufacturing through PPE, Lockout/Tagout, Hazard Communication, machine safety, inspection, calibration, metrology, tolerance analysis, and quality fundamentals. Students may also develop skills in Lean Manufacturing, 5S, Kaizen, Statistical Process Control (SPC), Total Productive Maintenance (TPM), Value Stream Mapping, and other continuous-improvement methods used to reduce waste, improve quality, and increase production performance.

Digital Manufacturing, Automation & Emerging Technologies

Students can expand their skills into CNC and CAD/CAM technologies, additive manufacturing and 3D printing, industrial robotics, PLC systems, digital factories, IIoT, digital thread and digital twin concepts, and manufacturing cybersecurity. AI tools such as ChatGPT and Google Gemini may support technical research, troubleshooting, documentation, process analysis, data interpretation, and productivity while helping students become more comfortable working within increasingly connected manufacturing environments.

Certification Pathways

Core training includes preparation for the Society of Manufacturing Engineers (SME) Certified Manufacturing Associate (CMfgA) certification. Depending on the selected pathway and career goals, students may also prepare for credentials including Certified Manufacturing Technologist (CMfgT), Robotics in Manufacturing Fundamentals (RMF), Certified Additive Manufacturing – Fundamentals (CAM-F), Certified Additive Manufacturing – Technician (CAM-T), and other applicable manufacturing, digital technology, and professional certifications. Successfully completing the applicable certification assessment is required to obtain the final certification.



Customized Electives

Training can be customized around individual experience and career goals through electives in additive manufacturing, industrial robotics, automation, PLC systems, CNC machining and controls, welding and fabrication, metal cutting and forming, hydraulics and pneumatics, mechanical and electrical systems, metrology, quality, Lean manufacturing, CAD/CAM, SAP, industrial cybersecurity, digital factories, AI, analytics, and related production technologies.

Practical, Career-Focused Learning

Projects, simulations, practical exercises, case studies, and real-world manufacturing scenarios help students apply production, safety, quality, equipment, measurement, automation, and problem-solving skills. Training supports roles involving machining, production and assembly, quality and inspection, fabrication, maintenance, CNC, robotics and automation, additive manufacturing, and continuous improvement while building the precision, reliability, technical awareness, and safety mindset expected in modern manufacturing environments.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/production-technologies/

Robotics & the Internet of Things (IoT)

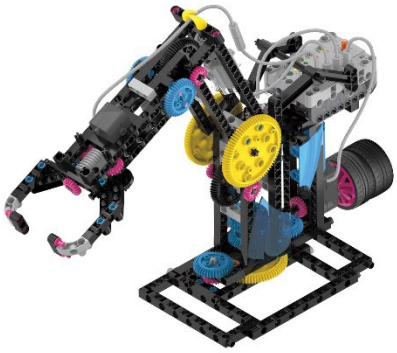
Build, program, integrate, and connect intelligent robotic and IoT systems for modern manufacturing, automation, and engineering environments.

Program Overview

The Robotics & Internet of Things (IoT) Technologies program provides hands-on training in building, programming, controlling, connecting, and troubleshooting modern robotic and automated systems. Students learn how mechanics, electronics, programming, sensors, controls, industrial automation, and connected technologies work together to create intelligent physical systems. Training combines foundational robotics with the Internet of Things, mechatronics, industrial controls, programming, and Industry 4.0 technologies.

Robotics, Mechatronics & Industrial Automation

Students develop skills in robot safety, applications, components, end effectors, axes and motion, sensors, machine vision, power and drive systems, collaborative robotics, programming concepts, installation, maintenance, and troubleshooting. Training can expand into PLCs, ladder logic, motor controls, electrical systems, mechanical power transmission, industrial networks, Robot Operating System (ROS), and other technologies used to integrate robots with production equipment and automated manufacturing systems.



IoT, Connected Systems & Programming

Students explore how sensors, embedded devices, machines, and robotic systems collect and exchange information across connected environments. Training may incorporate Arduino, Raspberry Pi, microcontrollers, Python, C++, MATLAB, cloud and IoT technologies, and industrial connected systems. Students can also explore IIoT, digital factories, digital thread and digital twin technologies, embedded systems, and cybersecurity practices for protecting connected operational technology.

AI, Vision & Intelligent Robotics

Training can incorporate artificial intelligence, machine learning, computer vision, data analytics, and generative AI to support increasingly intelligent robotic and connected systems. Students may apply these technologies to programming, vision-guided robotics, troubleshooting, predictive maintenance, process optimization, documentation, industrial data analysis, and automation while developing an understanding of how AI and connected technologies are changing modern engineering and manufacturing.



Certification Pathways

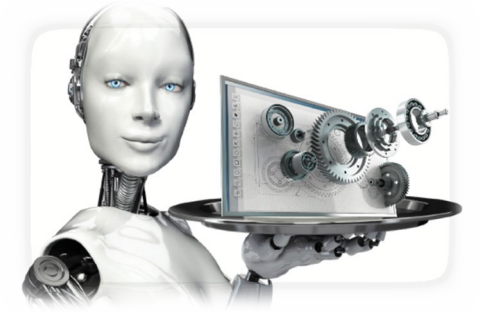


Core training includes preparation for the Society of Manufacturing Engineers (SME) Robotics in Manufacturing Fundamentals (RMF) certification. Depending on the selected pathway and career goals, students may also pursue credentials including Certified Manufacturing Associate (CMfgA), Certified Manufacturing Technologist (CMfgT), Certified SOLIDWORKS Associate (CSWA), Digital Factories and Industrial AI, IoT, robotics, AI development, and other applicable manufacturing and technology certifications. Successfully completing the applicable certification assessment is required to obtain the final certification.

Customized Electives

Students can customize training through electives in industrial robotics, mechatronics, PLCs, ROS, motor controls, Arduino, Raspberry Pi, embedded systems, Python, C++, MATLAB, machine vision, AI and machine learning, digital twins, additive manufacturing, CAD, industrial cybersecurity, IoT development, data analytics, cloud technologies, digital manufacturing, and related engineering and automation disciplines.

Practical, Career-Focused Learning



Hands-on robot-building projects, programming exercises, simulations, troubleshooting activities, case studies, and optional capstone work help students apply robotics, IoT, programming, controls, sensors, vision, and automation skills to real-world systems. Training supports technical pathways involving robotics and automation, mechatronics, controls, system integration, industrial IoT, embedded systems, machine vision, maintenance, manufacturing, and other connected technology environments.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

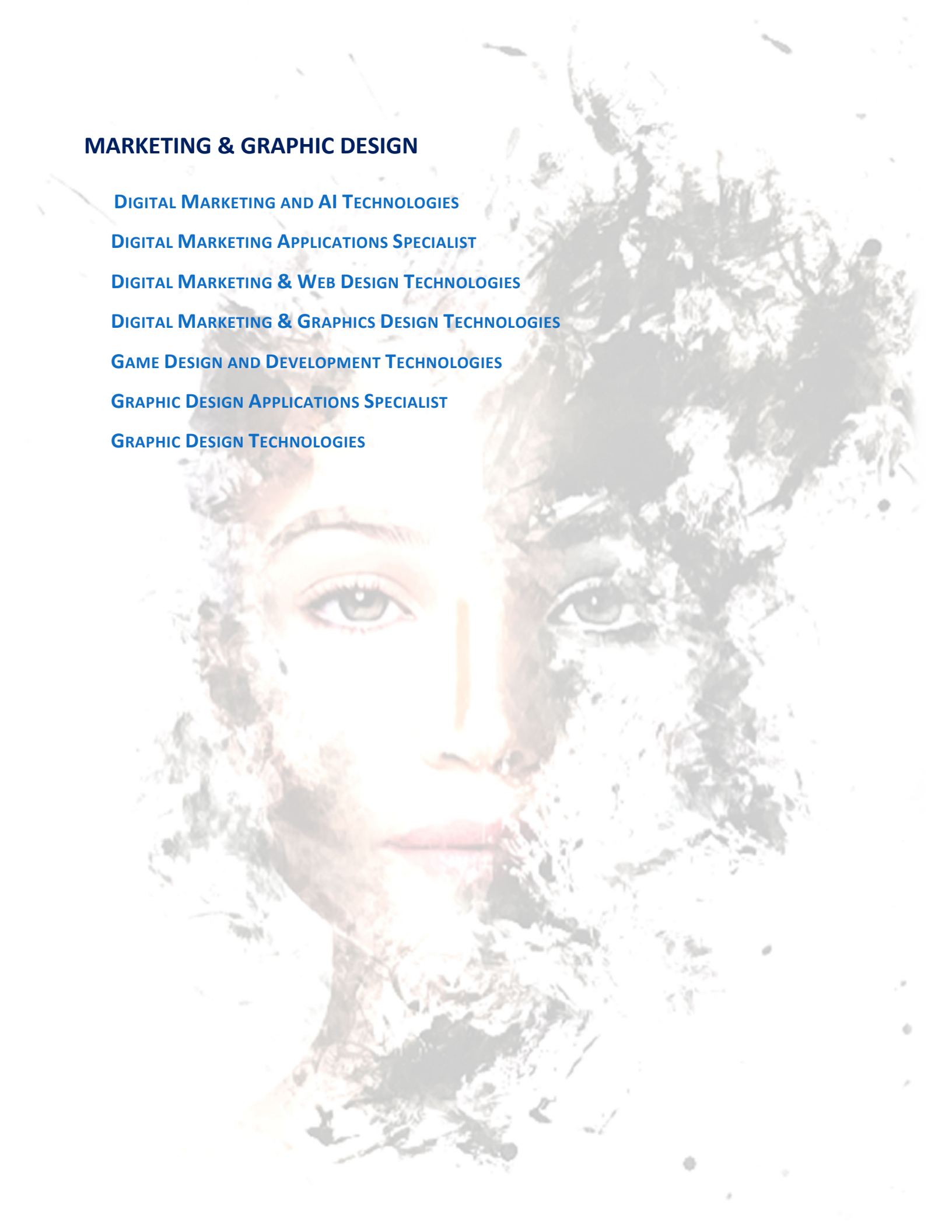
A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/robotics-and-the-iot/.

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MARKETING & GRAPHIC DESIGN

- Digital Marketing and AI Technologies
- Digital Marketing Applications Specialist
- Digital Marketing & Web Design Technologies
- Digital Marketing & Graphics Design Technologies
- Game Design and Development Technologies
- Graphic Design Applications Specialist
- Graphic Design Technologies



Digital Marketing and AI Technologies

Build practical digital marketing expertise with AI, analytics, automation, and industry-standard platforms to engage audiences and improve marketing performance.

Program Overview



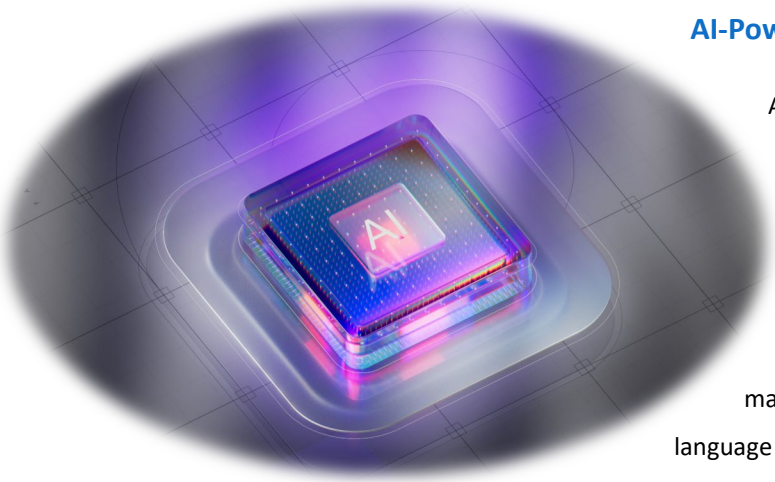
The Digital Marketing & AI Technologies program combines proven digital marketing strategies with rapidly evolving artificial intelligence technologies. Designed for individuals entering or advancing in marketing, communications, e-commerce, and related business fields, training develops practical skills for building brand awareness, engaging customers, generating leads, analyzing performance, and improving marketing results across digital channels.

Digital Marketing Strategy, Content & Engagement

Students develop skills in Search Engine Optimization (SEO), Search Engine Marketing (SEM), Google Ads and PPC advertising, social media, content and email marketing, consumer behavior, audience segmentation, CRM, branding, and digital marketing strategy. Training emphasizes reaching the right audiences, developing effective digital content, strengthening customer engagement, and using multiple channels to support measurable marketing objectives.

Marketing Analytics, Automation & Personalization

Students explore campaign measurement, customer insights, data analysis and visualization, web analytics, segmentation, predictive analytics, personalization, and marketing automation. Training may incorporate platforms such as Google Analytics, HubSpot, Mailchimp, Meta Business Suite, Tableau, Microsoft Power BI, and other technologies used to measure performance, automate workflows, understand customer behavior, and improve marketing decisions.



AI-Powered Marketing Technologies

Artificial intelligence is a significant component of the program. Students learn to use technologies such as ChatGPT, Google Gemini, and Microsoft Copilot to support research, content development, campaign planning, customer engagement, analytics, personalization, and workflow automation. Training may also explore conversational AI and chatbots, natural language processing, predictive insights, prompt engineering,

and other emerging applications that help marketing professionals improve productivity and create more responsive customer experiences.

Certification Pathways

Applicable coursework may support industry-recognized certifications in digital marketing, advertising, analytics, AI, and related technologies. Certification pathways can be customized around a student's experience and career goals. Students who hold applicable active certifications may be eligible to substitute electives for corresponding required coursework, allowing training to focus on new skills and credentials.

Customized Electives

Students can customize training with electives in social media marketing, e-commerce, SEO and SEM, branding, public relations, market research, influencer marketing, customer experience, CRM, web analytics, graphic and web design, Adobe Creative Cloud, Tableau, Power BI, data visualization, entrepreneurship, prompt engineering, generative AI, marketing automation, and other relevant digital marketing and technology disciplines.



Practical, Career-Focused Learning

Case studies, projects, simulations, and real-world marketing scenarios help students apply digital strategy, content, analytics, AI, and automation skills to practical business challenges. Training supports career pathways involving digital marketing, social media, SEO and paid advertising, content strategy, marketing analytics, e-commerce, CRM, communications, market research, customer experience, and other data-driven marketing functions.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/programs/

Digital Marketing Applications Specialist

Create, launch, and optimize digital marketing campaigns using today's leading advertising, analytics, web, creative, social media, and AI-powered marketing technologies.

Program Overview

The Digital Marketing Applications Specialist program develops application-level skills for creating, publishing, managing, and measuring digital marketing content and campaigns. With no predetermined core curriculum, students build a customized training pathway from available electives based on experience, career goals, and certification interests, with each pathway leading toward at least one applicable industry-recognized certification.

Digital Advertising, Analytics & Search Marketing



Students can develop skills in Google Ads, Google Analytics 4 (GA4), remarketing, SEO, Local SEO, and performance measurement. Training may include campaign structure, keyword and audience targeting, conversion tracking, attribution, optimization, and analytics techniques used to connect marketing activity with measurable outcomes such as leads, sales, conversions, and return on advertising spend.

Web, Content & Creative Marketing Applications

Training can include WordPress, WooCommerce, HTML/CSS, Mailchimp, social media marketing, and creative applications such as Adobe Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Canva, and Figma. Students may develop websites, e-commerce experiences, advertisements, email campaigns, social content, video, graphics, landing pages, and other digital assets while learning how creative and technical decisions support marketing objectives.

AI-Enhanced Marketing & Automation

AI tools can be incorporated into content creation, research, campaign development, design, analytics, automation, and marketing productivity. Depending on the selected pathway, students may explore generative AI, prompt engineering, AI-powered design and media creation, marketing automation, AI-enhanced sales and content workflows, consumer analytics, and emerging intelligent-agent technologies.



Certification Pathways

Students must select a training pathway leading toward at least one applicable industry-recognized certification. Options may include Google Ads, Google Analytics 4, HubSpot, Adobe Certified Professional credentials, Google Digital Marketing & E-commerce, Google UX Design, Adobe professional certificates, digital marketing and growth hacking, UX/UI design, AI

marketing, and other available marketing, creative, analytics, technology, and AI credentials. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training across digital advertising, analytics, SEO, email and social media marketing, WordPress and e-commerce, graphic design, UX/UI, video and motion graphics, marketing automation, neuromarketing, consumer psychology, growth marketing, AI-powered content creation, product and project management, and related technologies. This flexibility allows training to emphasize the applications and capabilities most relevant to an individual's career objectives.

Practical, Career-Focused Learning

Projects, campaigns, simulations, and real-world marketing scenarios help students apply digital advertising, analytics, SEO, web, e-commerce, creative production, social media, email, and AI-enabled marketing skills. Depending on the selected coursework, students may develop portfolio-ready campaigns, websites, tracking plans, analytics reports, email journeys, marketing assets, and other practical deliverables.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

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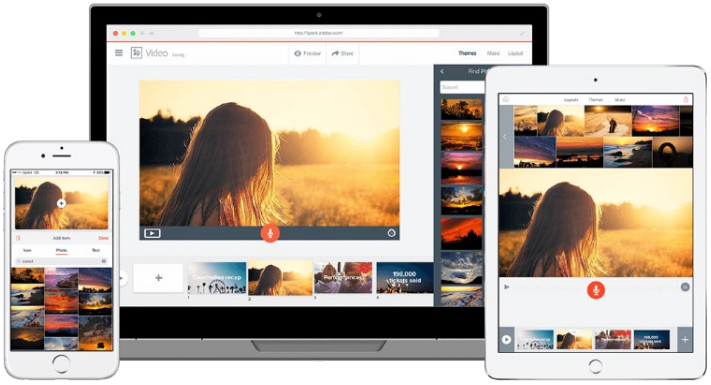
For additional program information, visit https://www.visible-edge.com/digital-marketing-applications-specialist/.

Digital Marketing & Web Design

Build and promote high-performing digital experiences by combining web design, creative content, digital marketing, analytics, and AI-powered tools.

Program Overview

The Digital Marketing & Web Design program develops the creative, technical, and marketing skills needed to build and promote an effective online presence. Students learn to create professional digital content, develop and manage websites, reach audiences through digital channels, and use analytics to improve marketing performance.



Creative Content & Web Design

Students develop skills using Adobe Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Canva, Figma, and other creative applications to produce graphics, advertisements, social media content, animation, video, and user-focused digital experiences. Training also includes WordPress and related web technologies for creating, updating, and managing websites, with opportunities to explore WooCommerce, responsive design, UX/UI principles, performance, and search optimization.

Digital Marketing, Advertising & Analytics

Students explore Search Engine Optimization (SEO), Google Ads, email and social media marketing, e-commerce, content strategy, personal branding, and other techniques for increasing visibility, generating traffic, and engaging customers. Google Analytics 4 (GA4) and related technologies help students evaluate website traffic, audience behavior, advertising performance, conversions, and campaign results so marketing decisions can be continuously improved.

AI-Enhanced Marketing & Creative Technologies

AI tools such as ChatGPT and Google Gemini may support content creation, research, design concepts, campaign planning, creative variations, analytics, and productivity. Students can further develop skills in generative AI for marketing, prompt engineering, marketing automation, AI-assisted design and content creation, and emerging technologies while learning to apply these tools responsibly within digital marketing and creative workflows.



Certification Pathways

Depending on the selected coursework, students may prepare for applicable industry-recognized certifications in digital marketing, analytics, advertising, web technologies, and creative applications, including opportunities associated with Google Ads, Google Analytics, HubSpot, Adobe, and related technologies. Students who hold applicable active certifications may be able to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training with electives in advanced Adobe applications, WordPress and WooCommerce, SEO, email and social media marketing, UX/UI and Figma, photography, video production, Java, Python, Django, web development, e-commerce, marketing automation, consumer psychology, Microsoft 365, project management, generative AI, and other related technologies.



Practical, Career-Focused Learning

Projects, case studies, simulations, and real-world marketing scenarios help students apply creative, web, marketing, advertising, analytics, and AI skills by developing digital content, building web experiences, promoting them across digital channels, measuring results, and improving performance.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

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For additional program information, visit https://www.visible-edge.com/digital-marketing-and-web-design/.



Digital Marketing & Graphics Design

Develop creative, technical, and marketing skills to build brands, produce professional visual content, and engage audiences across digital and traditional media.

Program Overview

The Digital Marketing & Graphics Design Technologies program develops the creative, technical, and marketing skills used to communicate effectively across digital and traditional media. Students learn how graphic design, digital media, video, animation, marketing strategy, and emerging technologies can strengthen brands, communicate ideas, and support marketing objectives.

Graphic Design & Digital Content

Students develop visual communication skills through graphic design principles including typography, color, layout, hierarchy, branding, and accessible design. Training may incorporate Adobe Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Animate, Canva, Figma, and other creative applications to produce graphics, advertisements, marketing materials, social media content, video, motion graphics, and other digital assets.



Digital Marketing & AI Technologies

Students explore digital marketing strategy, audience research, social media, content marketing, search, email, advertising, analytics, and consumer behavior. AI tools such as ChatGPT and Google Gemini may support creative concepts, research, copywriting, content planning, design workflows, analysis, and marketing productivity. Additional training may include prompt engineering, generative imagery, marketing automation, and AI-assisted creative production.

Animation, 3D & Immersive Media



Advanced pathways may include motion graphics, animation, photorealistic rendering, and 3D design using technologies such as After Effects, Maya, Blender, 3ds Max, and other professional applications. Students may also explore AR, VR, Unity, Unreal Engine, and related immersive technologies for interactive media, product visualization, and emerging digital experiences.

Certification Pathways

Depending on selected coursework and current certification offerings, students may prepare for applicable industry-recognized credentials in digital marketing, graphic design, Adobe technologies, analytics, UX/UI, and related creative and technology fields. Students who hold applicable active certifications may be able to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training with electives in Adobe Creative Cloud, Canva, Figma, UI/UX design, WordPress and e-commerce, SEO, Google Ads and analytics, social media and email marketing, photography, cinematography, video production, animation and 3D design, consumer psychology, generative AI, project management, and other creative, marketing, and business technologies.

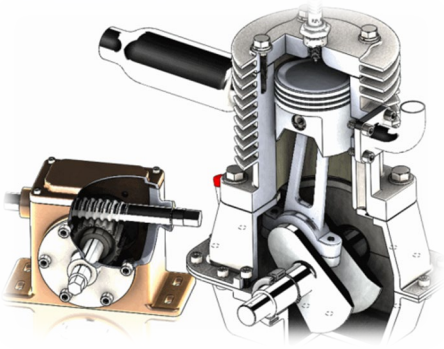
Practical, Career-Focused Learning

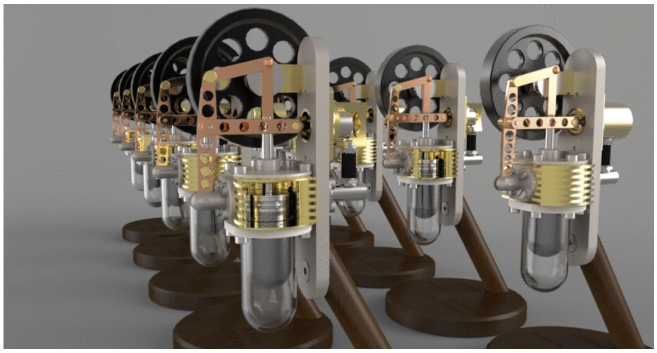
Projects, case studies, simulations, and real-world marketing scenarios help students apply graphic design, digital media, marketing, animation, and AI skills to develop brand assets, advertising campaigns, social content, web experiences, video, motion graphics, and other portfolio-ready creative work.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.
A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

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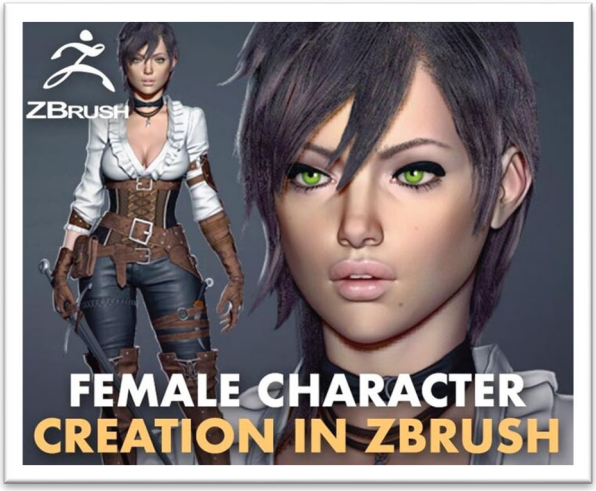
Game Design and Development Technologies

Build creative and technical skills to design, develop, and deliver interactive games and immersive digital experiences.

Program Overview

The Game Design & Development Technologies program develops the creative, technical, and programming skills used throughout modern game production. Students learn how game design, storytelling, software development, digital art, 2D/3D content, and game engines work together to transform ideas into playable experiences. Training combines structured core coursework with electives that can be customized around creative interests, technical strengths, and career goals.

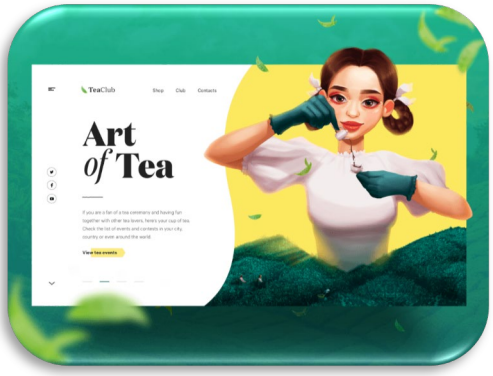
Game Design & Programming



Students explore game design fundamentals, player psychology, mechanics, systems, storytelling, and industry roles while developing programming and problem-solving skills. Training incorporates clean coding practices, C# development, game physics, debugging, and engine-based prototyping, with opportunities to expand into optimization, multiplayer concepts, and other advanced development topics.

Digital Art, 3D & Game Production

Students develop skills in character art, concept development, 2D and 3D modeling, texturing, animation, storyboarding, and asset creation using technologies such as Photoshop, Illustrator, ZBrush, Blender, Maya, and Adobe Animate. Training emphasizes professional content pipelines, including asset preparation, PBR materials, rigging, animation, and integration between art tools and game engines.



Game Engines, Immersive Media & AI

Students gain experience with Unity and Unreal Engine while developing playable scenes, environments, interfaces, visual effects, physics, and interactive systems. Advanced electives may incorporate AR, VR, XR, motion graphics, sound design, and immersive media. Generative AI tools may also support concept development, creative iteration, imagery, storytelling, testing, and production workflows when used responsibly.

Certification Pathways

Core certification pathways include Adobe Certified Professional in Multiplatform Animation Using Adobe Animate and the Epic Games Game Design Professional Certificate. Additional options may include Adobe certifications in Photoshop, Illustrator, and After Effects; Autodesk Maya credentials; AR/VR/XR specializations; graphic design and creative media certifications; and applicable AI, digital content, and project management credentials. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives



Students can customize training across advanced character and environment design, Maya, ZBrush, Blender, Unity, Unreal Engine, game programming and optimization, AR/VR/XR development, storyboarding, interactive narrative, sound design, visual effects, motion graphics, graphic design, generative AI, creative media production, UX, and other game-development technologies.

Practical, Career-Focused Learning

Projects, simulations, game-development exercises, and an optional capstone help students apply design, programming, digital art, storytelling, and engine skills to complete interactive projects. Training may include design briefs, graybox and polished levels, character and environment assets, animation and VFX, prototypes, and a finished mini-game, helping students build portfolio-ready work for game design, programming, technical art, level design, animation, and related interactive media roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/game-design-development-technologies/.

Graphic Design Applications Specialist

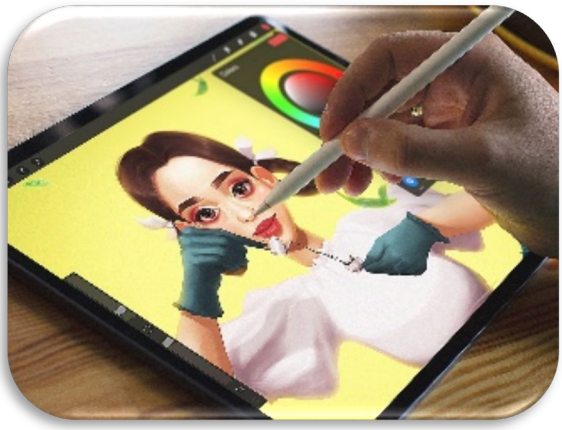
Create professional visual content across print, digital, motion, and interactive media using today's leading graphic design applications.

Program Overview

The Graphic Design Applications Specialist program develops application-level skills for creating, editing, and producing professional visual content. Designed for beginners as well as experienced creative professionals, students can build customized pathways across graphic design, digital media, motion graphics, UI/UX, 3D visualization, and related technologies. There are no required core courses; however, each student must select a pathway leading to at least one Industry Recognized Certification (IRC).

Graphic Design & Creative Applications

Students can develop skills with Adobe Photoshop, Illustrator, and InDesign for image editing, compositing, vector illustration, branding, typography, page layout, and print and digital production. Training can expand into Premiere Pro, After Effects, Animate, Canva, and other creative applications for video editing, motion graphics, animation, marketing assets, and multimedia content.



UI/UX, 3D & Interactive Design

Customized pathways may incorporate Figma and related UI/UX technologies for interface design, prototyping, and collaborative design workflows. Students can also explore Blender, Maya, 3ds Max, ZBrush, Unity, Unreal Engine, AR/VR/XR, 3D modeling, animation, visualization, game assets, and immersive media. Foundational coursework in color theory, drawing, digital painting, typography, and other design principles can be incorporated for students needing additional preparation.

AI & Emerging Creative Technologies

AI technologies such as ChatGPT, Google Gemini, Midjourney, and generative features within creative applications may be incorporated into design workflows for research, ideation, image development, content creation, iteration, and productivity. Students learn to combine emerging AI capabilities with established creative processes while developing practical, cross-application workflows.

Certification Pathways

Students must pursue at least one applicable Industry Recognized Certification. Depending on the selected pathway and current certification offerings, options may include Adobe Certified Professional credentials in Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, and Animate; Autodesk credentials in Maya and 3ds Max; Google UX Design; and

other applicable credentials in graphic design, UX/UI, digital media, 3D, immersive technologies, and related fields. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.



Customized Electives

Students can customize training across Adobe Creative Cloud, Figma, Canva, Blender, Maya, 3ds Max, ZBrush, Unity, Unreal Engine, WordPress, web design, digital marketing, photography, video production, animation, eLearning, instructional design, AI-powered creative technologies, and other related applications. Marketing-focused electives may also include branding, content marketing, social media, SEO, growth marketing, and digital communications.

Practical, Career-Focused Learning

Projects and practical assignments help students apply creative applications to real-world design challenges such as brand assets, marketing materials, publications, digital imagery, motion graphics, video, UI/UX prototypes, and interactive content. Customized pathways can help students build portfolio-ready work while strengthening professional workflows for asset creation, revision, collaboration, production, and delivery.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.



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For additional program information, visit https://www.visible-edge.com/graphic-design-applications-specialist/.

Graphic Design Technologies

Build professional graphic design skills across print, digital, motion, 3D, and interactive media using today's leading creative technologies.

Program Overview



The Graphic Design Technologies program develops creative, technical, and visual communication skills for modern design and digital media. Designed for beginners and experienced professionals, training combines graphic design fundamentals, professional creative applications, motion and multimedia production, UI/UX, 3D design, and emerging technologies, with pathways customized around individual experience and career goals.

Graphic Design & Visual Communication

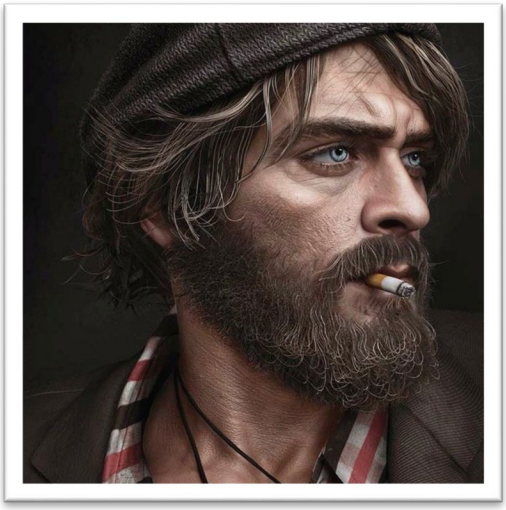
Students develop foundational skills in typography, color, composition, layout, branding, digital illustration, and visual storytelling before progressing into professional design workflows. Training emphasizes concept development, iteration, accessible and ethical visual communication, brand systems, and producing effective assets for print, web, social media, and other digital environments.

Creative Applications, Motion & Multimedia

Students gain practical experience with Adobe Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Animate, and related creative applications. Training may include image editing and compositing, vector illustration, publication design, motion graphics, animation, video editing, and multimedia production while reinforcing professional practices such as file organization, templates, asset management, prepress, and export workflows.

3D, UI/UX & Emerging Creative Technologies

Advanced pathways may incorporate Blender, Maya, 3ds Max, ZBrush, Figma, Canva, Unity, Epic Games technologies, and other tools for 3D modeling, visualization, interface design, prototyping, game-related content, and immersive media. AI tools such as ChatGPT, Midjourney, and generative features within creative applications may support research, ideation, image development, production, and workflow automation when used responsibly.

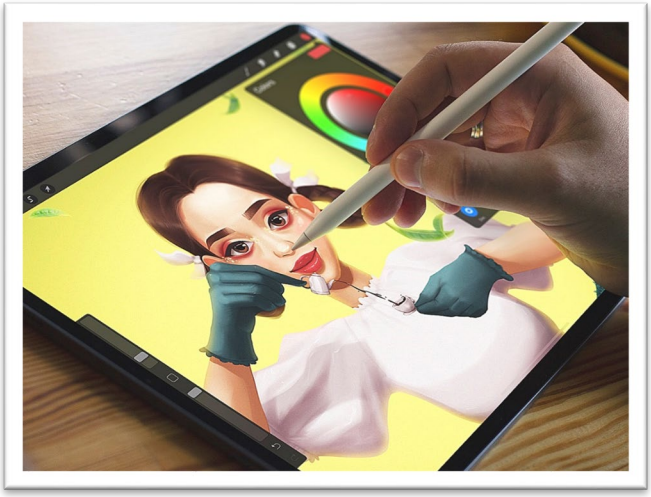


Certification Pathways

Core coursework includes a Graphic Design Specialization certification assessment. Additional pathways may support Adobe Certified Professional credentials in Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, and Animate; Autodesk certifications in Maya and 3ds Max; and credentials in UX/UI, immersive media, digital design, and related creative technologies. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training across Adobe Creative Cloud, motion graphics, video production, 3D modeling and rendering, architectural visualization, Figma and UI/UX, digital illustration, game and interactive media, WordPress and web design, photography, AR/VR/XR, instructional and eLearning design, generative AI, marketing, and other creative technologies.



Practical, Career-Focused Learning

Projects, studio assignments, case studies, and an optional capstone help students apply design principles and creative technologies to real-world visual communication challenges. Training may include brand systems, campaigns, publications, motion pieces, UI prototypes, 3D assets, and other portfolio-ready work while developing the production, presentation, and collaboration skills used in professional design environments.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/graphic-design-technologies/.

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MECHANICAL & ARCHITECTURAL

- AutoCAD Civil Design Applications Specialist (TBA)
- Creo Mechanical Design Applications Specialist
- Inventor Mechanical Design Applications Specialist
- Mechanical Design Technologies
- Mechanical Engineering Review
- Mechanical Engineering Technologies
- Revit Architectural Design Applications Specialist
- SolidWorks Mechanical Design Applications Specialist



AutoCAD Design Applications Specialist

Develop professional AutoCAD drafting, design, and documentation skills for mechanical, architectural, civil, electrical, and multidisciplinary design environments.

Program Overview

The AutoCAD Design Applications Specialist program develops application-level CAD and drafting skills used across engineering, architecture, construction, manufacturing, and infrastructure environments. Designed for beginners and experienced professionals, training progresses from essential AutoCAD workflows into 2D and 3D design, mechanical and MEP applications, specialized Autodesk technologies, and certification preparation.

AutoCAD, Drafting & Technical Design

Students develop proficiency in AutoCAD through drawing setup, layers, object creation and editing, annotation, documentation, and practical 2D and 3D projects. Training expands into AutoCAD Mechanical for parts, assemblies, mechanical annotation, and production documentation, along with AutoCAD MEP for mechanical, electrical, plumbing, HVAC, piping, and building-system drawings.

Civil, Architectural & BIM Technologies

Students can expand their skills through Civil 3D and Revit pathways. Civil training may include construction drawings, roads and highways, pipe networks, grading, surveying, topography, infrastructure design, and plan production. Revit pathways may include architectural, structural, MEP, and electrical design, along with families, detailing, visualization, construction modeling, and multidisciplinary BIM workflows.

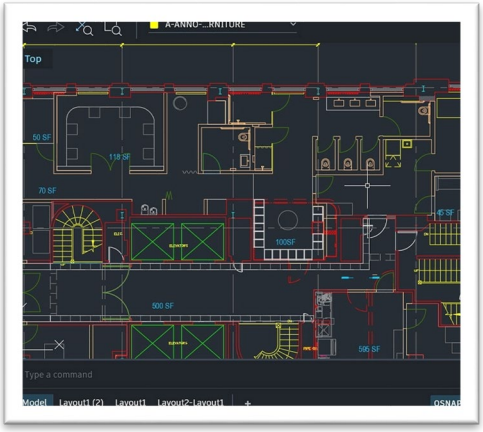
Certification Pathways



Core training includes preparation for the AutoCAD – Autodesk Certified Associate (ACU) certification. Additional certification pathways may include Civil 3D for Infrastructure Design – Autodesk Certified Professional (ACP), Revit for Architecture – Autodesk Certified Associate (ACU), Revit for Electrical Design – Autodesk Certified

Professional (ACP), and Revit for Structural Design – Autodesk Certified Professional (ACP). Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives



Students can customize training with electives in AutoCAD Electrical, Civil 3D, Revit, Navisworks, 3ds Max, Lumion, engineering design, architectural visualization, Photoshop, Illustrator, Visio, Excel, technical communication, and related technologies. AI-focused options may include generative AI task automation, AI for mechanical engineering and materials science, and AI-assisted technical communication and product innovation.

Practical, Career-Focused Learning

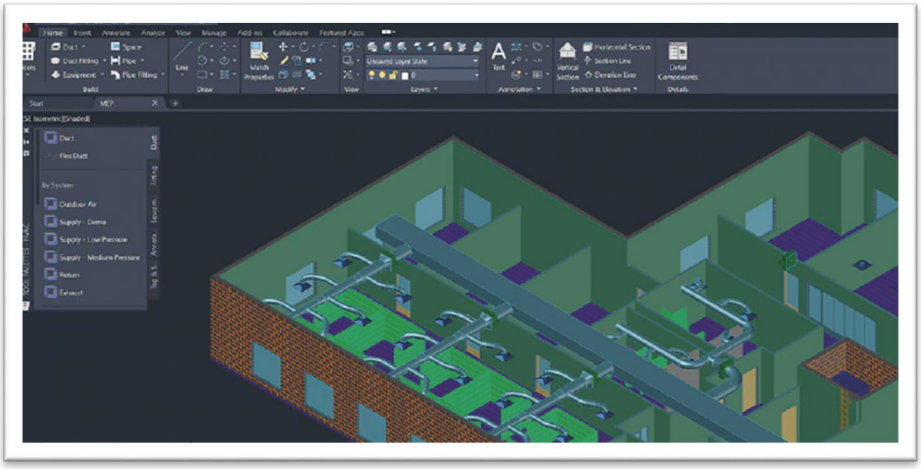
Drawing exercises, practical projects, simulations, and an optional design capstone help students apply CAD skills to professional workflows. Students may create and revise technical drawings, develop 2D and 3D models, prepare documentation, coordinate multidisciplinary design information, and strengthen the practical skills used in CAD, BIM, engineering, architecture, construction, and infrastructure environments.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/autocad-design-applications-specialist/.



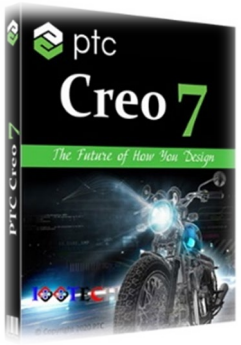
Creo Mechanical Design Applications Specialist

Design with precision—from parametric 3D modeling and assemblies to manufacturing-ready drawings, analysis, and advanced Creo workflows.

Program Overview

The Creo Mechanical Design Applications Specialist program develops application-level 3D mechanical design, modeling, assembly, analysis, and documentation skills used in manufacturing, engineering, aerospace, and product development. Students learn Creo Parametric from fundamental modeling concepts through advanced workflows used to create accurate, change-ready mechanical and electromechanical designs.

Creo Modeling, Assemblies & Engineering Documentation



Students develop skills in parametric sketching, design intent, feature-based part modeling, datum structures, patterns, assemblies, and configuration management. Training progresses into professional 2D engineering drawings with views, sections, dimensions, tolerances, annotations, BOMs, and other manufacturing information. Coursework may also incorporate GD&T principles and standards-based documentation.

Advanced Mechanical Design & Analysis

Training can expand into advanced modeling, multibody design, sheet metal, large assemblies, mechanisms, Model-Based Definition (MBD), Design for Additive Manufacturing, and foundational engineering analysis. Students may use model checks, mass properties, interference detection, and introductory FEA concepts to evaluate designs and support engineering decisions. Windchill coursework can introduce product data management, revisions, product structures, and Creo/PLM workflows.

Certification Pathways

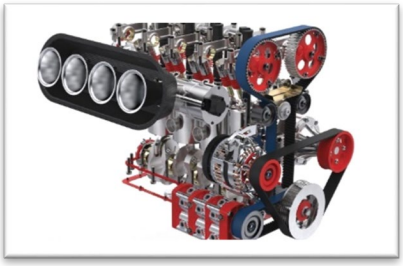


Applicable coursework prepares students for the Creo Associate certification, with advanced training supporting preparation for Creo Modeling Professional credentials. Additional certification-focused electives may be incorporated based on individual career goals. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training with electives in SOLIDWORKS, AutoCAD, GD&T, engineering design, AI technologies, Microsoft Excel and Visio, technical communication, CAD administration, IT support, and related mechanical design

technologies. AI tools such as ChatGPT may support technical research, documentation, troubleshooting, engineering calculations, product innovation, and workflow productivity.



Practical, Career-Focused Learning

Projects, CAD exercises, simulations, and real-world mechanical design scenarios help students apply Creo modeling, assemblies, engineering drawings, analysis, MBD, and advanced design techniques. Capstone opportunities can integrate modeling, assembly, analysis, and documentation into comprehensive mechanical design projects aligned with professional engineering and manufacturing workflows.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/creo-mechanical-design-applications-specialist/.



Inventor Mechanical Design Applications Specialist

Design, simulate, and automate production-ready mechanical systems with Autodesk Inventor—from parametric parts and assemblies to manufacturing documentation and advanced engineering workflows.

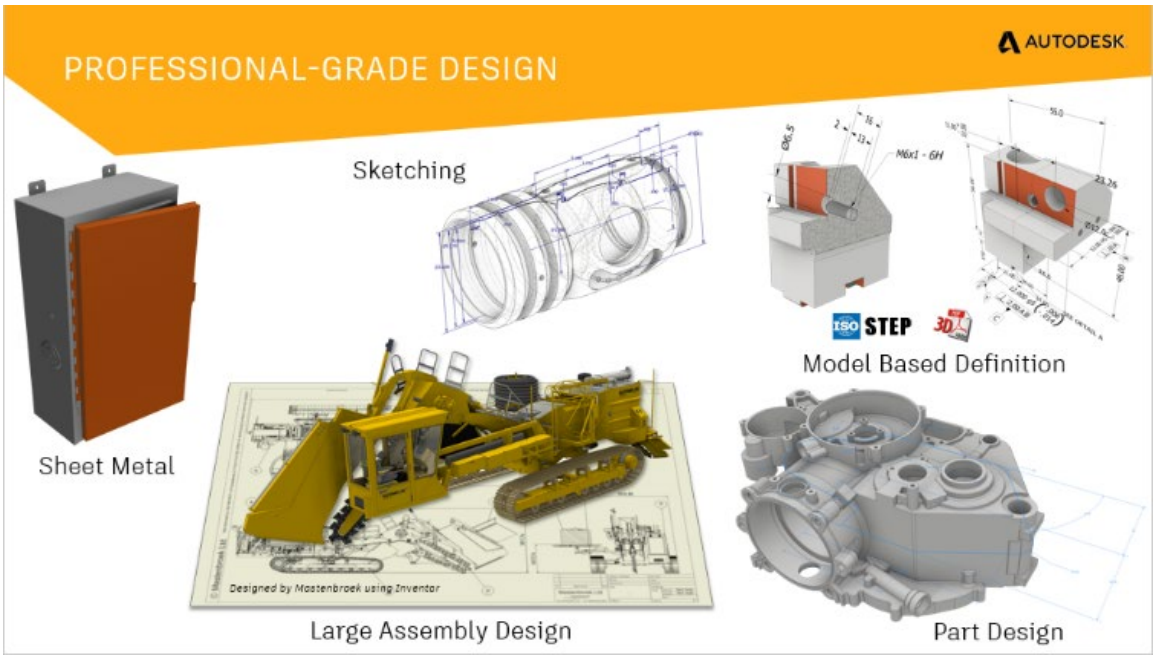
Program Overview

The Inventor Mechanical Design Applications Specialist program develops application-level 3D mechanical design, modeling, assembly, and detailing skills used in manufacturing, engineering, and product development. Students learn Autodesk Inventor to create parametric parts, assemblies, and technically accurate engineering documentation while developing practical design-to-manufacturing skills.

Inventor Modeling & Engineering Documentation

Students develop proficiency in Inventor workflows, sketching, parametric part design, assemblies, and engineering drawings. Training covers dimensions, annotations, drawing views, parts lists, and other technical information used to communicate manufacturing requirements. Supporting coursework may include engineering design fundamentals and Geometric Dimensioning and Tolerancing (GD&T).

Advanced Design, Simulation & Automation



Students can advance into sheet metal, weldments, plastic part design, Frame Generator, Tube and Pipe, and Cable and Harness workflows. Specialized training may incorporate Finite Element Analysis (FEA), kinematic simulation, and iLogic automation to evaluate mechanical behavior, automate design processes, and improve engineering productivity. AI technologies may also support technical research, calculations, troubleshooting, documentation, and product innovation.

Certification Pathways

Core training prepares students for the Inventor – Autodesk Certified Associate (ACU) credential, with advanced coursework supporting preparation for Inventor for Mechanical Design – Autodesk Certified Professional (ACP) and CAD for Mechanical Design – Autodesk Certified Associate (ACU) certification pathways. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training with electives in AutoCAD, AutoCAD Mechanical, SOLIDWORKS, advanced GD&T, engineering design, AI technologies, Microsoft Excel and Visio, IT support, and related mechanical design technologies. Electives allow students to expand their CAD capabilities or develop complementary technical skills based on individual career objectives.

Practical, Career-Focused Learning

Projects, simulations, CAD exercises, and real-world mechanical design scenarios help students apply Inventor modeling, assemblies, engineering documentation, simulation, and automation skills. Capstone opportunities can integrate part and assembly design, documentation, analysis, and advanced Inventor workflows into practical mechanical design projects.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

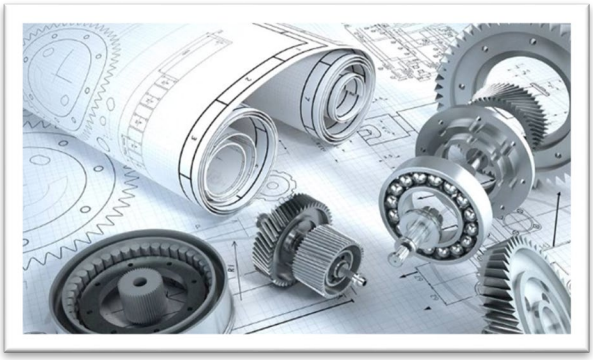


A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/inventor-mechanical-design-applications-specialist/.

Mechanical Design Technologies

Build practical mechanical products from concept through manufacturing by combining SOLIDWORKS, engineering fundamentals, GD&T, materials, and modern production technologies.



Program Overview

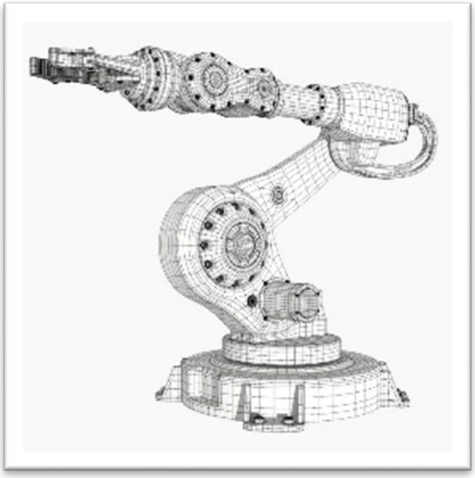
The Mechanical Design Technologies program develops the technical, manufacturing, and design skills needed to create practical mechanical products and systems. Designed for beginners as well as CAD professionals seeking broader capabilities, training combines 3D CAD, engineering fundamentals, manufacturing knowledge, materials, and mechanical design principles.

3D CAD & Engineering Documentation

Students develop skills in SOLIDWORKS parametric modeling, part and assembly design, engineering drawings, design intent, configurations, BOMs, and technical documentation. Training incorporates engineering drawing interpretation, dimensioning and tolerancing, and Geometric Dimensioning and Tolerancing (GD&T) to help students accurately communicate design and manufacturing requirements.

Manufacturing & Mechanical Design

A four-part Manufacturing Processes & Sciences sequence introduces materials, measurement, quality, safety, machining, CNC, additive manufacturing, welding, robotics, hydraulics, pneumatics, and other production technologies. Advanced training incorporates physics, mechanical systems, machine design, materials selection, fixture and workholding design, Design for Manufacturing (DFM), and Design for Additive Manufacturing (DfAM) to connect engineering decisions with cost, quality, manufacturability, and performance.



Certification Pathways

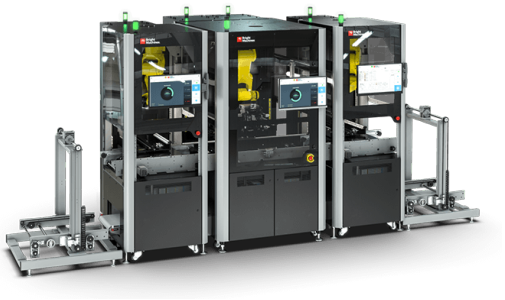
Core coursework prepares students for the Certified SOLIDWORKS Associate (CSWA) and Certified Manufacturing Associate (CMfgA) – SME credentials. Additional pathways may support Certified Additive Manufacturing – Fundamentals (CAM-F) – SME and Robotics in Manufacturing Fundamentals (RMF) – SME certifications. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Customized Electives

Students can customize training with electives in advanced SOLIDWORKS, robotics and mechatronics, additive manufacturing, machine design, materials, welding, hydraulics and pneumatics, motor controls, electrical systems, advanced GD&T, engineering mathematics, AI technologies, technical communication, and related engineering and manufacturing disciplines.

Practical, Career-Focused Learning

Projects, simulations, CAD exercises, case studies, and real-world mechanical design scenarios help students apply modeling, engineering documentation, GD&T, materials, manufacturing, and problem-solving skills. Capstone opportunities integrate design and manufacturing principles to develop products and systems that can be effectively produced, assembled, inspected, operated, and maintained.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/mechanical-design-technologies/.

Mechanical Engineering Review

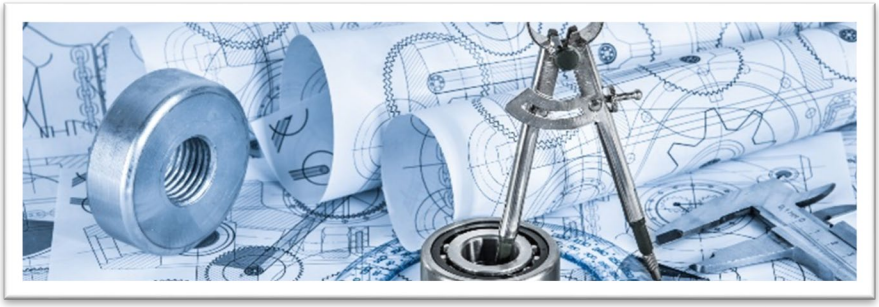
Engineering fundamentals refreshed for experienced professionals ready to strengthen technical capability, analytical confidence, and modern mechanical engineering skills.

Program Overview

The Mechanical Engineering Review program is designed for experienced engineers, engineering managers, designers, and technical professionals seeking to refresh core mathematics and engineering knowledge. Rather than repeating a traditional degree program, students can build a customized pathway around their education, experience, current technical abilities, and professional goals.

Mathematics & Engineering Fundamentals

Students can refresh mathematics through algebra, trigonometry, precalculus, calculus, linear algebra, differential equations, probability, and statistics before progressing into engineering applications. Core coursework reviews Engineering Mechanics, including Statics and Dynamics, Thermodynamics, and Mechanics of Materials, reinforcing the principles used to evaluate forces, motion, stress, strain, energy, materials, and mechanical system behavior.

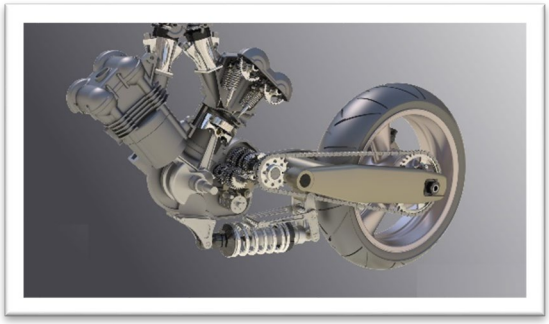


Advanced Engineering, Analysis & Design

Electives can expand into Fluid Mechanics, Heat and Mass Transfer, Heat Exchangers, Materials Selection, Physical Metallurgy, Machine Design, System Dynamics and Controls, Finite Element Analysis (FEA), Computational Fluid Dynamics (CFD), and Robotics and Mechatronics. Additional training can incorporate SOLIDWORKS, GD&T, simulation, product development, systems engineering, and technical documentation to strengthen practical design and analysis capabilities.

AI for Engineering Applications

AI-focused coursework may include AI for Mechanical Engineers, AI in Materials Science, Generative AI Task Automation, Math with ChatGPT, and AI-enabled technical communication. Tools such as ChatGPT and related technologies can support research, calculations, documentation, troubleshooting, product development, and engineering problem-solving while emphasizing professional judgment and verification of results.



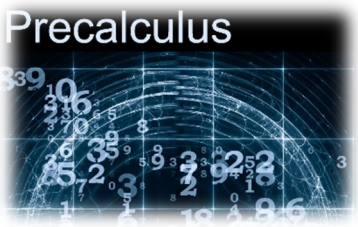
Certification Pathways

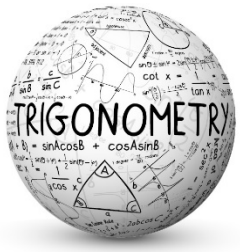
Depending on selected coursework, students may prepare for applicable certifications in AI for mechanical engineering, SOLIDWORKS, change management, and related technologies. Certification pathways can be selected based on the student's existing experience and professional objectives.

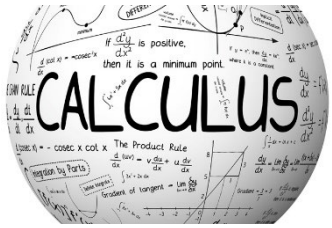
Customized Electives

Training can be customized with mathematics, physics, chemistry, mechanical engineering, CAD, simulation, GD&T, materials science, robotics, product development, technical communication, and related coursework. An optional Mechanical Engineering Capstone Project can integrate engineering analysis, modeling, simulation, and design concepts into a practical application.









Practical, Career-Focused Learning

Problem sets, engineering exercises, simulations, design projects, and real-world technical scenarios help students apply mathematics, mechanics, thermodynamics, materials, FEA, CFD, machine design, and modern engineering technologies. The program is particularly suited to experienced professionals who need to refresh technical skills, return to hands-on engineering responsibilities, or strengthen their technical credibility while continuing to lead engineering and project teams.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/mechanical-engineering-review/.

Mechanical Engineering Technologies

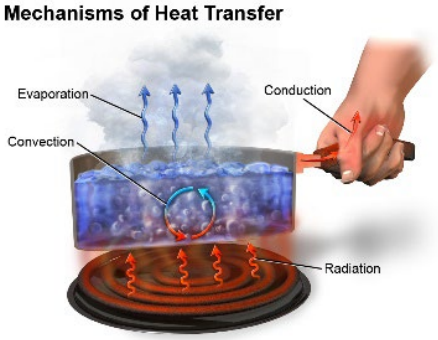
Build engineering, design, and analytical skills for mechanical products and systems.

Program Overview

The Mechanical Engineering Technologies program develops the mathematics, engineering, design, and manufacturing knowledge used to understand and improve mechanical products and systems. Designed for individuals with limited formal engineering training as well as CAD and mechanical design professionals, the program combines engineering principles with practical design and manufacturing technologies.

Mathematics & Mechanical Engineering

Students build an analytical foundation through algebra, geometry, trigonometry, precalculus, calculus, and differential equations based on existing proficiency. Advanced coursework may include Engineering Mechanics, Statics and Dynamics, Mechanics of Materials, Materials Science, Thermodynamics, System Dynamics and Controls, Fluid Mechanics, Heat Transfer, FEA, and CFD, developing skills for evaluating forces, motion, stresses, materials, energy, fluids, and system behavior.



Mechanical Design & Manufacturing

Students develop SOLIDWORKS 3D parametric modeling skills in parts, assemblies, drawings, advanced modeling, sheet metal, weldments, surfacing, and related design applications. A four-part Manufacturing Processes and Sciences series introduces materials, measurement, machining, CNC, welding, additive manufacturing, assembly, metrology, and other production technologies. Training progresses into mechanical systems, machine design, materials selection, product development, and Design for Manufacturing (DFM).

AI & Engineering Technologies

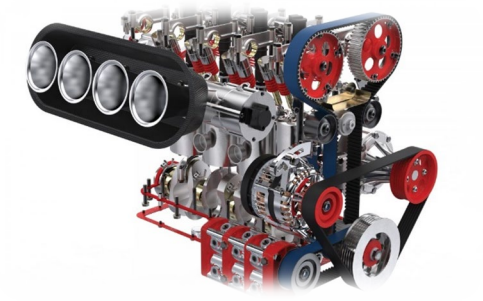


AI tools such as ChatGPT and Google Gemini may support technical research, mathematical problem-solving, documentation, troubleshooting, product development, and design analysis while emphasizing independent verification of technical results. Additional pathways may incorporate MATLAB, Mathematica, robotics and mechatronics, electrical systems, simulation, automation, and other emerging engineering technologies.

Certification Pathways

Students may prepare for the Certified SOLIDWORKS Associate (CSWA) certification. Through Visible Edge's partnership with the Society of Manufacturing Engineers (SME), qualified students may also pursue Certified Manufacturing Associate (CMfgA), Certified Manufacturing Technologist (CMfgT), additive manufacturing, robotics, and other applicable industry-recognized credentials.

Customized Electives



Students can customize training with additional coursework in advanced SOLIDWORKS, mathematics, engineering analysis, manufacturing, GD&T, robotics, mechatronics, electrical systems, simulation, product development, AI, technical communication, and related technologies based on their existing experience and professional objectives.

Practical, Career-Focused Learning

Engineering problems, projects, simulations, CAD exercises, mathematical analysis, and real-world scenarios help students apply mathematics, mechanical engineering, design, analysis, and manufacturing knowledge to mechanical products and systems. Mid-term and capstone projects can integrate CAD, engineering analysis, prototyping, documentation, and manufacturing planning into practical design applications.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.



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For additional program information, visit https://www.visible-edge.com/mechanical-engineering-technologies/.

SolidWorks Mechanical Design Applications Specialist

Develop advanced SOLIDWORKS skills for mechanical design, engineering documentation, simulation, and manufacturing applications.

Program Overview

The SOLIDWORKS Mechanical Design Applications Specialist program develops application-level 3D mechanical design, modeling, and detailing skills used in manufacturing, engineering, and product development. Students learn SOLIDWORKS to create parametric models, assemblies, and technically accurate engineering documentation for mechanical and electromechanical products.

SOLIDWORKS Modeling & Engineering Documentation

Students develop skills in sketching, parametric modeling, design intent, parts, assemblies, and engineering drawings before progressing into advanced part and assembly modeling, sheet metal, weldments, surfacing, and industrial design workflows. Training may also include engineering graphics, dimensioning and tolerancing, GD&T, multibody design, and advanced modeling techniques.



Advanced Design, Simulation & Manufacturing Technologies

Training can expand into plastics and mold design, piping, tubing and cabling, electrical schematics, inspection, rendering and visualization, CAD administration, and PDM. Advanced simulation pathways include SOLIDWORKS Simulation for structural and performance analysis and Flow Simulation for applications such as HVAC and electronics cooling. AI tools such as ChatGPT and Google Gemini may also support technical research, documentation, troubleshooting, concept development, and design workflows.

Certification Pathways

Core coursework prepares students for the Certified SOLIDWORKS Associate (CSWA) certification. Depending on selected coursework and qualifications, advanced training may also support preparation for the Certified SOLIDWORKS Professional (CSWP) credential and other applicable design and engineering certifications.



Customized Electives

Students can customize training with electives in GD&T, Mastercam, CAMWorks, AutoCAD, engineering design, AI for mechanical engineering and materials science, technical communication, Microsoft Excel and Visio, CAD administration, IT, and other design, manufacturing, and engineering technologies.

Practical, Career-Focused Learning



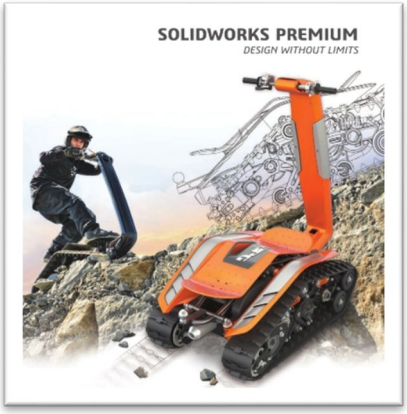
Projects, CAD drills, simulations, certification exercises, and real-world mechanical design scenarios help students apply SOLIDWORKS, 3D modeling, engineering documentation, simulation, and manufacturing knowledge. An optional capstone project can integrate advanced modeling, assemblies, drawings, analysis, and documentation into a comprehensive mechanical design application.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/solidworks-mechanical-design-applications-specialist/.



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BUILDING & CONSTRUCTION

Architectural Design Technologies

Building & Construction Design Applications Specialist

Civil Design Technologies

Revit Architectural Design Applications Specialist



Architectural Design Technologies

Develop architectural, BIM, structural, and digital design skills for modern building projects.

Program Overview

The Architectural Design Technologies program develops the technical, analytical, and digital skills used throughout architectural design and the building industry. Designed for new and experienced professionals, training combines architectural principles, mathematics, structural concepts, construction technologies, and modern design applications.



Architectural & Structural Design

Students build a foundation in architectural design, graphics, sketching, construction mathematics, physics, and trigonometry before progressing into subjects such as Statics, Strength of Materials, Soil Mechanics, structural steel, surveying, concrete technology, reinforced concrete, and foundation design. These areas help students understand the structural, material, and site considerations that influence building design.

BIM & Digital Design Technologies



Students develop skills with Autodesk Revit for creating intelligent 3D building models and coordinated architectural and construction documentation. Training includes architectural modeling, families, detailing, schedules, sheets, and project-based workflows, with pathways into structural and MEP systems, AutoCAD, BIM coordination, visualization, and architectural automation using tools such as Dynamo and Python.

AI & Emerging Design Technologies

AI and generative tools can support architectural research, concept development, documentation, project planning, visualization, and workflow productivity. Training may incorporate tools and techniques related to generative AI, prompt engineering, generative design, smart building systems, and AI-assisted project management while emphasizing professional judgment and verification.

Certification Pathways

Core coursework prepares students for the Revit for Architecture – Autodesk Certified Associate (ACU) credential. Depending on the selected pathway, students may also prepare for Autodesk Certified Professional (ACP) credentials in Revit Architectural, Structural, and Electrical Design or AutoCAD Design and Drafting, along with Bluebeam, LEED, construction management, and related professional certifications.

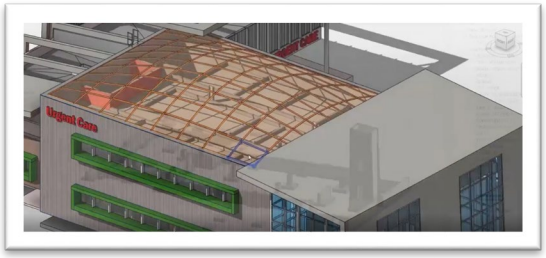


Customized Electives

Students can customize training in structural and reinforced concrete design, MEP and building systems, BIM coordination, residential and commercial design, construction management, architectural visualization, interior architecture, sustainable design, HVAC, and architectural automation. Technologies may include Lumion, Unreal Engine, Navisworks, 3ds Max, V-Ray, SketchUp, Photoshop, Illustrator, Dynamo, Python, and Bluebeam.

Practical, Career-Focused Learning

Projects, simulations, architectural exercises, BIM modeling, and real-world design scenarios help students apply architectural, structural, construction, visualization, and sustainability knowledge. Project-based Revit coursework and an available Architectural Design Technologies capstone reinforce skills used to produce coordinated models, drawings, details, schedules, and construction documentation.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/architectural-design/.

Building & Construction Design Applications Specialist

Develop BIM, CAD, and digital construction skills for coordinated building design and documentation.

Program Overview



The Building & Construction Design Applications Specialist program develops application-level design, drafting, modeling, and BIM skills used throughout the building and construction industries. Designed for new and experienced professionals, training focuses on digital technologies supporting architectural, structural, civil, construction, and related design projects.

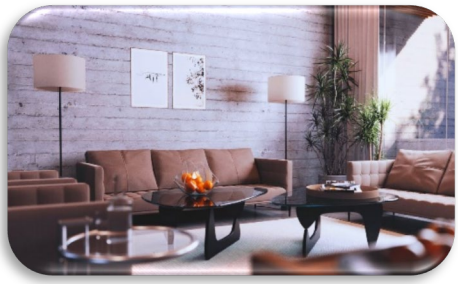
Revit, BIM & Construction Documentation

Students develop proficiency with Autodesk Revit to create intelligent 3D building models and coordinated construction documentation. Training covers architectural modeling, conceptual design, detailing, visualization, worksharing, Revit Families, views, schedules, sheets, and building information management. AutoCAD training builds complementary drafting and documentation skills while preparing students for professional Autodesk certification.

Advanced BIM & Construction Technologies

Training can expand into Revit structural, MEP, electrical, HVAC, and fire systems along with phasing, templates, schedules, rendering, and generative design. BIM implementation and advanced project workflows support multidisciplinary coordination, while Civil 3D can introduce infrastructure, roadway, piping, surveying, grading, and plan-production applications.

AI, Automation & Digital Construction



AI and generative tools may support technical research, documentation, project organization, and design workflows. Students can also explore Dynamo-based automation, Bluebeam documentation, digital construction and project modeling, smart-building technologies, energy analysis, and other tools that improve coordination and productivity across building projects.

Certification Pathways

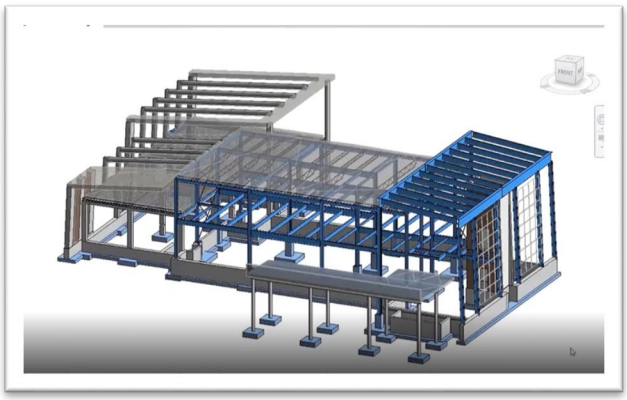
Core coursework prepares students for the AutoCAD for Design and Drafting – Autodesk Certified Professional (ACP) credential and can also support Revit for Architecture – Autodesk Certified Associate (ACU) certification. Depending on the selected pathway, additional training may support Autodesk credentials in Revit Architectural, Structural, Electrical, and Civil 3D technologies, along with Bluebeam and construction project management certifications.

Customized Electives

Students can customize training in construction management, cost estimating, project scheduling, civil and infrastructure design, interior design, architectural visualization, energy and smart-building systems, and digital construction. Technologies may include Civil 3D, SketchUp, V-Ray, Photoshop, Illustrator, 3ds Max, Bluebeam, Dynamo, Smartsheet, and other design and project-management applications.

Practical, Career-Focused Learning

Projects, BIM exercises, simulations, and real-world construction scenarios help students apply Revit, AutoCAD, BIM coordination, visualization, and construction documentation skills. Residential and multifamily Revit projects and an available Building & Construction Design Applications Specialist capstone reinforce practical workflows from model development through coordinated construction deliverables.



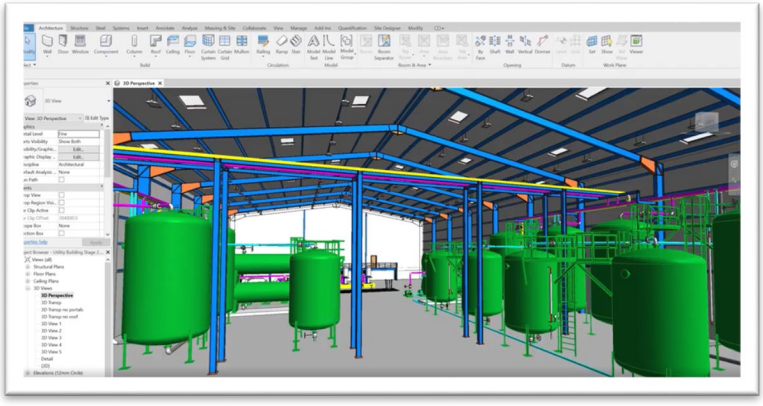
Funding & Customized Program Planning

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For additional program information, visit https://www.visible-edge.com/building-construction-design-applications-specialist/.





Civil Design Technologies

Develop civil engineering, infrastructure design, and BIM skills for roads, utilities, structures, and land development.

Program Overview



The Civil Design Technologies program develops the technical, engineering, and application skills used to plan and support roads, transportation systems, water and wastewater systems, utilities, land development, buildings, and other civil infrastructure. Designed for new and experienced professionals, training combines civil design fundamentals with engineering principles and industry-standard technologies.

Civil Engineering & Infrastructure Design

Students develop knowledge in civil design, construction drawings, mathematics, statics, strength of materials, soil mechanics, surveying, reinforced concrete, foundation engineering, hydrology, and construction methods. Training connects these principles to practical infrastructure design by examining terrain, materials, structural loads, soils, water movement, utilities, and construction requirements.

Civil 3D, Roadway & Utility Design

Students develop Autodesk Civil 3D skills for survey and terrain data, surfaces, alignments, profiles, corridors, intersections, grading, roadway design, site development, and plan production. Training also covers gravity and pressure pipe networks, water and wastewater systems, underground piping, and residential and infrastructure projects.



Revit, Structural Design & BIM

Revit training develops architectural and structural BIM skills used to create coordinated models and construction documentation. Coursework can include detailing, structural modeling, reinforced and prestressed concrete, foundations, concrete buildings, steel structures, and multidisciplinary BIM workflows, connecting building and structural design with broader civil infrastructure projects.

Certification Pathways

Core training supports preparation for Revit for Structural Design – Autodesk Certified Professional (ACP) and Civil 3D for Infrastructure Design – Autodesk Certified Professional (ACP) credentials. Additional pathways may incorporate Bluebeam, construction management, project management, and other applicable design and construction certifications.

Customized Electives

Students can customize training with structural and bridge design, surveying, GIS and geomatics, drone surveying, geology, environmental management, materials science, hydrology, foundations, and earthwork design. Additional technologies and subjects may include Revit and BIM enhancements, Dynamo, Navisworks, SketchUp, visualization applications, Bluebeam, construction estimating, project controls, and AI-supported construction workflows.



Practical, Career-Focused Learning

Projects, simulations, civil design exercises, and real-world infrastructure scenarios help students apply engineering principles, Civil 3D, Revit, BIM, surveying, roadway, utility, structural, and site-design skills. An available Civil Design Technologies capstone provides an opportunity to integrate these capabilities into a coordinated civil and infrastructure design project.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

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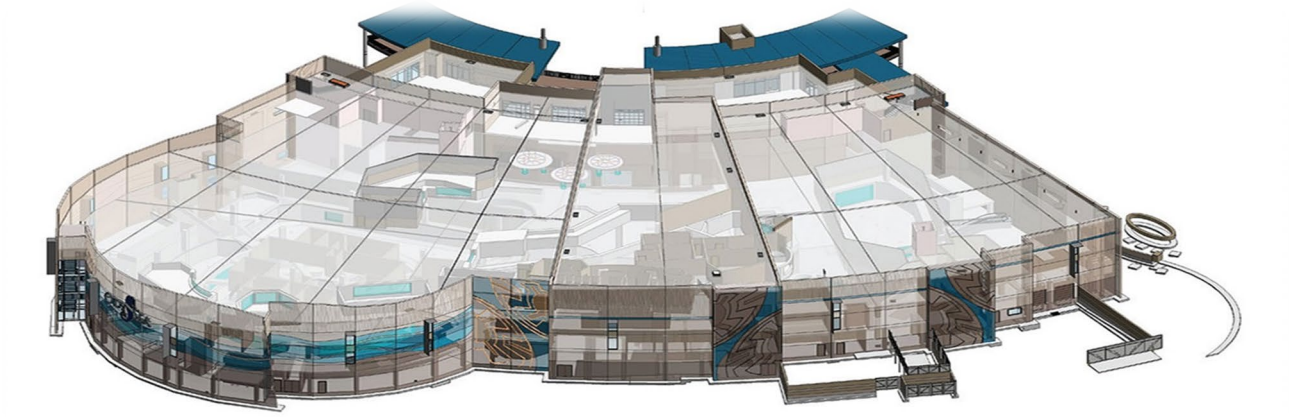


Revit Architectural Design Applications Specialist

Build professional Revit, BIM, documentation, and visualization skills for architectural design.

Program Overview

The Revit Architectural Design Applications Specialist program develops the BIM, architectural modeling, documentation, and visualization skills used throughout architecture, engineering, and construction. Designed for aspiring designers, BIM technicians, drafters, and experienced building professionals, the program centers on Autodesk Revit and practical workflows for creating coordinated 3D building models and construction documentation.



Revit Architectural Design & Documentation

Students' progress from Revit fundamentals into architectural modeling, detailing, Families, visualization, and project-based design. Training covers walls, floors, roofs, stairs, curtain walls, views, sheets, schedules, annotations, parametric content, and construction documentation. Residential and multifamily projects reinforce the complete workflow from model development through presentation and drawing production.

BIM Collaboration & Advanced Workflows

Training develops worksharing, BIM coordination, model organization, project standards, schedules, data management, phasing, design options, and multidisciplinary collaboration. Advanced electives can expand into Revit Structure, MEP, HVAC, plumbing, electrical systems, structural analysis, construction modeling, Dynamo, Python automation, generative design, Navisworks coordination, and clash detection.



AI, Visualization & Sustainable Design

Artificial Intelligence for Architecture & Design introduces AI-supported approaches to architectural workflows, while additional AI tools may support research, documentation, troubleshooting, and project organization. Visualization options include Revit rendering, Lumion, 3ds Max, V-Ray, Unreal Engine, and AR/VR workflows. Students may also explore energy analysis, sustainable design, Revit Insight, and LEED-related topics.

Certification Pathways



Core coursework prepares students for the Revit for Architecture – Autodesk Certified Associate (ACU) certification. Depending on the customized pathway, students may also prepare for Autodesk Certified Professional (ACP) credentials in Revit Architectural, Structural, or Electrical Design, as well as applicable LEED and other professional credentials.

Customized Electives

Students can customize training in architectural, structural, MEP, interior, residential, and construction applications. Electives may incorporate advanced Revit modeling, AutoCAD, BIM management, visualization, sustainability, automation, technical communication, and related design technologies based on existing experience and career objectives.

Practical, Career-Focused Learning

Residential and multifamily projects, BIM exercises, visualization assignments, certification preparation, and an optional capstone help students apply Revit skills to realistic architectural workflows. Training supports the development of practical capabilities for architectural design, BIM modeling and coordination, construction documentation, visualization, and related AEC roles.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

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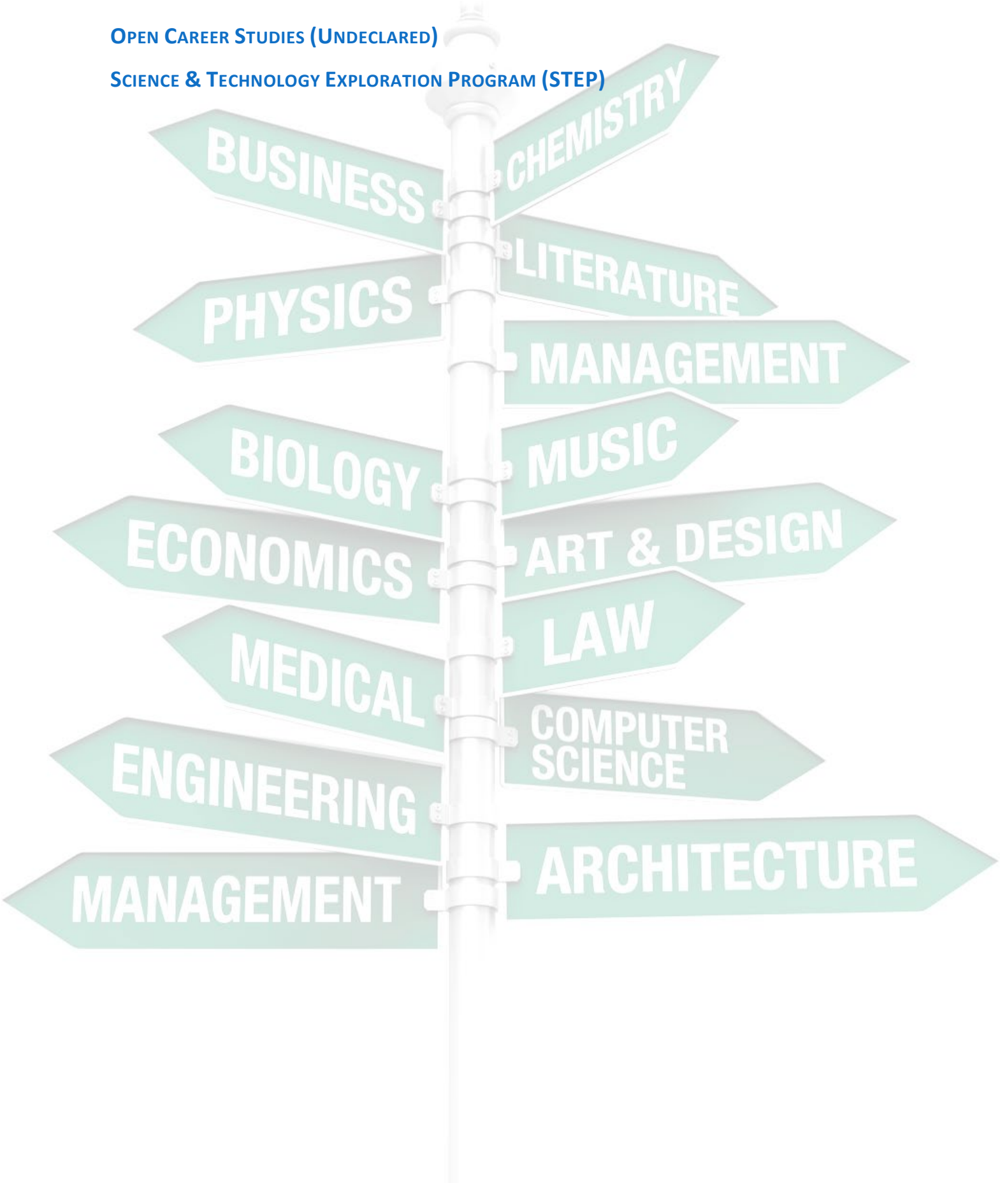


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UNDECLARED & EXPLORATORY PROGRAMS

Open Career Studies (Undeclared)

Science & Technology Exploration Program (STEP)



Open Career Studies (Undeclared)

Build the professional, digital, organizational, and AI-enabled skills needed to keep modern offices, teams, and business operations running efficiently.

Program Overview

The Office Administration & Support Technologies program develops practical administrative, communication, technology, and organizational skills for today's digital workplace. Students learn to support teams and business operations professionally while using modern productivity, collaboration, process improvement, and AI-enabled technologies.

Professional Administration & Workplace Communication

Students develop administrative fundamentals including professional judgment, confidentiality, workplace etiquette, customer service, scheduling, meeting coordination, interviewing, and effective written, verbal, and digital communication. Training may also address cross-cultural communication, conflict management, human resources administration, and professional practices for remote and hybrid workplaces.

Microsoft 365, Collaboration & Office Technologies



Students build practical skills with Microsoft 365 and applications such as Planner, Excel, Word, PowerPoint, Outlook, Teams, SharePoint, and Microsoft Lists. Training may also incorporate Zoom, Adobe Acrobat, Visio, Salesforce, QuickBooks, and other technologies used to coordinate work, manage information, communicate with stakeholders, and support day-to-day business operations.

Process Improvement, Project Coordination & Information Management

Training develops skills in business process improvement, process mapping, workflow analysis, Agile project management, document retention, and data management. Students learn to organize information, visualize processes, identify inefficiencies, coordinate tasks, and develop more consistent administrative workflows using practical tools, standards, and documentation.

AI for Administrative Productivity

Students explore Microsoft 365 Copilot and other generative AI technologies for administrative and business applications. AI may support correspondence, meeting summaries, research, presentations, data analysis, project coordination, first-draft procedures, marketing activities, and task automation while emphasizing responsible use, information security, and validation of AI-generated content.

Certification Pathways

Core coursework supports preparation for the Agile Project Management Professional Certificate and Microsoft 365 Copilot Productivity certification assessment. Depending on the selected pathway, students may also prepare for credentials in generative AI task automation, bookkeeping, AI-powered Excel analysis, digital marketing, medical billing and coding, and Microsoft Office Specialist certifications in Excel, Word, PowerPoint, and Outlook. Students with applicable active certifications may be eligible to substitute electives for corresponding required coursework.

Microsoft Flow Project Publisher SharePoint Sway Visio Microsoft Lists OneDrive Microsoft Sway

Customized Electives

Students can customize training in bookkeeping and QuickBooks, payroll, Microsoft Office applications, Excel data analysis and automation, SharePoint, Microsoft Lists, Adobe Acrobat and Creative Cloud, customer service, human resources, legal office administration, event planning, Salesforce, WordPress and e-commerce, remote-office productivity, digital marketing, finance, and AI-enabled business applications.

Practical, Career-Focused Learning

Projects, simulations, exercises, and workplace scenarios help students apply administrative, communication, Microsoft 365, project coordination, information management, process improvement, and AI productivity skills to practical business challenges. Training can support career development in office administration, executive support, project coordination, customer service, operations, human resources, bookkeeping, and related administrative roles.



Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/open-career-studies/.

Science & Technology Exploration Program (STEP)

Explore science and technology careers before choosing your path.

Program Overview

The Science and Technology Exploration Program (STEP) is designed for individuals interested in science and technology who are not yet certain which career path is right for them. Ideal for students considering college, individuals entering the workforce, or those exploring a career change, STEP provides exposure to multiple disciplines, practical skills, and real technologies before students commit to a more specialized educational or career pathway.

Explore Science & Technology Fields

Drawing from Visible Edge's catalog of more than 2,500 courses, students can explore areas such as Information Technology, cybersecurity, CAD and design, manufacturing, engineering, architecture, data science, Business Intelligence, programming, robotics, electronics, IoT, digital marketing, graphic design, animation, mathematics, statistics, aerospace, and other emerging technology fields. Students gain exposure to the concepts, technologies, and problem-solving approaches used across different professions.

Technology & Practical Skills

Depending on the selected pathway, students may work with CAD and 3D modeling platforms, Python and SQL, data analytics tools, manufacturing technologies, computer and networking systems, digital design applications, electronics, robotics platforms, and other industry technologies. AI tools such as ChatGPT, Google Gemini, and Microsoft Copilot may also be incorporated where relevant to demonstrate how emerging technologies are being used across different professions.

Flexible Exploration Pathways

STEP is designed to evolve as students discover their interests and strengths. Training hours may be redirected toward subjects that generate greater interest, while areas that do not align with a student's goals may be replaced with other appropriate coursework. This flexibility allows students to explore broadly before concentrating more deeply on promising career areas

Certification Pathways

Depending on selected coursework, students may have opportunities to prepare for applicable industry-recognized credentials. This allows students to begin developing demonstrable skills and qualifications while exploring potential educational and professional directions.

Practical, Career-Focused Learning

Projects, hands-on exercises, simulations, technology demonstrations, and real-world scenarios help students experience how different science and technology disciplines solve problems and create solutions. STEP helps students identify potential career interests while building practical skills that can support continued education, specialized training, or employment.

Funding & Customized Program Planning

Eligible students may qualify for government-funded training programs that can cover up to 100% of program costs. Visible Edge participates in programs including WIOA, Trade Act, Section 30, and other available funding opportunities. Additional financing options may also be available. Eligibility requirements vary.

A Visible Edge counselor can review your work experience, career goals, certification interests, and potential funding eligibility to help determine the training pathway that best fits your needs.

For additional program information, visit https://www.visible-edge.com/science-technology-exploration-program/.

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PROGRAM PREREQ's & PROSPECTS

Program Prerequisites



The majority of our base programs have been specifically designed to support disadvantaged individuals, displaced workers, and recent high school graduates to allow them to qualify for an entry level position in a new career. Unless specified otherwise, all programs can be taken as entry level programs, meaning no prior skills are required other than the core pre-requisites below.



For those who may have existing applicable skills, our programs will help a student qualify for a higher paying position in the field they are already in or into a whole new career depending on the program level selected.



The only pre-requisites for the majority of our programs are a High School Diploma (or GED) and a working knowledge of the English language. We do offer business level ESL, English grammar, and fundamentals of mathematics courses as refreshers. These are offered at no charge to help a student prepare for their entry into their chosen program. Some programs, like our Project Management Professional (CAPM/PMP) Program, may require prior documentable experience or credentials.

Other higher level post-secondary and industry recognized credentials are a plus and may allow a student to receive credit against core required courses for their program of choice. To receive credit for post-secondary credentials, the credentials must have been earned through a career school licensed by the Department of Education or through an accredited post-secondary institution.







In addition, the candidate should have been using the applicable skills learned in a recent employment position or have received the credential within the last 24 months. CLEP or other competency-based exams are also available and may be required to receive full credit.

The job titles listed in the following program descriptions job positions that have traditionally required the skills being taught in each of these respective programs. Actual titles may vary and may require previous credentials or training. The prospective job titles may also be used as a guide in determining how a person's previous employment experience may be used in determining the optimal program a person may enroll in.

Pre-Requisites are provided as a general guideline.

- *Please always review with a Ve-I Career Counselor before making a final decision.*
- *If you are unsure if you qualify for a particular program, please speak with one of our Ve-I Career Counselors.*
- *An industry standard test may be administered to verify a minimum of HS equivalency in Math and English skills.*



Job Title Matching

The following sections provide high-demand representative job titles related to each program. Selections emphasize occupations and closely related market titles with strong projected growth, substantial annual openings, or sustained employer demand. This is a general aid and is not a comprehensive listing of all possible job titles. Positions are not guaranteed. Labor-market demand varies by location and employer, and employer requirements change over time. Employability depends on many factors including demonstrated skills, certifications, interviewing, presentation, prior experience, and education level.

Advanced Manufacturing Technologies

- **Industrial Engineer** — Optimizes workflows, efficiency, and production systems.
- **Manufacturing Enginee**r — Improves manufacturing processes, equipment, and output.
- **Automation Technician** — Installs and maintains automated production equipment.
- **CNC Machinist** — Programs and operates precision CNC machinery.
- **Industrial Maintenance Technician** — Keeps industrial machinery and systems operating reliably.
- **Quality Assurance Technician** — Inspects products and verifies quality standards.

Architectural Design Technologies

- **Civil Engineer** — Designs and oversees infrastructure and site projects.
- **Construction Manager** — Plans and directs construction projects and teams.
- **Architectural Designer** — Develops building layouts, concepts, and design documents.
- **BIM Coordinator** — Coordinates building models, standards, and project data.
- **Structural Designer** — Creates structural layouts and construction details.
- **Construction Project Manager** — Manages construction schedules, budgets, and project delivery.

Artificial Intelligence (AI) for the Workplace

- **Data Analyst** — Turns data into useful business insights.
- **Business Intelligence Analyst** — Builds reports and insights for business decisions.
- **Operations Research Analyst** — Uses data and models to improve complex decisions.
- **Market Research Analyst** — Studies customers, competitors, and market trends.
- **Project Management Specialist** — Coordinates schedules, resources, and project execution.
- **AI Business Analyst** — Identifies and supports practical business uses for AI.

Artificial Intelligence (AI) Technologies

- **Data Scientist** — Builds predictive models and advanced data insights.
- **Machine Learning Engineer** — Builds and deploys machine learning solutions.

- **Software Developer —** Designs, builds, and maintains software applications.
- **Data Engineer —** Builds reliable data pipelines and data platforms.
- **Information Security Analyst —** Protects systems, networks, and organizational data.
- **Computer and Information Research Scientist —** Researches advanced computing methods and technologies.

AutoCAD Design Applications Specialist

- **CAD Designer** — Creates precise 2D and 3D technical drawings.
- **Civil CAD Designer** — Produces CAD plans for civil and site projects.
- **Mechanical Designer** — Creates mechanical parts, assemblies, and drawings.
- **Architectural Drafter** — Prepares detailed architectural drawings and plans.
- **BIM Technician** — Builds and updates coordinated building information models.
- **Design Engineer** — Develops technical designs that meet product requirements.

Building & Construction Design Applications Specialist

- **Construction Manager** — Plans and directs construction projects and teams.
- **Civil Engineer** — Designs and oversees infrastructure and site projects.
- **BIM Coordinator** — Coordinates building models, standards, and project data.
- **Architectural Designer** — Develops building layouts, concepts, and design documents.
- **Construction Project Coordinator** — Supports project schedules, documents, and communication.
- **Building Systems Designer** — Designs coordinated building mechanical and utility systems.

Business Process Improvement Technologies

- **Management Analyst** — Evaluates operations and recommends business improvements.
- **Operations Research Analyst** — Uses data and models to improve complex decisions.
- **Project Management Specialist** — Coordinates schedules, resources, and project execution.
- **Industrial Engineer** — Optimizes workflows, efficiency, and production systems.
- **Operations Manager** — Oversees day-to-day operations, staff, and performance.
- **Continuous Improvement Manager** — Leads process improvement and efficiency initiatives.

Civil Design Technologies

- **Civil Engineer** — Designs and oversees infrastructure and site projects.
- **Construction Manager** — Plans and directs construction projects and teams.
- **Civil Designer** — Creates civil site, roadway, and infrastructure designs.
- **Transportation Designer** — Develops roadway and transportation design plans.
- **BIM/CAD Designer** — Creates coordinated digital models and technical drawings.
- **Construction Project Manager** — Manages construction schedules, budgets, and project delivery.

Cloud Computing Technologies

- **Cloud Engineer** — Builds, deploys, and supports cloud infrastructure.
- **Cloud Security Engineer** — Secures cloud platforms, services, and data.
- **DevOps Engineer** — Automates software delivery and infrastructure workflows.
- **Cloud Solutions Architect** — Designs scalable cloud systems and architectures.
- **Site Reliability Engineer** — Improves system reliability, performance, and uptime.
- **Cloud Systems Administrator** — Administers cloud servers, services, and user access.

Creo Mechanical Design Applications Specialist

- **Mechanical Engineer** — Designs and analyzes mechanical systems and products.
- **Mechanical Design Engineer** — Develops detailed mechanical designs and assemblies.
- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **Product Design Engineer** — Designs products from concept through production.
- **Applications Engineer** — Applies technical products to customer and business needs.
- **CAD/PLM Administrator** — Manages CAD, product data, and lifecycle systems.

Cybersecurity & Information Technology (IT)

- **Information Security Analyst** — Protects systems, networks, and organizational data.
- **Cybersecurity Engineer** — Designs and implements technical security controls.
- **Security Operations Center (SOC) Analyst** — Monitors threats and responds to security incidents.
- **Cloud Security Engineer** — Secures cloud platforms, services, and data.
- **Network Security Engineer** — Protects network infrastructure and communications.
- **Cybersecurity Consultant** — Advises organizations on cybersecurity risks and controls.

Data Analytics Applications Specialist

- **Data Analyst** — Turns data into useful business insights.
- **Business Intelligence Analyst** — Builds reports and insights for business decisions.
- **Market Research Analyst** — Studies customers, competitors, and market trends.
- **Operations Analyst** — Analyzes operations to improve cost and performance.
- **Financial Analyst** — Evaluates financial data, trends, and business performance.
- **Data Visualization Analyst** — Creates dashboards and visuals that explain data.

Data Analytics Technologies

- **Data Analyst** — Turns data into useful business insights.
- **Operations Research Analyst** — Uses data and models to improve complex decisions.
- **Business Intelligence Analyst** — Builds reports and insights for business decisions.

- **Management Analyst** — Evaluates operations and recommends business improvements.
- **Financial Analyst** — Evaluates financial data, trends, and business performance.
- **Supply Chain Analyst** — Analyzes inventory, logistics, and supply chain performance.

Data Science & Machine Learning Technologies

- **Data Scientist** — Builds predictive models and advanced data insights.
- **Machine Learning Engineer** — Builds and deploys machine learning solutions.
- **Data Engineer** — Builds reliable data pipelines and data platforms.
- **AI Engineer** — Builds and integrates artificial intelligence solutions.
- **Operations Research Analyst** — Uses data and models to improve complex decisions.
- **Computer and Information Research Scientist** — Researches advanced computing methods and technologies.

Digital Marketing and AI Technologies

- **Digital Marketing Specialist** — Plans and manages online marketing campaigns.
- **Market Research Analyst** — Studies customers, competitors, and market trends.
- **Marketing Data Analyst** — Measures campaign performance and customer behavior.
- **Marketing Automation Specialist** — Builds automated marketing and customer engagement workflows.
- **SEO Specialist** — Improves website visibility in search results.
- **E-commerce Marketing Specialist** — Drives traffic, conversions, and online sales.

Digital Marketing Applications Specialist

- **Digital Marketing Specialist** — Plans and manages online marketing campaigns.
- **Market Research Analyst** — Studies customers, competitors, and market trends.
- **SEO Specialist** — Improves website visibility in search results.
- **Paid Media Specialist** — Plans and optimizes paid digital advertising campaigns.
- **Email Marketing Specialist** — Creates and measures email marketing campaigns.
- **E-commerce Specialist** — Supports online stores, merchandising, and digital sales.

Digital Marketing & Graphic Design Technologies

- **Digital Marketing Specialist** — Plans and manages online marketing campaigns.
- **Graphic Designer** — Creates visual designs for print and digital media.
- **Web and Digital Interface Designer** — Designs user-friendly websites and digital interfaces.
- **Content Marketing Specialist** — Creates content that attracts and engages customers.
- **Brand Designer** — Develops visual identities and brand assets.
- **Social Media Marketing Specialist** — Plans social content and audience engagement.

Digital Marketing & Web Design Technologies

- **Web and Digital Interface Designer** — Designs user-friendly websites and digital interfaces.
- **Digital Marketing Specialist** — Plans and manages online marketing campaigns.
- **SEO Specialist** — Improves website visibility in search results.
- **E-commerce Specialist** — Supports online stores, merchandising, and digital sales.
- **UX/UI Designer** — Designs intuitive user experiences and interfaces.
- **Web Content Strategist** — Plans website content, structure, and messaging

Entrepreneurship and Business

- **General and Operations Manager** — Directs business operations, people, and performance.
- **Management Analyst** — Evaluates operations and recommends business improvements.
- **Sales Manager** — Leads sales teams, strategy, and revenue goals.
- **Market Research Analyst** — Studies customers, competitors, and market trends.
- **Project Management Specialist** — Coordinates schedules, resources, and project execution.
- **Business Operations Specialist** — Supports processes, reporting, and operational improvement.

Game Design and Development Technologies

- **Software Developer** — Designs, builds, and maintains software applications.
- **Game Developer** — Builds interactive game features and experiences.
- **Game Programmer** — Codes gameplay systems, tools, and mechanics.
- **Web and Digital Interface Designer** — Designs user-friendly websites and digital interfaces.
- **3D Artist/Animator** — Creates 3D models, animation, and visual assets.
- **Technical Artist** — Connects art production with game technology and tools.

GIS and Digital Cartography Technologies

- **GIS Analyst** — Uses geographic data to create maps and analysis.
- **Geospatial Analyst** — Analyzes location-based data for planning and decisions.
- **Cartographer** — Designs maps and geographic visualizations.
- **Civil Engineering Technician** — Supports civil design, testing, and project documentation.
- **Urban and Regional Planner** — Plans land use and community development.
- **Surveying and Mapping Technician** — Collects and processes land and mapping data.

Graphics Design Applications Specialist

- **Graphic Designer** — Creates visual designs for print and digital media.
- **Web and Digital Interface Designer** — Designs user-friendly websites and digital interfaces.
- **Digital Marketing Specialist** — Plans and manages online marketing campaigns.

- **Brand Designer** — Develops visual identities and brand assets.
- **Production Designer** — Prepares visual assets for production and publication.
- **Content Designer** — Creates clear visual and digital content experiences.

Graphics Design Technologies

- **Web and Digital Interface Designer** — Designs user-friendly websites and digital interfaces.
- **Graphic Designer** — Creates visual designs for print and digital media.
- **Motion Graphics Designer** — Creates animated graphics for digital media.
- **UX/UI Designer** — Designs intuitive user experiences and interfaces.
- **Digital Content Designer** — Designs visual content for digital platforms.
- **Brand Designer** — Develops visual identities and brand assets.

Healthcare Administration Technologies

- **Medical and Health Services Manager** — Manages healthcare departments, services, and operations.
- **Healthcare Operations Manager** — Oversees healthcare workflows, staff, and service delivery.
- **Health Information Technologist** — Manages electronic health information and data systems.
- **Revenue Cycle Manager** — Oversees billing, reimbursement, and revenue processes.
- **Healthcare Data Analyst** — Analyzes healthcare data for operational and clinical insights.
- **Healthcare Compliance Specialist** — Supports healthcare regulatory and compliance requirements.

Hospitality & Food Service Management

- **Food Service Manager** — Manages food service staff, operations, and quality.
- **Restaurant Manager** — Oversees restaurant staff, service, and daily operations.
- **Lodging Manager** — Manages hotel or lodging operations and guest service.
- **Meeting and Event Planner** — Plans and coordinates meetings, conferences, and events.
- **Hospitality Operations Manager** — Directs guest services and hospitality operations.
- **Sales Manager** — Leads sales teams, strategy, and revenue goals.

Human Resources (HR) Technologies

- **Human Resources Specialist** — Supports recruiting, employee relations, and HR programs.
- **Training and Development Specialist** — Designs and delivers employee training programs.
- **Human Resources Manager** — Leads HR strategy, policies, and staff operations.
- **Compensation and Benefits Specialist** — Manages pay, benefits, and employee reward programs.
- **Recruiting Specialist** — Finds, screens, and supports hiring qualified candidates.
- **HR Business Partner** — Connects workforce needs with business strategy.

Information Technology Essentials

- **Computer Network Support Specialist** — Troubleshoots networks, connectivity, and user access.
- **IT Support Specialist** — Diagnoses and resolves user technology problems.
- **Network Technician** — Installs and maintains network hardware and connections.
- **Cybersecurity Support Technician** — Supports security tools, monitoring, and user protection.
- **Cloud Support Associate** — Troubleshoots cloud services and user issues.
- **Junior Network Administrator** — Supports network accounts, devices, and service

Inventor Mechanical Design Applications Specialist

- **Mechanical Design Engineer** — Develops detailed mechanical designs and assemblies.
- **Product Design Engineer** — Designs products from concept through production.
- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **CAD Designer** — Creates precise 2D and 3D technical drawings.
- **Design Engineer** — Develops technical designs that meet product requirements.
- **Industrial Designer** — Develops product concepts, appearance, and usability.

IT Help Desk Support Technologies

- **Computer Network Support Specialist** — Troubleshoots networks, connectivity, and user access.
- **IT Support Specialist** — Diagnoses and resolves user technology problems.
- **Technical Support Specialist** — Troubleshoots technical products and customer issues.
- **Cloud Support Associate** — Troubleshoots cloud services and user issues.
- **Network Support Technician** — Maintains network devices and resolves connectivity problems.
- **Cybersecurity Support Technician** — Supports security tools, monitoring, and user protection.

Manufacturing Applications Specialist

- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **Industrial Engineer** — Optimizes workflows, efficiency, and production systems.
- **Production Manager** — Leads production schedules, staff, and output.
- **Continuous Improvement Engineer** — Improves processes using lean and quality methods.
- **Quality Engineer** — Develops systems that improve product quality and reliability.
- **Production Control Specialist** — Coordinates schedules, materials, and production flow.

Mechanical Design Technologies

- **Mechanical Design Engineer** — Develops detailed mechanical designs and assemblies.
- **Mechanical Engineer** — Designs and analyzes mechanical systems and products.
- **Product Design Engineer** — Designs products from concept through production.

- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **CAD Designer** — Creates precise 2D and 3D technical drawings.
- **Industrial Designer** — Develops product concepts, appearance, and usability.

Mechanical Engineering Technologies

- **Mechanical Engineer** — Designs and analyzes mechanical systems and products.
- **Industrial Engineer** — Optimizes workflows, efficiency, and production systems.
- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **Automation Engineer** — Designs automated equipment and control systems.
- **Robotics Engineer** — Designs and develops robotic systems and applications.
- **Applications Engineer** — Applies technical products to customer and business needs.

Mechanical Engineering Review

- **Mechanical Engineer** — Designs and analyzes mechanical systems and products.
- **Industrial Engineer** — Optimizes workflows, efficiency, and production systems.
- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **Project Engineer** — Coordinates technical project design and execution.
- **Applications Engineer** — Applies technical products to customer and business needs.
- **Engineering Manager** — Leads engineering teams, projects, and technical strategy.

Microsoft (Office) 365 Administration Technologies=

- **Cloud Administrator** — Manages cloud users, services, and configurations.
- **Microsoft 365 Administrator** — Administers Microsoft 365 services, users, and security.
- **Cloud Support Engineer** — Troubleshoots and supports cloud platforms and services.
- **Identity and Access Management Analyst** — Controls user identities, permissions, and secure access.
- **Cybersecurity Analyst** — Monitors threats, investigates incidents, and improves security.
- **IT Systems Engineer** — Designs and maintains business technology infrastructure.

Network Administration Technologies

- **Computer Network Architect** — Designs large-scale computer and communication networks.
- **Network Engineer** — Builds, configures, and maintains network infrastructure.
- **Network Security Engineer** — Protects network infrastructure and communications.
- **Cloud Network Engineer** — Designs and supports networking in cloud environments.
- **Network Support Specialist** — Troubleshoots network performance and connectivity issues.
- **Systems Engineer** — Integrates and maintains complex technology systems.

Office Administration & Support Technologies

- **Project Management Specialist** — Coordinates schedules, resources, and project execution.
- **Human Resources Specialist** — Supports recruiting, employee relations, and HR programs.
- **Training and Development Specialist** — Designs and delivers employee training programs.
- **Market Research Analyst** — Studies customers, competitors, and market trends.
- **Business Operations Specialist** — Supports processes, reporting, and operational improvement.
- **Medical Administrative Services Manager** — Manages administrative operations in healthcare settings.

Open Career Studies

- **Project Management Specialist** — Coordinates schedules, resources, and project execution.
- **Management Analyst** — Evaluates operations and recommends business improvements.
- **Market Research Analyst** — Studies customers, competitors, and market trends.
- **Human Resources Specialist** — Supports recruiting, employee relations, and HR programs.
- **Business Operations Specialist** — Supports processes, reporting, and operational improvement.
- **Data Analyst** — Turns data into useful business insights.

Production Technologies

- **Industrial Engineer** — Optimizes workflows, efficiency, and production systems.
- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **Production Manager** — Leads production schedules, staff, and output.
- **Automation Technician** — Installs and maintains automated production equipment.
- **Quality Engineer** — Develops systems that improve product quality and reliability.
- **Production Control Specialist** — Coordinates schedules, materials, and production flow.

Project Management (PMP/CAPM/PM)

- **Project Management Specialist** — Coordinates schedules, resources, and project execution.
- **Project Manager** — Plans and leads projects from start to finish.
- **Program Manager** — Coordinates multiple related projects and strategic goals.
- **Construction Project Manager** — Manages construction schedules, budgets, and project delivery.
- **Implementation Manager** — Leads rollout of new systems and solutions.
- **IT Project Manager** — Manages technology projects, teams, and delivery.

Revit Architectural Design Applications Specialist

- **BIM Coordinator** — Coordinates building models, standards, and project data.
- **Revit Designer** — Creates coordinated building models and drawings in Revit.
- **Architectural Designer** — Develops building layouts, concepts, and design documents.

- **Civil Engineer** — Designs and oversees infrastructure and site projects.
- **Construction Manager** — Plans and directs construction projects and teams.
- **MEP Designer** — Designs mechanical, electrical, and plumbing building systems.

Robotics & the Internet of Things (IoT)

- **Robotics Engineer** — Designs and develops robotic systems and applications.
- **Automation Engineer** — Designs automated equipment and control systems.
- **Software Developer** — Designs, builds, and maintains software applications.
- **IoT Engineer** — Builds connected devices, systems, and data solutions.
- **Controls Engineer** — Designs automation and industrial control systems.
- **Industrial Engineer** — Optimizes workflows, efficiency, and production systems.

SolidWorks Mechanical Design Applications Specialist

- **Mechanical Design Engineer** — Develops detailed mechanical designs and assemblies.
- **Product Design Engineer** — Designs products from concept through production.
- **Manufacturing Engineer** — Improves manufacturing processes, equipment, and output.
- **CAD Designer** — Creates precise 2D and 3D technical drawings.
- **Design Engineer** — Develops technical designs that meet product requirements.
- **Industrial Designer** — Develops product concepts, appearance, and usability.

Software Engineering Technologies

- **Software Developer** — Designs, builds, and maintains software applications.
- **Software Engineer** — Designs and develops reliable software systems.
- **DevOps Engineer** — Automates software delivery and infrastructure workflows.
- **Cloud Engineer** — Builds, deploys, and supports cloud infrastructure.
- **Software Quality Assurance Analyst** — Tests software and verifies quality before release.
- **Web Developer** — Builds and maintains websites and web applications.

Science & Technology Exploration Program (STEP)

- **Data Analyst** — Turns data into useful business insights.
- **IT Support Specialist** — Diagnoses and resolves user technology problems.
- **Manufacturing Technician** — Installs, maintains, and supports technical systems or equipment.
- **CAD Designer** — Creates precise 2D and 3D technical drawings.
- **Digital Marketing Specialist** — Plans and manages online marketing campaigns.
- **Project Coordinator** — Supports project schedules, documentation, and communication.

Windows Desktop & Server Administration Technologies

- **Cloud Systems Administrator** — Administers cloud servers, services, and user access.
- **Windows Systems Engineer** — Designs and manages Windows-based enterprise systems.
- **Network Engineer** — Builds, configures, and maintains network infrastructure.
- **Cybersecurity Analyst** — Monitors threats, investigates incidents, and improves security.
- **Identity and Access Management Analyst** — Controls user identities, permissions, and secure access.
- **IT Systems Engineer** — Designs and maintains business technology infrastructure.

CONTENT & DELIVERY METHOD

Content

Lectures & Labs *– Lectures & labs are interactive use of the actual application software. Courses may also use a combination of interactive live & simulated exercises. Labs usually follow an interactive lecture and are used to practice what was taught during the lecture and reinforce the techniques taught.*

Material Duration is 170 Days *- The maximum number of estimated course days' worth of material. Individual's pace determines the actual time.*

Attendance Window is 360 Day Max *- The maximum number of workdays a student may take to finish the assigned Certificate Program. See "Grading" for exceptions. Ve-I may grant additional extensions at its own discretion.*

Delivery

Instructor Guided Learning (IGT) *- A more flexible delivery method of receiving instruction in the form of pre-recorded lectures with a Certified Instructor present to lecture and answer questions as necessary*

Advantages:

- *A Certified Instructor is present for all courses!*
- *Instructor is available on-demand. There when you need them, out of your way when you don't!*
- *Instructional lectures and videos can be replayed at your convenience, you can learn at your own pace, easily review material, and learn through interactive, hands-on exercises.*
- *Students can access IGT from outside of the training facility*
- *In-center hours of attendance are flexible between 8:00AM to 5:00PM on weekdays (excluding holidays).*
    - *Evening hours available for select curriculums (ask for details)*
- *The same material that is used in class is available on-line 24 hours a day with hyperlinks and printable content. This allows for optional after hours and weekend study and review.*
- *Instructional lectures and videos can be replayed at your convenience, work at your own pace, easily review material, includes live interactive exercises*
- *Option to work remotely and allow instructors to share, view or control their workstation session to help with their exercises, just like they were sitting next to them.*
- *There is no penalty to take more time to "really" learn the materials.*
- *No minimum requirements for attendees, easy makeup days*
- *Training can be customized at the individual level!*
- *Everyone can work at their own pace!*

New software versions, upgrades and rebranding may change course names and update content therefore all course content and material is subject to change. Students will benefit from this by receiving the latest published content on the date of enrollment.

KEY FACULTY

Visible Edge Institute Faculty & Staff

For over 25 years, Visible Edge Institute (Ve-I) has provided high-quality educational services to our customers. Since beginning our training services, we have consistently ranked among the top Certified Training Centers in North America. A key part of that success is the experience, expertise, and dedication of our faculty and staff.

Below are some of the professionals who support our students, programs, and partners.

Leadership

Mark Harwood
Founder, Principal, President, Sr. Mechanical Engineer & Career Counselor
Bachelor of Science in Mechanical Engineering – University of Massachusetts Lowell (formerly University of Lowell) | Seasoned IT Professional | Programmer | Business Owner

Greg Hamel
Vice President of Student Services, PTC Certified Sr. Instructor, Sr. Mechanical Engineer & Career Counselor
Bachelor of Science in Interdisciplinary Studies (Mechanical Engineering, Mathematics, Physics, Computer Science) – Ellis University | Boothroyd Dewhurst Design for Manufacturing & Assembly (DFMA) | Interact to Improve (ItoI) Root Cause Analysis Team Facilitator | Certified SolidWorks Associate

Client Services

Alyvia Petrozza
Client Services Manager
Bachelor of Arts in English, double minor in Philosophy & Psychology – University of Massachusetts Amherst | Member of Chi Alpha Sigma | Member of Phi Beta Kappa honor society

Anna Gricci
Career Counselor, Recruiter & B2B Account Manager

Bojana Catovic
Client Services Manager
7+ years of experience in client management

Information Technology

Josh Widener
IT Operations Manager
Bachelor's Degree in Business Administration – Plymouth State University | CompTIA A+ | CompTIA Network+ | CompTIA Security+ | CompTIA IT Operations Specialist (CIOS) | Microsoft AZ-900

Tristan LeSaux
Information Technology Support Specialist
4+ years of experience in the IT field | CompTIA+ Certified

Nick Smith
Data Solutions Architect
Microsoft Certified Power Platform Functional Consultant Associate (PL-200) | Power Platform Fundamentals (PL-900) | PCEP Certified Python Programmer

Scott Gordon
Data Programming
Bachelor's in Computer Programming/Programmer – University of Phoenix | Credly Certified

Professional Instructors

Amanda Hange
Director of Instructional Quality & Professional Instructor – Project Management, Lean Management, Leadership, Process Improvement, Business Operations, Entrepreneurship & Artificial Intelligence Integration
Associate of Science in Business Administration – Hesser College | Business Administration Degree Program – Mount Washington College

Cameron Harper
PTC Certified Instructor, Certified SolidWorks Professional & Sr. Mechanical Engineer
Bachelor of Science in Mechanical Engineering – University of Florida, Gainesville, Florida | Associate of Arts Degree – Lake-Sumter Community College, Leesburg, Florida

Elmer Ramirez
Instructor – Cloud Computing Technologies, Cybersecurity & Information Technology, Data Science & Machine Learning Technologies, IT Essentials, IT Help Desk Support Technologies, Microsoft (Office) 365 Administration Technologies, Network Administration Technologies, Software Engineering Technologies & Windows Desktop & Server Administration Technologies
Bachelor of Applied Sciences (BASc) in Computer Science – Fitchburg State University | Master of Business Administration (MBA) in Entrepreneurship / Entrepreneurial Studies – Isenberg School of Management, UMass Amherst | CompTIA A+ | Cloud | Security Programs

Kalli Seabrooke
Instructor – Graphic Design Technologies, Graphic Design Applications Specialist & Game Design and Development Technologies
Bachelor of Game Art & Development Technologies – Southern New Hampshire University, Manchester, New Hampshire | Associate of Arts Degree – Great Bay Community College, Portsmouth, New Hampshire

Jacob Cammett
Instructor – Digital Marketing & Graphic Design, Digital Marketing & Web Design, Digital Marketing Applications Specialist & Digital Marketing and AI Technologies
Bachelor of Fine Arts in Digital Marketing and Graphic Design (BFA) – Colby-Sawyer College, New London, New Hampshire

Jenette Kinziger
Instructor – Human Resources, Office Administration, Healthcare Administration, Hospitality & Food Services
Master of Business Administration, concentration in Human Resource Management – Southern New Hampshire University | Bachelor of Science in General Management, concentrations in Human Resource Management and Expository Writing – Plymouth State University | SHRM-CP

Peter Donovan
Instructor – Data Analytics Technologies, GIS & Digital Cartography Technologies
Bachelor of Science in Management – University of Massachusetts Boston

Tessa DiNardo
Instructor – Artificial Intelligence for the Workplace
Bachelor of Arts in Communications, minor in Management – Keene State College

Office & Administrative Staff

Dez Adams
Sales Administration & Support
10+ years of experience in administration | Associate's in Hospitality & Tourism Management – NHTI

Janelle Levesque
Sales Administrator
20+ years of Customer Service, Administrative & Operations Experience | 5+ years of Project Management Experience | Project Management Professional Certified – Visible Edge Institute

Juneyry Severino
Administrative Assistant
3+ years of experience in administration

Human Resources, Staffing & Employer Relations

Brandon Hoyer
Human Resource Manager & Recruiter
Bachelor of Science in International Business, concentration in Marketing – Northeastern University | Post-Graduate Program/Staffing | PHR

Sheila Redmond
Human Resource Manager
Bachelor of Arts in Communications, concentration in Film and Video – University of New Hampshire, Manchester | SHRM-CP

Ryanne Tessier-Meehan

Business Development & Employer Relations Manager

20+ years of experience in Leadership | Operations | Hospitality

OWNERSHIP

Visible Edge Computing, Inc. is proud to be a privately-owned institution. We are owned and operated by degreed engineers with backgrounds in Mechanical Engineering, Systems Engineering, Software Engineering, Manufacturing Engineering, Program Management, Information Technology, and over 75 years combined industry experience.

Mark Harwood

Founder & President

Bachelor of Science in Mechanical Engineering – University of Lowell (UMASS), Lowell, MA

Mark was accepted at the University of Lowell (now UMASS Lowell) in 1982 after completing 4 years of college preparatory studies at Bishop Guertin High School in Nashua, NH. While in school studying Mechanical Engineering, Mark worked several jobs that augmented his engineering lessons with pertinent real-world experiences including hi-tech electro-mechanical manufacturing production and working in an aluminum foundry performing duties that ranged from creating sand cores, heat treating parts, finishing & machining casting operations.

Mark founded Visible Edge in 1989 building custom computers for local companies as a side operation while working at AGFA Compugraphics as an engineer. After implementing manufacturing's first CAD system by day and honing his IT/hardware skills in the evenings, Mark then accepted a position with Badger Engineers (Raytheon Engineers and Constructors – Shaw Power).

At Badger, Mark earned the responsibility of building a seamless CAD environment from 13 existing CAD systems to over 180 CAD systems that supported a 650-million-dollar petro-chemical plant project for Mobil Oil. After hours Mark trained Badger Piping and Structural Engineers on the use of Bentley Systems Microstation 3D CAD software.

In 1993, Mark was presented with an opportunity to be a Systems Manager at BTU International, a leading supplier of thermal processing systems to the electronics industry. He reported to the CFO and worked closely with the President to understand the company's business goals. One of Marks many charters were to choose an industry leading CAD system that would not only satisfy the needs of BTU then but re-define the way they would do business in the future with their customers and suppliers. The outcome of this initiative resulted in Mark implementing one of the first and largest Pro/ENGINEER CAD installations running on the new Windows NT Operating System in North America for PTC (Parametric Technology Corporation). Mark fully supported all IT and MCAD efforts. This is where Mark realized the overwhelming strengths of Pro/ENGINEER (AKA Creo) over other CAD systems, and it is where the relationship began between PTC and Visible Edge. Mark built and supported a network of over 150 Windows NT users & over 24 Pro/ENGINEER users.

With his strong understanding of the semiconductor market and successful track record at BTU, Mark was drafted by another company, Kokusai Semiconductor, a division of Hitachi, to duplicate the efforts he put forth at BTU. For the next two years, before engaging Visible Edge as a full-time Corporation, Mark built, implemented, and supported all PC's, UNIX & NT Workstations and Servers at Kokusai. As their IT Manager, he also introduced and supported Pro/ENGINEER into the company.

Today, Mark & company have grown Visible Edge Computing, Inc. into a full-service engineering & design solutions provider with over 650 New England based companies on its customer list. This active customer base is what actively guides the training programs we offer to our students. This guidance keeps us focused on our target of employing you, our students.

Greg Hamel

Owner & VP of Education Services

Bachelor of Science in Interdisciplinary Studies:

(Mechanical Engineering, Mathematics, Physics, Computer Science) – Ellis University Boothroyd Dewhurst Design for Manufacturing & Assembly (DFMA)
Interact to Improve (ItoI) Root Cause Analysis Team Facilitator
PTC Certified Instructor, CAD, PDM/PLM, Mathcad
Certified SolidWorks Associate (CSWA)

Greg was accepted at the University of Lowell (now UMASS Lowell) in 1980. Greg completed his freshman year with a 3.5 GPA but left after a summer job assembling and testing desktop printers at Integral Data Systems (later becoming Dataproducts), in Milford, NH became a career starting job as a technician in the manufacturing engineering department. He was responsible for process design, process instruction, troubleshooting and testing, material review and disposition, and statistical process quality control for several multi-station progressive assembly lines. During his five years at IDS/Dataproducts, Greg took advantage of their tuition reimbursement program and resumed his studies at UMass Lowell in parallel to his career. He quickly rose to the position of Advanced Manufacturing Engineer working concurrent design with the new product design and development engineering group.

In 1987, Greg left this position to become Manufacturing Engineering Manager of a small team of Manufacturing Engineers at Daymarc (later becoming Delta Design) – designers, developers, and manufacturers of robotic IC handling test equipment. There he developed and instituted innovative, progressive assembly, test, and statistical process quality control methods and procedures. Increasing overall production efficiency 30-fold.

In the midst of this, Greg transferred his credits at UML to Ellis University to create a Systems Engineering degree to facilitate his rise to Program Manager and eventually dual role; adding division Director of Engineering to that responsibility by 2002.

Prior to joining Visible Edge, Greg was self-taught in SolidWorks 2010 for his own business endeavors, earning his CSWA in 2010. In his time at Visible Edge, Greg has earned 30+ course certifications for MCAD, Data Management, and Mathcad Courses.

In addition to instructing, Greg also participates regularly on customer design projects as lead Sr. Mechanical Engineer and Project Manager. Greg's extensive experience in the trenches has been an extremely valuable skill set when aiding customers with their CAD implementations.

FACILITY

As part of the former Nashua Manufacturing Company (circa 1823 – 1951), a proud landmark in Nashua's history, the Millyard Technology Park stands as a symbol of quality and perseverance. Ve-I® is proud to be part of that history by continuing to provide the highest quality education and services to the engineering and design community. Our facility uses state-of-the-art computer hardware in an atmosphere with history and character.



Building Features

Students can recharge during breaks in the on-site cafeteria or by taking a walk outside along the Nashua River. Internally a $15M renovation and constant improvements provide one of the best learning environments available anywhere. The decor is polished hardwood, refurbished bricks, and exposed beams. Everything conveys an atmosphere that is authentically New England... rich in enterprise and craftsmanship.



Cafeteria

A full-service cafe is available from 7:00 AM to 1:30 PM. The Café offers a full range of choices from cold to hot meals. Guests have access to a large screen TV, pool tables, and other leisure activities to enjoy during breaks.



Grounds



Our campus is located on beautiful grounds, with picnic tables along the river, a boat ramp, easy access to miles of Mines Falls jogging trails and to downtown Nashua. The building has scenic views overlooking the Nashua River that is frequently visited by wildlife including deer, fox, beavers, red tailed hawks and bald eagles.











Location

Our location is easily accessible from the highway and has acres of free parking. Ve-I is only 20 minutes from Manchester-Boston Regional Airport and about an hour from Logan airport. Massachusetts residents will enjoy the easy commute in the opposite direction of the morning rush. See next page for directions and map.

DIRECTIONS

GPS – 38 Technology Way, Nashua, NH 03060

Users of older GPS units may want to key in 38 Pine St. Ext. for the former street address



Route 3 North into Nashua:

1. Take Exit 6, bear right at end of ramp, go through 2 sets of lights then bear right onto Broad Street Parkway.
2. At the end of the Parkway take right at stop light and immediate right into the Technology Park.

Route 3 South into Nashua:

1. Take Exit 6, bear left at end of ramp, go through 3 sets of lights then bear right onto Broad Street Parkway.
2. At the end of the Parkway take right at stop light and immediate right into the Technology Park.

Once Off Parkway

1. Proceed to the main entrance at the back of the building.
2. Visible Edge is on the 3rd Floor West (right) Wing. Training Center rooms are halfway down the hall on the left. The Business Office is across the hall on the right.



To Visible Edge™ from NH Route 111 West:

1. From Rt. 111 in Hudson cross the bridge (over Merrimack River) into Nashua
2. Bear right at lights, at the end of the bridge onto Canal St. to Main St.
3. Left onto Main Street.
4. Right onto Water St.
5. Right onto Factory St.
6. Left onto Chestnut St.
7. Right onto Central St.
8. At next light, take right onto Pine St
9. At stop light, take left and quick right onto Technology Way (do NOT get onto Broad Street Parkway).

ADMISSIONS PROCEDURES

Ve-I has continuous Open Enrollment. Ve-I does not follow traditional quarterly, semester or term schedules which means students can start any time after the admission procedures are completed. Admission to Ve-I is open to all applicants who are qualified according to the admissions standards of respective programs, and applicants will not be barred from admission because of race, age, sex, handicap, religion, or national origin. The facilities and services of Ve-I will be available to all enrolled students (except when restricted by judicial action).

Procedures

An application for admission may be obtained from the Admissions Office on the Ve-I website. The application should be mailed to: Admissions Office, Ve-I, 38 Technology Way, The Millyard Technology Park, Nashua, NH 03060 or e-mailed to admissions@visible-edge.com.

Once applications are received, the applicant will be informed of any additional information or procedures necessary for acceptance to Ve-I. These procedures may include a personal interview, letters of reference, a resume, and pre-admission assessment. It is the responsibility of the applicant to ensure that all documents requested by Ve-I are received. All documents submitted to Ve-I become the property of Ve-I and will not be returned or sent to other organizations.

General Admissions Requirements

1. High school diploma or possess a General Equivalency Diploma (GED) or its satisfactory equivalent. Applicants will need proof of completion of English and Math.

a. Visible Edge Institute may consider applicants who do not possess a high school diploma, GED, or satisfactory equivalent under an Ability-to-Benefit (ATB) admission process. Prior to acceptance, the Institute will evaluate whether the applicant possesses the foundational skills, experience, and ability necessary to successfully benefit from the selected training program. This determination may include an admissions interview, review of prior education and work experience, and an appropriate skills or admissions assessment.

2. File an official Ve-I application form (no application fee required), and complete a personal interview with a school representative, if required. If reapplication is necessary either for a new program or for a new academic year, the applicant must submit a new application (no application fee required).
3. When requested, present recommendations from a high school and/or employers. The recommendations should reflect character, personality, special abilities, and general qualifications for study.
4. Submit official transcripts of all previous college work. Grades of courses transferred are not included in the GPA (Grade Point Average) or CGPA, if applicable. Credits earned at another institution may be added to the total credits accumulated for graduation, if applicable. A written record of previous education and training of the Veteran or eligible person which clearly indicates that appropriate credit has been given by the school for previous education and training, with the training period shortened proportionately, will be entered in their school records.
5. Apprise Ve-I of eligibility for Veterans Administration and other sources of financial assistance.

6. Application Deadline: Visible Edge Institute offers rolling enrollments for all programs, with new students able to begin training each Monday throughout the year. This rolling-start structure provides students with flexibility to begin their selected program without waiting for a traditional semester or fixed enrollment period.

Enrollment Limitations

Current enrollment limitations are 120 students per program with student-teacher ratio not to exceed 120:1. Each program is supported by multiple instructors.

Notice of Non-Discrimination

Ve-I does not discriminate in the administration of its admissions and educational programs, activities, or employment practices on the basis of race, color, religion, national origin, age, sex, handicap, veteran status, sexual orientation, or marital status. This statement is a reflection of the mission of the Post-Secondary Education Commission of New Hampshire and Ve-I and refers to, but is not limited to, the provisions of the following laws: Title VI and VII of the Civil Rights Act of 1964, The Age Discrimination Act of 1967, Title IX of the Education Amendment of 1972, Section 504 of the Rehabilitation Act of 1973, The Americans with Disabilities Act of 1990, Section 402 of the Vietnam Era Readjustment Assistance Act of 1974, and the NH Law Against Discrimination (RSA 354-A).

Inquiries regarding discrimination may be directed to Mark Harwood, Ve-I (603) 595-1422, acting Director of Human Resources for Visible Edge Computing, Inc.

Inquiries may also be directed to the Office for Civil Rights, Boston Office, US Department of Education, 33 Arch Street, Suite 900, Boston, MA 02110 Tel: (617) 289-0222, FAX: (617) 289-0150, TDD (617) 223-9695, e-mail OCRBoston@ed.gov; the Equal Employment Commission, John F. Kennedy Federal Building, Government Center, 4th Floor, Room 475, Boston, MA 02203, (617) 565-3200, TTY (617) 565-3204. To be automatically connected with the nearest EEOC field office, call 1-800-669-6820, TTY 1-800-669-6820; and/or the New Hampshire Commission for Human Rights, 2 Chennell Drive, Concord, NH 03301, 1-(603) 271-2767. You may also reach the NH Department of Education at 1-(603)-271-8508.

EXPENSES

Tuition

No prepayment is required from any student receiving funding through a government grant including, but not limited to, GI Bill or any Veterans Administration funding source, WIOA, Trade Adjustment Act or any other State or Federally funded grant program. Grant recipients (students) will not be billed by Visible Edge Institute. The applicable State or Federal entity will be billed directly.

For private pay students, tuition is due prior to the start of the program. Failure to make payment in full or arrangements for payment will result in the cancellation of the student's registration. If tuition is paid in installments, it must be paid in full 10 days prior to the beginning of final exams/projects or two weeks prior to the end of the program, whichever is applicable.

Program pricing is as follows

- Base Certificate Program price is $4,000* (~200 hours including labs and projects)
- Electives can be added or subtracted at $20.00 per course hour** with no additional cost for lab or project time

**Scholarships and/or Federal & State Grants may be available to offset Tuition costs. Ve-I is WIOA/Section 30/Trade Act Eligible!*

***Certification exam costs, if applicable, are also bundled into the course cost in addition to the course hour cost.*

All Program prices include the following (this list includes all items required to successfully complete all programs):

- Tuition
- eLearning subscription
- Laboratory fees
- Initial testing fees (retakes at cost)
- Student activities (such as employer site visits)
- Use of internal computer workstations
- Service charges and any required deposits

In addition, Ve-I may make other items available for an additional fee, similar to other school stores, such as:

- Additional reference and workbooks
- Supplies such as storage media, 3D printer materials
- Additional software products
- Tools such as measuring devices
- Rentals of computer equipment for home use

Monthly Payment Plan

In an effort to assist students with tuition charges, Ve-I offers a monthly payment plan. The plan allows students to fulfill their financial obligation to Ve-I by automatic electronic processing of installment payments**.** More information can be obtained from the Business Office.

Delinquent Account Collection Process

The following collection clause will be listed in all forms requiring the student's signature:

"I understand by registering for courses and/or programs at Ve-I, I am financially obligated for ALL costs related to the registered course(s) and/or programs. Upon a drop or withdrawal, I understand that I will be responsible for all charges as noted in the student catalog and handbook. I further understand that if I do not make payment in full, my account may be reported to the credit bureau and/or turned over to an outside collection agency. I also understand that I will be responsible for the costs of the outside collection agency, any legal fees, and any bounced check fees under RSA 6:11, which will add significant costs to my account balance."

Refund/Grievance Policy

State Specific Requirements

Iowa

For students subject to Iowa requirements, the following refund provisions apply in accordance with Iowa Code § 714.23. Where these requirements differ from the Institute's standard refund policy, Iowa requirements will apply.

- Within the First Two Calendar Weeks: Students who withdraw within the first two calendar weeks of instruction will receive a full refund of tuition charges.
- After the First Two Calendar Weeks: Students who withdraw after the first two calendar weeks, but before completing 60% of the school period, will receive a pro rata tuition refund of at least 95% of tuition charged, multiplied by the ratio of calendar days remaining to total calendar days in the school period.
- After 60% Completion: No tuition refund is required once a student has completed 60% or more of the school period.
- Special Circumstances: Students who withdraw after the first two calendar weeks due to physical incapacity, or due to a spouse's employment transfer to another city when classroom instruction is required, will receive a pro rata tuition refund based on 100% of tuition charged and the ratio of remaining calendar days to total calendar days in the school period.
- Refund Processing: Refunds will be issued within 45 days following the Institute's determination that the student has withdrawn.

Massachusetts

Students who withdraw or are terminated from the program will receive refunds in accordance with **Massachusetts General Law Chapter 255, Section 13K**.

Wisconsin

For students subject to Wisconsin requirements, the following cancellation and refund provisions apply in addition to, and where different from, the Institute's standard cancellation and refund policy.

Three-Business-Day Cancellation: A student may cancel enrollment within three business days following execution of the enrollment agreement. A student who exercises this cancellation privilege will receive a full refund of all tuition and fees paid. The full refund will be issued within 10 business days of the cancellation.

Withdrawal or Dismissal Following the Cancellation Period: Following expiration of the three-business-day cancellation period, refunds for Wisconsin students will be calculated in accordance with Wis. Admin. Code § SPS 408.05. A student who withdraws or is dismissed before completing 60% of the applicable enrollment period is eligible for a partial refund based on the percentage of instructional units remaining in the enrollment period, rounded down to the nearest 10%.
After 60% of the applicable enrollment period has been completed, no refund is required under the Wisconsin partial-refund provision.

Any refund due following a student's withdrawal or dismissal under Wis. Admin. Code § SPS 408.05 will be issued within 40 days after the student's dismissal or the Institute's receipt of notification of withdrawal.
Where these Wisconsin-specific requirements differ from the Institute's standard refund policy, the Wisconsin requirements will apply to students subject to Wisconsin regulations.

Refunds will be calculated as follows:

Time of Withdrawal	Refund Amount
Before program begins	100% refund of tuition and fees
During the first **quarter**[1] of the program	75% of tuition refunded
During the second quarter of the program	50% of tuition refunded
During the third quarter of the program	25% of tuition refunded
After completion of three quarters	No refund

The school may retain a reasonable administrative fee not to exceed $50 or 5% of tuition, whichever is less.

Materials and Supplies

- Books, equipment, supplies, and materials that have been issued to the student and not returned in new condition are non-refundable.
- Any refundable materials must be returned within 10 days of withdrawal.
- Software subscriptions are non-refundable.

Determination of Withdrawal Date

The student's withdrawal date will be determined by the earliest of the following:

- The date the student notifies the school of withdrawal.
- The last date the student attended classes.
- The date the school determines the student has ceased attendance.

School Cancellation

If the school cancels a program or course prior to the program start date, the student will receive a full refund of all tuition and fees paid.

If a program is cancelled after it begins, the school will either

- Provide a pro-rated refund, or
- Provide the student the opportunity to complete the program at a later date.

Refund Processing

Refunds will be issued within 30 days of the student's withdrawal or termination date.

VA Students

Pro Rata Refund (38 CFR 21.4254(c)(13), 21.455). We will refund the unused portion of prepaid tuition and fees on a pro rata basis. The exact proration will be determined by the ratio of the number of days of instruction completed by the student to the total number of instructional days in the course. Any amount in excess of $10.00 for an enrollment fee or registration fee will also be prorated.

If you have issues that were not resolved by our Instructor and/or Director, you may contact the NH Department of Education, Division of Educator Support and Higher Education, Office of Career School Licensing, 101 Pleasant Street, Concord, NH 03301 or (603) 271-644

Repeat Courses

If applicable, only the most recent grade for a course that has been repeated will count towards a student's final grade. Therefore, grades from prior attempts will be excluded from the student's final grade. However, all attempts, including the most current, will be included in the calculation for the completion rate and maximum timeframe components.

Incompletes

All incompletes must be resolved within 30 days following the end of the "Program Window". If not, the student will receive an "F" for the missing work and be ineligible to receive the Certificate. After this period, the student may re-enroll in the program and pay a fee equivalent to the course days missed times the daily rate for the particular program.

Tuition Payment Guarantee

Where an employer, the VA, or other agency is guaranteeing both tuition and fees, such guarantee must be in writing and signed by an authorized representative of the company or agency.

ACADEMIC REQUIREMENTS AND POLICIES

Certificate

Certificate programs emphasize specific skills and outcomes required for employment or for career advancement. Students must possess a High School Diploma or equivalent at a minimum to enroll in a Certificate Program. Some programs require additional technical experience. Students earning a certificate must have obtained a passing grade in each required core course. Courses and programs are not designed as academic degree programs, and training completed at Visible Edge Institute is not intended to represent college-level academic credit toward an associate, bachelor's, or other degree. Acceptance of any training or coursework by another institution is solely at the discretion of the receiving institution. We do however incorporate Industry Recognized Credentials (IRC's) and/or Globally Recognized Credentials (GRC's) into all our training programs resulting in proof of measurable, marketable skills gained for those passing the Certification Exams.

Progress & Attendance Policy

Class attendance is considered essential to the academic success of students. It is expected that students will attend a minimum number of hours for each program in which they are enrolled. The actual number of hours per week will be based on labs, exams and final projects for each program. Ve-I offers both In-Center Learning and Distance Learning options. Some programs may require minimum in-center attendance as defined below.

For VA students:

Satisfactory Progress

You must make satisfactory progress toward completion of the program in which you are enrolled to continue receiving veterans' benefits. Satisfactory progress is the ongoing demonstration that you are completing training at a rate that will allow you to graduate with the approved length of the program. Progress will be monitored by your instructors and will be verified by the school's VA Certifying Official.

The VA will only pay for standard hours in the approved program of study. In order for you to complete your training within the standard time, your progress must be measured at a level in keeping with school policy. If your progress is not satisfactory in any school measured portion of the program, you will be notified to such and placed on probation for 30 days, at which time your progress will again be evaluated. If satisfactory improvement is not made by the end of this probationary period, your benefits will be terminated. (They may, however, be able to continue your training in accordance with school policy.) Note: Once you have completed the standard hours in this program, your benefits will cease. This is true regardless of your remaining educational benefit entitlement. To use the remaining entitlement, you would have to enroll in a new program.

Attendance

Good attendance is critical to successful completion of the program. You must maintain at least a 90% attendance rate to continue receiving VA benefits. If you miss more than 10% of your time in a given period or term, you will be placed on

probation for the following period/term. If you miss more than 10% during the probationary period, your VA educational benefits will be terminated.

You may be re-certified for VA educational benefits after consulting with the school's VA Certifying Official, once the cause for unsatisfactory progress has been removed, attendance becomes satisfactory, and it is determined that the program is suitable for your aptitude, interests, and abilities. Official school holidays or breaks are not considered days of absence, but tardiness or class-cuts may accumulate to constitute 10% in accordance with school policy.

Leaves of Absence

Students receiving VA educational benefits may take a school approved Leave of Absence, but this will interrupt VA educational benefits during the leave. The leave of absence will be reported to the VA as a termination. When you return from the leave, the school may again certify you for VA educational benefits, giving you credit for all hours completed prior to the leave.

Program Completion

Your VA educational benefits expire on the earliest of either the date you reach the total hours approved for your program, or on the date you complete or terminate your enrollment in the program. When you complete your program, please notify the school's VA Certifying Official as soon as possible so that the VA can be informed within 30 days.

For Wisconsin Students:

Leave of Absence

Visible Edge Institute considers requests for a Leave of Absence on a case-by-case basis. Students requesting a leave will meet with appropriate Institute staff to review the circumstances, training status, and any relevant individual considerations. Approval, conditions for return, and the duration of the leave are determined based on the student's unique circumstances and applicable program or funding requirements. Because each situation may differ, there is no single standard leave duration; any approved timeframe will be established as part of the individual review.

Tardiness Definition

Visible Edge Institute does not use a traditional tardiness standard based on a fixed daily class start or end time. Students are required to complete a minimum of 25 hours of scheduled training activity each week, or a higher weekly minimum when required by an applicable state, funding agency, or other governing requirement. Students remain responsible for completing assigned coursework within established course and program timeframes; the flexible daily attendance structure does not make the program self-paced. Attendance and progress are monitored through student-reported progress, weekly timesheet reporting, course completion expectations, and instructor oversight. Students who fall below required hours or established progress expectations are addressed through the Institute's progressive disciplinary process. Continued attendance or progress deficiencies may result in escalating intervention and, when unresolved, termination from the program.

In-Center Learning Options:

In general, our flexible training schedules allow for short periods of leave, absences, class cuts, tardiness, unscheduled breaks, early dismissals and interruptions for unsatisfactory attendance. Regardless of the reason for an interruption, all work must be made up before the scheduled program end date, including labs, assessments, projects, and exams.

Attendance will be tracked and enforced by an LMS system, system logins, sign-in sheets and/or instructor records. For classes delivered via traditional Instructor Led Training (ILT), attendance at the scheduled times will be mandatory, whether in-center or remote. While attendance may be excused, all class work required for ILT classes must be completed regardless of attendance. Makeup classes will be at the discretion of Ve-I.

Distance Learning Options:

Ve-I recognizes that the rapid advancement of communication technology has now enabled students to fulfill many course requirements remotely with online live interaction with our instructors. Ve-I supports using the most cost-effective means of delivering educational services provided the quality of the educational experience is not compromised, therefore all final projects and certification testing, at a minimum, must be performed in-center, at a Ve-I designated testing center, or via remote proctor using a live video feed, to be determined at the discretion of Ve-I.

The instructor of each program has discretion for any additional minimum attendance requirements for each individual student and will be based on how the student is progressing with the scheduled course material and the results of individual course assessments. In the case of a dispute, the minimum attendance requirements will default to full-time in-center.

If there are existing circumstances that restrict a student's ability to attend class full time, they must be brought to the attention of Ve-I during the enrollment process or they may not be considered a satisfactory excuse for reduced or lack of attendance. Unsatisfactory attendance may result in the dismissal from the program or in a denial of an extension.

If a student fails to complete the requirements during the program window, and an extension is denied, the student will receive a grade of "AF" and will not receive the associated certificate, diploma or other acknowledgment of successful program completion.

Please note, students entering our programs through Employers, Career Centers, Unemployment Offices, Training Grant Programs or other federally funded organizations may have different attendance requirements. The attendance requirements of said organizations will take final precedence.

Student Conduct and Discipline

A student's continued enrollment at Ve-I is dependent upon his/her academic progress and behavior. The awarding of academic credits and recognition and the conferring of degrees, diplomas, certificates, and awards are subject to the academic and judicial authorities of Ve-I. A student's attendance may be terminated, and he/she may, following due process, be dismissed from Ve-I at any time and on any grounds deemed advisable by the Administration.

Student conduct, both on and off campus, of a nature which would reflect discredit on the student and/or on Ve-I, may result in disciplinary action by Ve-I. Persons are subject to the laws of the State regardless of their student status and are subject to Ve-I discipline when Ve-I's interests as an academic community are distinctly and clearly involved.

The judicial process will be the responsibility of the Director of Student Services. The Director may take administrative disciplinary action when it is deemed necessary to ensure the safety of students, faculty, or staff and/ or the continuation of the educational process. The final judicial authority of Ve-I is vested in the President. Additional details may be found in the Student Handbook.

Transcripts

Ve-I keeps records of student attendance, course work completed, and certifications attained where applicable. Transcripts of a student's records will be furnished upon written request. The first two copies are free. A fee of $3.00 will be charged for each additional copy. A faxed copy will cost an additional $5.00 per transcript.

Student Records

Ve-I keeps student records in a locked file cabinet within our admissions office and/or in electronic format on a secure server. These records include but are not limited to daily attendance sheets, transcripts, certifications, certificates of completion, certifications, disciplinary records, training plans, Gannt charts, resumes, application forms and other student related records. Visible Edge Institute maintains student records indefinitely to ensure continued availability of academic and training documentation. Records may include attendance records, transcripts, certifications, certificates of completion, disciplinary records, training plans, application materials, and other student-related documentation. Records are maintained in secure physical and/or electronic storage in accordance with the Institute's recordkeeping practices.

Transfer of Credit

Students may be admitted to programs with advanced standing if they have successfully completed appropriate courses at another institution. Courses successfully completed prior to admission will be considered for transfer but may still require testing to ensure the knowledge is current. A considerable amount of the material we teach is time sensitive so the completion of a similar course in the past may not be a reflection of the skills required to meet current requirements. This is especially true of software-based programs.

It is the responsibility of students to furnish the following: (1) official transcript, certificate, diploma, or other record of satisfactory completion and (2) copy of the course description(s). The VP of Student Services or designee will evaluate each program specific course and grade. The VP of Student Services determines if the credits should transfer and if so, whether a competency test is required.

Academic Standards and Grading

The main mission of any career school is to prepare the student for immediate gainful employment. The standards and requirements of each employer vary based on many factors such as the industry the company is in, the markets they service, the complexity of their products and their associated life cycles. Unfortunately, traditional grading systems are not a true measure of a student's capabilities as an "A" student at one institution may be a "C" student at another institution. With that in mind Ve-I grants Ve-I Certificates on a Pass/Fail basis augmented with one or more of the following program dependent options:

- **An industry recognized certification** where applicable (i.e. CSWA, CSWP, CEMP, PMP, etc.). These certifications demonstrate that the student has gained a level of proficiency that can be measured consistently across the industry they are in regardless of what school they went to.
- **A personal portfolio of completed work** that the student can present to the prospective employer. This portfolio has a wide variety of material that the students successfully created. This allows the employer to see the work completed that is important to them.

Minimum progress standards to pass the certificate program are based on a combination of testing and projects described below. Students failing the following will be designated as not meeting satisfactory progress. Failure to meet satisfactory progress will result in either Academic Probation or Academic Suspension.

Testing

Application specific testing given to the student electronically or in written form where applicable. Tests may be graded as Pass/Fail or as a percentage based on correctly answered questions. The minimum passing percentage grade is 70%. The results of these tests are usually conveyed to the student in real time or in less than a 48-hour period. These results are used, at a minimum, to determine if the student is ready to proceed to the next subject/course. Pass/Fail is based in part

on these course assessments. Students must be present for final exams either in-center, at a Ve-I designated testing center, or via remote proctor using a live video feed, to be determined at the sole discretion of Ve-I.

Projects

Projects may be presented to the student to practice use of the application software and reinforce the techniques taught during both lectures and lab exercises. Projects are given to the students to test how well they can apply the program material to a real-world work scenario. A final project will be graded based on instructor's pre-determined criteria. Students will be expected to be able to reproduce any and all project work done offsite, in front of the instructor or even a prospective employer. Students must be able to reproduce all or portions of a final project that has been done remotely. Demonstration can take place either in-center, at a Ve-I designated testing center, or via remote proctor using a live video feed, to be determined at the sole discretion of Ve-I.

Academic Probation Definition:

A warning which indicates the student may not be on track to graduate due to poor academic performance. The student may remain in the program, but their academic progress will be monitored. Students who do not meet the criteria above will be placed on Academic Suspension. If a student fails to qualify for a certificate by the end of the program window a one-time 30-day program extension may be granted. Additional fees may apply.

Academic Suspension Definition:

Suspension may be from the program or the institution and is usually for one program cycle. The suspended student may reapply for admission to the program after one program cycle. The program cycle is the length of the program the student originally enrolled in.

Remediation:

Ve-I will, at its discretion, continue to work with a student who is failing to meet satisfactory progress, provided they are making a positive concerted effort to learn the required subject matter. Ve-I may, at its sole discretion, offer an extension of the original enrollment period, additional training materials and/or additional instructors to aid the student to make satisfactory progress.

In the case of students receiving a grant from an outside agency, the granting agency will be notified of unsatisfactory progress as soon as Ve-I deems the student is unlikely to make satisfactory academic progress or is likely to require an enrollment extension to do so. At that time the granting agency may decide if an extension is warranted or if the student should be put on Academic Probation or Academic Suspension. In all cases, Ve-I may, at its sole discretion, elect to place the student on Academic Probation or Academic Suspension.

Re-instatement:

A student who has been placed on Academic Probation or Academic Suspension must demonstrate that the original issue that was keeping the student from making satisfactory academic progress has been rectified. The decision to re-instate is

at the sole discretion of Ve-I. Additional details may be found in the Student Handbook under “Appeals Process & Re-Instatement”.

Academic Graduation Requirements: Students must pass all designated core courses to receive a certificate and graduate. Project & Lab work must also be completed fully to receive a Visible Edge Institute Certificate. Electives taken but not passed will not be included on the final Certificate.

Withdrawal and Readmission

Students who find it necessary to withdraw from Ve-I should first notify their instructor or faculty advisor and then obtain a withdrawal form from the Registrar’s Office. The student will circulate the withdrawal form to the indicated Ve-I offices and return to the Registrar. Failure to officially withdraw or return Ve-I property may result in a student’s records being noted: “Withdrawn-Not-in-Good-Standing.”

An official withdrawal from Ve-I after the last date to drop a course shall be considered effective the first day of the following program cycle for academic reasons, and the student will be held academically accountable for the entire program cycle. A final grade will be issued as though the student has completed the entire program cycle. Students who have officially withdrawn from Ve-I in good standing may apply for readmission.

Visible Edge Institute evaluates student appeals and requests for readmission on a case-by-case basis. The review generally includes a meeting with the students’ Career Services Manager (CSM) and instructor and, when appropriate, may include additional management review. Decisions are based on the circumstances that resulted in the student’s dismissal or separation and may consider factors including academic progress, attendance, conduct, behavior, participation, and the student’s ability and commitment to successfully resume training. Because circumstances vary, the conditions or requirements for reinstatement may differ by student. Students who previously separated from the Institute may be considered for readmission when the circumstances support a successful return to training.

Graduation Requirements

As a general rule a student must, at a minimum, comply with the Attendance Policy, Student Conduct and Discipline guidelines set forth in this catalog. Grading and standards requirements must be met based on the section in this document titled “Academic Standards & Grading”. Industry specific certifications included in each program the student chooses to take as part of their program must be attained.

STUDENT SERVICES

Fully aware that the value of the learning experience for each student is greatly affected by personal problems, needs and interests, the administration and faculty of Ve-I regard student services as an integral part of the total educational program. A conscientious effort is made to know students as individuals and to serve them accordingly.

The Student Handbook describes specifically the student related policies and programs at the Institute. Students are expected to be informed about the policies published in this catalog and in the Student Handbook as well as subsequent policies and information that may be published or posted during the school year. Policies of Ve-I may, and often do, change since Ve-I must maintain flexibility to serve its students. It is the responsibility of the student to read and understand Ve-I policies.

Counseling Service

Counselors are available to assist students at Ve-I to achieve their maximum potential. Services are available for academic, vocational, and career counseling concerns.

Food Services

Ve-I cafeteria offers a variety of hot and cold snack and lunch options. Hours of operation are posted. Additionally, vending machines are available for beverages and snacks.

Graduate Placement

Ve-I is sensitive to the career counseling needs of students. Ve-I provides personalized career counseling services. Students are assisted in their search for employment through notification of employment opportunities, access to skill building seminars such as resume writing and job search strategies, as well as opportunities for on campus interviews with business representatives. Visible Edge Institute also offers full-service placement services to aid students gain employment pre- and post-graduation.

Visible Edge Institute provides employment and career-support services to assist students with their transition into the workforce; however, completion of a program does not guarantee employment or placement. Employment outcomes depend on numerous factors outside the Institute's control, including employer requirements, labor-market conditions, geographic location, the student's prior experience and education, demonstrated skills and certifications, interviewing and presentation, and individual participation in the job-search process.

Visible Edge Institute may assist students by identifying employment opportunities, providing job-search guidance, supporting resume and interview preparation, and sharing relevant employment information. Referral of a student to a prospective employer does not represent a guarantee that an employer has a current opening or that the student will receive an interview or offer of employment.

Students are encouraged to maintain an active, independent job search in addition to utilizing employment opportunities and resources provided by the Institute.

Academic Support Center

Computer Lab –Students may use our computers to work on their assignments.

Workshops – Workshops on a variety of subjects are held during the course of each program cycle.

Student Complaints and Concerns

Visible Edge Institute accepts student complaints and concerns throughout a student's enrollment and through multiple communication channels. Students may raise concerns directly with their instructor, Career Services Manager (CSM), appropriate department head, or management, depending on the nature or severity of the concern. Issues may be escalated to higher levels of management when appropriate. Students are also provided with an opportunity to submit feedback, concerns, or complaints through the Program Evaluation completed at the conclusion of their training. Complaints are reviewed and addressed by the appropriate staff or management level based on the circumstances involved.

State Specific

Wisconsin

Educational Approval Program – Student Complaints

Wisconsin students are encouraged to first attempt to resolve complaints directly with Visible Edge Institute through the complaint procedures described above. If a complaint is not satisfactorily resolved through the Institute, the student may contact or file a complaint with the Wisconsin Department of Safety and Professional Services, Educational Approval Program (EAP).

Educational Approval Program (EAP)

Department of Safety and Professional Services

P.O. Box 8935

Madison, WI 53708-8935

Phone: (608) 266-2112, ext. 4

Email: DSPSEAP@wisconsin.gov

Website: Wisconsin Educational Approval Program – Department of Safety and Professional Services

STUDENT CALENDAR

2026 Program Rolling Trimester Schedule

Jan-June Start Dates	Jan- June End Dates	July – December Start Dates	July-December End Dates
1/5/2026	5/8/2026	7/6/2026	11/6/2026
1/12/2026	5/15/2026	7/13/2026	11/13/2026
1/19/2026	5/22/2026	7/20/2026	11/20/2026
1/26/2026	5/29/2026	7/27/2026	11/27/2026
2/2/2026	6/5/2026	8/3/2026	12/4/2026
2/9/2026	6/12/2026	8/10/2026	12/11/2026
2/16/2026	6/19/2026	8/17/2026	12/18/2026
2/23/2026	6/26/2026	8/24/2026	12/25/2026
3/2/2026	7/3/2026	8/31/2026	1/1/2027
3/9/2026	7/10/2026	9/7/2026	1/8/2027
3/16/2026	7/17/2026	9/14/2026	1/15/2027
3/23/2026	7/24/2026	9/21/2026	1/22/2027
3/30/2026	7/31/2026	9/28/2026	1/29/2027
4/6/2026	8/7/2026	10/5/2026	2/5/2027
4/13/2026	8/14/2026	10/12/2026	2/12/2027
4/20/2026	8/21/2026	10/19/2026	2/19/2027
4/27/2026	8/28/2026	10/26/2026	2/26/2027
5/4/2026	9/4/2026	11/2/2026	3/5/2027
5/11/2026	9/11/2026	11/9/2026	3/12/2027
5/18/2026	9/18/2026	11/16/2026	3/19/2027
5/25/2026	9/25/2026	11/23/2026	3/26/2027
6/1/2026	10/2/2026	11/30/2026	4/2/2027
6/8/2026	10/9/2026	12/7/2026	4/9/2027
6/15/2026	10/16/2026	12/14/2026	4/16/2027
6/22/2026	10/23/2026	12/21/2026	4/23/2027
6/29/2026	10/30/2026	12/28/2026	4/30/2027

- All Programs start every Monday and finish an average of 4 months from the start date.
- Actual length will depend on program chosen, electives selected and any approved extensions.
- Students who wish to start on a scheduled holiday will be onboarded the day before the holiday or on the Friday before if the holiday falls on a Monday.
- Students have full access to all course materials and lectures 365 days/year.

2026 Holidays

January 1st	New Year's Day	– Closed
January 19th	Martin Luther King's Birthday	– Closed
February 16th	President's Day Holiday	– Open
May 25th	Memorial Day	– Closed
July 3rd	Independence Day Holiday	– Closed
September 7th	Labor Day Holiday	– Closed
October 12th	Columbus Day	– Open
November 11th	Veteran's Day Holiday	– Closed
November 26th	Thanksgiving Holiday	– Closed
November 27th	Thanksgiving Holiday	– Closed
December 25th	Christmas Day (celebrated)	– Closed

COSTS

Individual Course Tuition

Duration	Costs
Per Hour	$75
Per Day	$600
Per Week	$3,000

- *Includes Course & Labs (No Project Work).*
- *Includes all items to complete the course*
- *Hourly rate for courses less than 8 hours.*
- *Daily rate based on 8 hours/day of course time.*
- *Weekly rate is based on 40 hours/week of course time.*
- *Courses listed in Ve-I programs may be available to be purchased individually.*

Program Tuition

All programs are customizable to the student's current background, skills, existing credentials and career goals. The total tuition will be based on the core courses required, plus elective chosen, minus applicable credit for prior credentials including but not limited to the same core courses taken at accredited institutions, licensed career schools and through military training.

Duration	Costs
Per Hour	$20
Per Day	N/A
Per Week	$500
Capstones	$6,000/80 hrs.

- *Includes all required Course, Lab, Project Work + eLearning Subscription*
- *Can be scaled up to any price point based on # of Elective hours chosen*
- *Not all programs are available at this price point*
- *May include an elective Capstone Project and required materials*
- *Additional customization available*
- *Electives can be added or deleted @$20.^{00}/Course Hour*
- *Actual individual course costs are listed in the Addendum*
- *Cost of Industry/Globally Recognized Certification Exams may be bundled into the course in addition to per hour costs or they may be listed as a separate line item.*

Sample Program Costs

Program Hours	Weeks	Costs
200	8	**$4,000**
300	12	**$6,000**
500	20	**$10,000**
650	26	**$13,000**
+Capstone	3+	**+$6,000**

Weeks Total

- *values are based on 25 hours/week of course work*
- *may be increased/decreased by adjusting weekly commitment hours*
- *weekly commitment adjustments will not affect calculated costs for the courses*

Minimum Program length of 200 hours to get the bundled program discount

Schedule of Fees

The following are additional charges for required items needed for the assigned coursework, if applicable.

A $0 fee means the item is included in the course cost and available for the duration of the course.

- Books (hardcopy, if required) – $0
- Digital Media Subscriptions – $0
- Software Subscriptions – $0
- Supplies – $0
- Tools – $0
- Laboratory fees – $0
- Certification Exams – $0 for the first take.

  The prices for industry recognized certification exams are listed individually on each student's training plan. If a student fails the exam, they may elect to retake the exam at their expense, at the cost listed on their training plan.

- Rentals – $0 (Computer loaners secured with a credit card)
- Student activities – $0
- Service charges – Not Applicable
- Deposits – Not Applicable
- All other charges – Not Applicable

Program Curriculum Summary

The following programs are currently available through Ve-I

Information Technology & Cybersecurity

- Cloud Computing Technologies
- Cybersecurity & Information Technology (IT)
- Information Technology Essentials
- IT Help Desk Support Technologies
- Microsoft (Office) 365 Administration Technologies
- Network Administration Technologies
- Windows Desktop & Server Administration Technologies

Data Analytics, Data Science, GIS, & Software

- Artificial Intelligence (AI) Technologies
- Artificial Intelligence (AI) for the Workplace
- Data Analytics Applications Specialist
- Data Analytics Technologies
- Data Science & Machine Learning Technologies
- GIS and Digital Cartography Technologies
- Software Engineering Technologies

Management & Office Administration

- Business Process Improvement Technologies
- Entrepreneurship & Business Technologies
- Healthcare Administration Technologies
- Hospitality & Food Service Management
- Human Resources (HR) Technologies
- Office Administration & Support Technologies
- Project Management (PMP/CAPM/PM)

Exploratory Programs

- Open Career Studies (Undeclared)
- Science & Technology Exploration Program (STEP)

Marketing & Graphic Design

- Digital Marketing and AI Technologies
- Digital Marketing Applications Specialist
- Digital Marketing & Web Design Technologies
- Digital Marketing & Graphics Design
- Game Design and Development Technologies
- Graphic Design Applications Specialist
- Graphic Design Technologies

Mechanical & Architectural

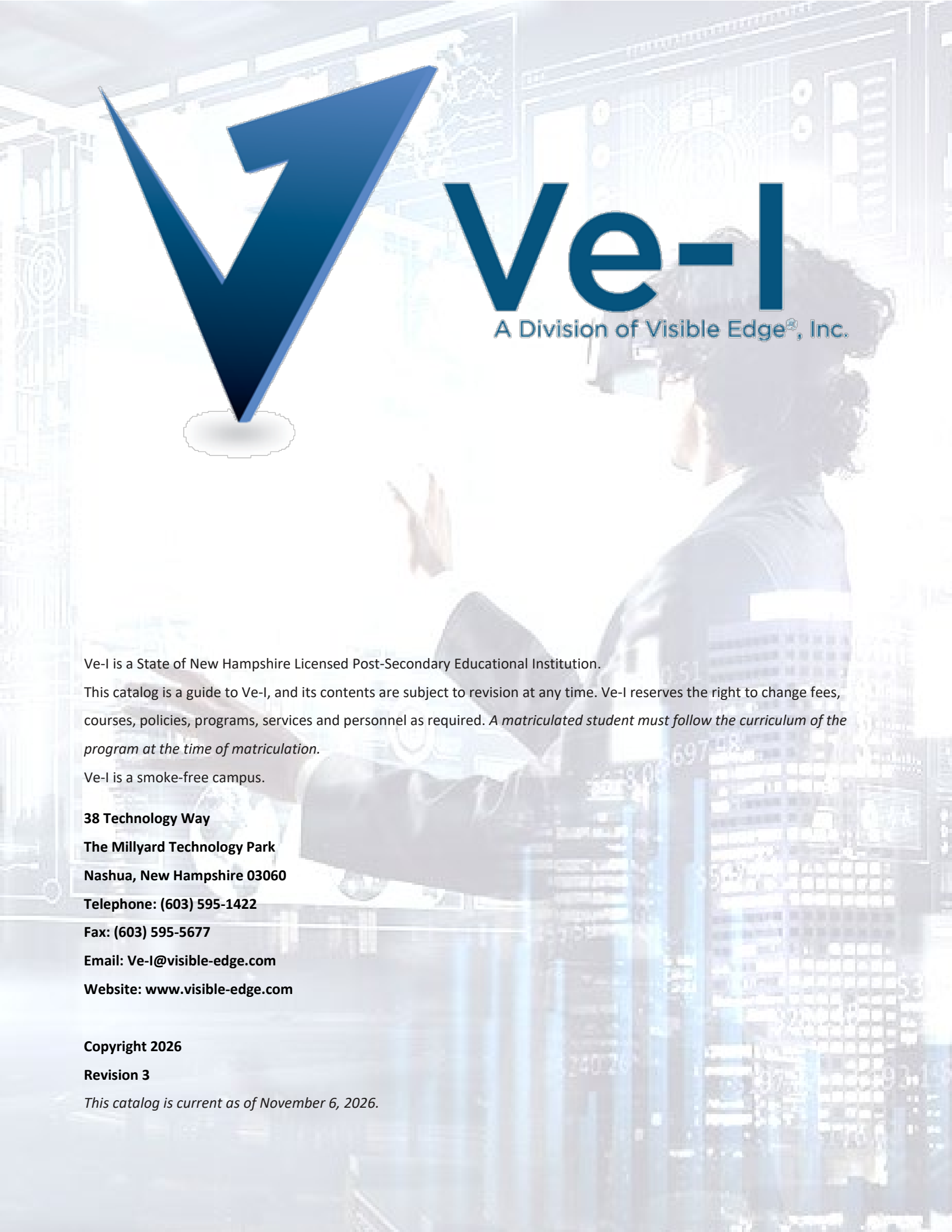
- AutoCAD Design Applications Specialist
- Creo Mechanical Design Applications Specialist
- Inventor Mechanical Design Applications Specialist
- Mechanical Design Technologies
- Mechanical Engineering Review
- Mechanical Engineering Technologies
- SolidWorks Mechanical Design Applications Specialist

Building & Construction

- Architectural Design Technologies
- Building & Construction Design Applications Specialist
- Civil Design Technologies
- Revit Architectural Design Applications Specialist

Robotics, Manufacturing, and Production

- Advanced Manufacturing Technologies
- Manufacturing Applications Specialist
- Production Technologies
- Robotics & the Internet of Things (IoT)



Ve-I

A Division of Visible Edge®, Inc.

Ve-I is a State of New Hampshire Licensed Post-Secondary Educational Institution.

This catalog is a guide to Ve-I, and its contents are subject to revision at any time. Ve-I reserves the right to change fees, courses, policies, programs, services and personnel as required. *A matriculated student must follow the curriculum of the program at the time of matriculation.*

Ve-I is a smoke-free campus.

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ADDENDUM

Course Listings by Program

Individualized Curriculum and Course Selection

Visible Edge Institute programs are individually developed for each student based on the student's selected program, prior education and training, existing skills, career objectives, certification goals, and identified training needs. As a result, individual course selections may vary from student to student within the same program. The Addendum identifies the courses and training options available within each program; however, not every listed course is required or assigned to every student. Each student's specific curriculum, including assigned courses, subjects, training hours, and sequencing, is documented in the student's individualized training plan prior to or during enrollment, as applicable.