

VERMONT TECH

CONTINUING EDUCATION & WORKFORCE DEVELOPMENT

Vermont Tech offers a unique learning experience in Vermont: focused, hands-on, applied learning taught by faculty who are experts in their field. The Office of Continuing Education and Workforce Development (CEWD) brings this style of education to a wide range of professions and professionals.


CEWD designs and delivers workforce education and training, including customized workshops, courses that lead to certifications, degree programs, and more. We serve healthcare facilities, state agencies, nonprofits, small businesses, manufacturers, service industries, educators, municipal government, builders and contractors, as well as those interested in gaining new life skills, a pathway to a degree or industry recognized credentials.

NON-CREDIT BEARING


We have over [100 online](#) 3- 6 week courses on a variety of topics as well

GREEN/TRADES


BPI PROFESSIONAL CERTIFICATE TRAINING Building Performance Institute (BPI) certifications demonstrate a level of knowledge and expertise that potential clients look for and can help you land new work. In addition, many federal, state, and utility initiatives require BPI certifications for contractor participation in energy efficiency projects. Vermont Tech offers three BPI certification trainings: Building

Analyst, Envelope Professional, and Heating. Cost - \$2650.00 two weeks 


SOLAR PV Installer This five-day introductory course will prepare you to work at an entry-level position in the solar industry and will provide you with the knowledge to take the North American Board of Energy Practitioners (NABCEP) PV Entry Level Exam. The 40-hour program combines lecture and


discussion, in-class and out-of-class exercises, and hands-on activities. Cost - \$900.00 one week 


INTRODUCTION TO GIS/GPS In this two-day training, participants will gain an understanding of fundamental geospatial concepts which they will then apply by learning how to use online mapping applications, consumer-grade GPS receivers, and QGIS open source GIS software. QGIS will be used to explore and display geospatial data, to create new geospatial data, to perform simple geospatial analysis, and to compose basic maps appropriate for printing or publishing. Participants will develop a mapping question or project that they will explore and build on throughout the training. qualifies for 6 VT DEC

non-soil credits – Cost - \$450.00 one week 


INTRODUCTION TO ARCGIS With this three-day training, participants will learn how to use ESRI's ArcGIS 10.0 software to explore and display geospatial data, to create new geospatial data and include it in their map projects, to perform geospatial analyses, to find and acquire free and public GIS data, and to compose basic maps appropriate for printing or publishing. Participants will develop a mapping question or project that they will explore and build on throughout the course. Qualifies for 9 VT DEC non-soil


credits. Cost - \$300.00 2 days 


Fundamentals of Crew Leadership – Construction – NCCER- This module will teach the skills needed to be an effective leader, including the ability to communicate effectively, provide direction to a crew and effectively plan and schedule the work of a crew. Cost - \$1000.00 2 months 

Project Supervision – Construction – NCCER - Project Supervision is a comprehensive, competency based program that gives both veteran and new field managers a step-by-step approach to honing their natural abilities, developing essential skills, and generally improving their performance as leaders. As a one-level curriculum, Project Supervision covers topics such as Human Relations and Problem Solving, Safety, and Quality Control. Cost - \$3800.00 2- 3 months 

WELDING Earn your AWS certification D1.1 in MIG welding. Five weekends (alternating, two weekends per month starting in September) will provide eighty hours of training and practice to prepare for the AWS exam, which will be given on the Saturday following the five-weekend course. All personal protective equipment will be provided except for MANDATORY leather boots and long-sleeved, naturalfiber clothing (cotton, wool, or leather). The American Welding Society announced 372,000 open welding jobs nationwide in the early part of 2017. That number is expected to reach 450,000 by 2025. Cost- \$2500.00 2 months

The HVACR Controls / Building Automation Systems Program is an advanced program that will build on your knowledge of HVACR fundamentals and equipment. You will work your way through the program taking one course at a time in a systematic progression that will lay a good foundation. This program will cover commercial HVAC systems and the specific technologies of controls systems. Cost - \$3695.00 – Online 12 months 

HVACR Technician - NATE Service Core - A program covering the CORE knowledge areas of HVACR and preparing a student to take the North American Technician Excellence (NATE) Core Certification Exam. The NATE Core Certification provides the basics for entry-level and early career technicians and is a stepping stone to becoming a HVACR Certified Technician. The Core exam covers the foundational areas of safety, tools, basic construction, using basic science, achieving desired conditions, taking temperature and humidity measurements, and basic electrical. COST - \$1995.00 – Online 12 months 

Quality Inspector - The Quality Inspector program provides an intensive overview of skills necessary for quality assurance and inspection, including math, inspection, safety, materials, quality, and management. Cost - \$1995.00- Online 100 hours 

AutoCAD Certified User In this online program, participants will master basic and advanced design skills, as you gain hands-on practice in using the 2D tools in AutoCAD 2015. After gaining mastery in using basic tools and participants advance to explore efficiency tools, complex objects, use of external participants learn all of the skills needed to prepare for the Autodesk AutoCAD 2015 Certified Professional and User exams. Upon successful completion of your program, participants receive a paid voucher to take the Autodesk AutoCAD 2015 Certified User exam free of charge. Cost - \$1995.00- Online 3-6 months


Home Inspection Certificate - The Home Inspection Online Training Program covers the principal components of home inspection procedures and processes. Participants learn how to create a home inspection report that will detail the home's condition, including the heating and cooling systems, the plumbing and electrical systems, the roof and siding, and the framing and foundation. Cost - \$2295.00 Online 12 months


Certified SOLIDWORKS Associate (CSWA) upon completion of the program, students will demonstrate their expertise with SOLIDWORKS 3D solid modeling software, design concepts, and sustainable design and will be prepared to sit for the exam. Cost - \$1000.00 3 months


Certified Quality Engineer In this course, you will learn the standard fundamentals and competencies of quality engineering, including development and operation of quality control systems, applications of testing and inspection procedures, and administering management information systems. Additionally, this course will cover human factors and motivation, quality cost concepts, metrology, and statistical methods of diagnosis and correction. It will also prepare for the Certified Quality Engineer (CQE) certification. This course also includes a voucher which covers the fee of the exam. Cost- \$1695- Online 6 months


Certified Indoor Air Quality Manger In this Certified Indoor Air Quality Manager Online Training and Certification course, you'll learn how to diagnose, resolve, and prevent indoor air quality (IAQ) complaints. You'll also establish a comprehensive IAQ plan specific to your buildings. Not only will this course teach you how to improve your building's indoor air, it will also prepare you for third-party certification by the American Council for Accredited Certification (ACAC). You'll learn about all the pertinent topics covered on the certification exam. You can even take a 100-question practice examination to prepare for certification. Cost - \$795- Online 16 hours


HEALTHCARE

Phlebotomy - The 45-hour Phlebotomy training program provides a combination of lecture, lab, clinical observation and hands-on practical experience aimed at developing the skills needed to work in an entrylevel position in medical facilities as a phlebotomist (blood drawing). The primary goal is to instill the latest information on blood collection techniques, skills and equipment for a safe and effective specimen collection, thus enhancing customer service and promoting patient care. Cost - \$650.00 12 weeks 


CCA Medical Billing and Coding will prepare participants for an entry-level career within the healthcare industry. Participants learn current medical coding standards, to help you accurately track patient accounts and find gainful employment within this growing workforce sector. This program is designed to help participants successfully prepare for the Certified Coding Associate (CCA) exam, offered by the American Health Information Management Association (AHIMA). The registration fee for this exam is included with this program. Cost -\$2695.00 – Online 12 months 


CBCS Medical Billing and Coding is an ideal program for students new to a medical career. If seeking entry into the healthcare industry, this comprehensive program will provide participants with all of the information needed to earn a certification in medical billing and coding. Participants will build a foundation of medical vocabulary, to help better understand the contents of a patient's medical record, as well as notes from practicing physicians. In addition, participants learn current medical coding standards, so you can be successful within the industry. Upon completion of this program, participants will be prepared to sit for the Certified Billing and Coding Specialist (CBCS) exam, offered by National Healthcareer Association (NHA). The registration fee for this exam is included with this program. Cost - \$2695.00 – Online 12 months 


Certified Clinical Medical Assistant (test voucher included) - Clinical medical assistants are versatile and valuable members of the healthcare team who can handle a broad range of duties, including reception, telephone, scheduling, accounts receivable, data entry, vital signs, patient history, oral and parenteral medications, phlebotomy, assisting with exams, patient education, minor office procedures, ECGs, and laboratory testing. The greatest value of a medical assistant is in helping physicians optimize their office flow, which allows for more patients to be seen. Cost - \$2495.00- Online 12 months 

Certified Electronic Health Records Specialist (CEHRS) In this program, participants learn the ins and outs of electronic health records (EHR) systems, along with the many benefits they offer medical practices. Participants get hands-on practice using real EHR software as you prepare to take the National Healthcareer Association's (NHA) CEHRS certification exam. Cost -\$1795.00-Online 6 months 


Medical Terminology – Typically, a prerequisite for most healthcare positions, the Medical Terminology Online Training Program will teach you to understand not only medical terms themselves, but also their application. Participants start by learning the origins of medical words and how to recognize prefixes and suffixes used in medical terminology. Then participants learn about the body as a whole and how to differentiate cells, tissues, organs, systems, and cavities. Next, participants learn to define and describe the function of each system of the human body. Cost - \$795.00- Online 3 months

Optician Certification Training In this online program, participants gain the skills and knowledge needed to obtain an entry-level job as an optician while preparing to achieve American Board of Opticianry (ABO) certification—a certification that's required by many states and is a stepping stone to career advancement. Participants will master the mathematical formulas that opticians need to know, discover how to read prescriptions for glasses and contact lenses, explore the basics of eyewear styles and materials, become familiar with the equipment opticians use, learn about prisms and lens types, and gain an understanding of eye anatomy and eye diseases. Upon completion of this program, participants will be fully prepared to begin a career as an optician—and have the skills and knowledge needed to advance in this medical field. Cost - \$1895.00- Online 6 months 


EKG Technician Program This Program prepares students to perform EKG's. This course will include information on anatomy and physiology of the heart, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, electrocardiography and stress testing. Cost - \$1,299- online 12 months 

Dialysis Technician Program This Dialysis Technician Program provides students with the knowledge needed to perform as a dialysis technician. This program will review kidney dialysis machines, preparing dialyzer reprocessing and delivery systems, and review equipment maintenance. Cost - \$1,299 - online 12 months 


Clinical Dental Assistant and Externship


Students learn about every aspect of professional dental assisting, including invaluable real-world perspectives from experienced dental assistants and essential information about anatomy and physiology, preventive dentistry, patient care and communication, radiology, pharmacology, anesthesia, assisting in specialty practices, employment strategies, and much more. Cost -\$1,995 – online 6 months 

EMT

At successful completion of the course, the student will be capable of performing the following functions at an entry level: Recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care. Administer appropriate emergency medical care based on assessment findings of the patient's condition. Lift, move, position and otherwise handle the patient to minimize discomfort and prevent further injury. Perform safely and effectively the expectations of the job description. Cost - \$1500 – HYBRID 6 months 

LNA

This training prepares students to step into an exciting career as a nurse assistant. Upon completion the student will be eligible to take the Vermont Board of Nursing exam to obtain a LNA license. Cost - \$1600 – online 6 months 

NASM National Academy of Sports Medicine Certified Personal Trainer -The NASM Certified Personal Trainer and Exam Preparation is a unique online training program that prepares for the NASM CPT exam. The NASM CPT certification is one of the most respected and in-demand certifications in the health and fitness industry. Cost - \$1295.00 – Online 6 months 

Diversified Agriculture

Meat Cutting This training will cover all of the basics of whole-animal butchery with both instruction and hands-on demonstration. Participants will learn how to break down beef, pork, chicken, and lamb into primals, subprimals, and case-ready cuts. Value added processing, such as sausage, smoked hams, and bacon will also be covered. The training will place an emphasis on food safety, sourcing, and maintaining high utilization of whole animals. Cost - \$1000.00 2 weeks

Day 1: Introduction, Knife Skills and Chicken Breakdown

Day 2: Lamb Breakdown and Value Added Processing

Day 3: Beef Forequarter Breakdown and Value Added Processing

Day 4: Beef Hindquarter Breakdown and Value Added Processing


Day 5: Pig Breakdown, Value Added Processing, and Wrap Up

Game of Logging Based on the internationally accepted “Game of Logging” (GOL) developed by Soren Eriksson, our professional instructors teach timber harvesters, forest landowners, public workers, college students, and forestry tech school students the latest and safest techniques to operate/maintain their chainsaws, to directionally fell trees under a variety of circumstances, and to process wood products under compression/tension situations. Whether you have never used a chainsaw or have thirty years’ experience in the woods, GOL training is designed to develop safe working skills through demonstration and one-on-one, hands-on practice. GOL training is the industry standard for chain saw safety training and has been adopted by several state and federal agencies, as well as, organizations such as the Student Conservation Association, Technical Career Schools, Energy Companies, Federal/State Agencies, Municipal Services, Forest Landowner Associations, and much more. The standard program consists of four levels, each level making up an 8-hour day. All levels must be taken consecutively. Class size is limited to a maximum of 10 students per instructor. Cost - \$150 per day – 2 weeks


Craft Distilling - Vermont is one of the leaders in the nationwide boom in craft distilling. This training brings students into direct contact with a variety of processes involved in building, operating, and working in the distilling industry. Lectures, demonstrations, and hands-on experience at distilleries introduce students to distilling, still design, fermentation, distillery economics, and basic business and marketing skills. An emphasis is placed on scratch distillation of high quality spirits from local ingredients. The training also touches on such details as licensing, permits, environmental concerns, safety, and quality control. Cost - \$1200 one week


Information Technology

CISSP Certified Information Systems Security Professional (CISSP) -The CISSP credential is globally recognized, and typically considered to be the gold standard for information (cyber) security certification. Through this program, you will learn the key concepts associated with a Certified Information Systems Security Professional. This includes topic related to: security and risk management, asset security, security engineering, communications and network security, identity and access management, security assessment and testing, security operations, and software development security. In addition, the program will also help prepare you for the CISSP certification exam. The CISSP Certification Training program is an engaging, fully online program that provides in-depth instruction in keys areas related to information/cyber security. Designed by industry professionals, this program provides approximately 150 hours of instruction. You will experience a wide range of learning activities, including streaming video lectures, multiple assignments and hands-on lab exercises, guided readings, and multiple assessments.


Along the way, you will have access to a team of well-qualified individuals for assistance, questions about the materials, and guidance through the program. Cost - \$1995.00 –online 6 months 

CCNA security Cisco Certified Network Associate Security (CCNA Security) - Cisco certifications have grown rapidly in popularity over the last 5 years – mainly driven by the emergence of Cisco dominating the IT hardware market. IT security has follow-up a similar trend, showing job growth of over 35% over the last 7 years. With both Cisco and IT Security on the rise, having the CCNA security certification provides you with a considerable amount of marketability for a variety of IT Security positions. You will become proficient in the associate-level knowledge and skills required to secure Cisco networks as well as maintain these complex infrastructures. Upon completion of the program, you will receive a voucher to take the Cisco 210-260 IINS certifying exam. In this program you will learn core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that Cisco uses in its security structure. Topics for the program include Secure Access, Cisco ASA, Firewalls, IPS/IDS, VPNs and


Secure Routing and Switch. Cost - \$1695.00- online 12 months 

CRISC Certified in Risk and Information Systems Control (CRISC) The Certified in Risk and Information Systems Control (CRISC) training program enables you to design, implement, monitor, and maintain IS controls for enterprises. It covers topics such as risk identification, assessment, response, and control monitoring. It also includes the four most important domains prescribed by ISACA and awards the requisite 20 CPEs required for CRISC certification examination. Real-life projects and simulation exams help you prepare for the CRISC Certification exam. Cost - \$695.00 – Online 6 months 

CCBA Certification of Capability in Business Analysis™ (CCBA®) The CCBA® training program is designed to ensure that you pass the Certification of Competency in Business Analysis exam on your first attempt. CCBA® is a globally recognized credential offered by IIBA to professionals who pass the

CCBA® exam. Based on the BABOK® Guide Version 3, the certification course is a formal recognition of a business analysis practitioner's expertise. A certification in CCBA® will attest to your expertise and knowledge in the practices and principles of business analysis. Cost - \$495.00 – Online 

CompTIA™ Network+ Certification Training - This program will prepare you for a career as a network technician and qualify you to take the CompTIA™ Network+ certification exam (N10-006). CompTIA's Network+ certification is vendor-neutral and will give you the skills you need to manage, maintain, troubleshoot, install, and configure basic network infrastructure. You'll master basic networking concepts and gain a fundamental knowledge of network design, security, cloud computing, forensics, advanced IP addressing concepts, and routing and switching. Upon successful completion of this program, you will receive an exam voucher for N10-006 at no additional cost. Cost - \$1495.00 - Online

OMCP® Digital Analytics and Conversion Professional - In this course you will develop a conversion optimization framework, as well as create segmented web data in order to make business decisions based on numbers. This program will further your marketing career as an analytics and conversion focused digital marketer. Throughout the program, you will have access to multiple live workshops and forums that will allow you to interact with faculty and other students online. This program will prepare you for the OMCP® certification exam. You will receive your voucher for this exam upon successful completion of the program. Cost - \$1995.00 – Online 

OMCA Web Analytics Associate Digital marketers are in high demand in the job market, and the need for trained and experienced marketers is constantly expanding. Being able to implement multi-channel analytics can bring powerfully positive impacts to any marketing effort and make you stand out in the digital landscape. In this course, you'll learn how to leverage competitive intelligence to analyze, provide context for, and increase observed marketing successes. Upon completion, you will receive an exam voucher to take the Online Marketing Certified Associate (OMCA®) exam. Cost- \$1595 – online 6 months

OMCA Social Media Associate In this course, you will learn how to build social marketing campaigns from start to finish. You'll master the different opportunities available, recognize when to use the different channels, and the best way to reach people on the go. By the time you complete this course, you'll be fully prepared to begin a career as a social media marketing focused digital marketer. You will have access to multiple disciplines, live workshops, and forums to interact with faculty and students. Upon completion of your course, you'll receive an exam voucher to take the Online Marketing Certified Associate (OMCA®) exam. Cost - \$1595 – online 6 months

BUSINESS

SHRM Learning System for SHRM-CP/SHRM-SCP - The SHRM Learning System is intended to cover the SHRM Body of Competence and Knowledge (SHRM BoCK) tested in the SHRM-CP and SHRMSCP certification exams. Designed to fit every learning style, the SHRM Learning System allows busy HR professionals who want to pursue their certification, the freedom to decide when, where and how to study. Cost - \$1395.00 6 weeks

The Complete Project Manager with CAPM® and PMP® Prep online training program provides you with a thorough understanding of project management by combining the Essentials of Project Management with Mastering Project Management programs together. In the Essentials of Project Management portion,

you will gain a solid foundation of project management concepts and learn important terminology. This program is essential for anyone wanting a comprehensive training in project management. This program is based on Project Management Institute's *A Guide to the Project Management Body of Knowledge (PMBOK® Guide)*. This program presents material sequentially as it will likely occur in actual projects. You'll gain a thorough understanding of how to apply project management concepts, in addition to any specific variations between them. Key and critical topics are explored in depth as they are appropriate for a more intermediate and advanced level understanding. You will learn about project selection, developing project strategies, creating a schedule model, statusing and forecasting, project recovery, and more. This program meets or exceeds the educational requirements for those interested in the Project Management Professional PMP and CAPM certifications. Cost - \$1995.00- Online 6-12 months

PMI-PgMP® Certification Training - The PgMP® training program is designed to ensure that you pass the PgMP® exam on your first attempt. The PgMP® training helps you improve your efficiency as program manager, and enables you to advance the strategic goals of your organization. Upon course completion, you will be able to demonstrate your proficiency in effectively managing multiple, related projects and aligning program activities with business goals. Cost - \$495.00 – Online 3 months

Green Supply Chain Professional - The Certified Green Supply Chain Professional Online Training Program will give you the specialized knowledge to enable a company to achieve its environmental sustainability goals through global sourcing, materials management, procurement and buying, transportation and logistics, and new product development. Cost - \$1595.00 –Online 12 months

Accounts Payable Manager Certification This course will prepare you for the Institute of Finance & Management's (IOFM) Accounts Payable Manager (APM) certification, the gold standard within the financial operations industry. You will gain key AP skills, including leadership, internal controls and oversight, and process improvement. Cost- \$1295- Online 3 months

CREDIT BEARING longer than 6 months
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Certificate in Diesel: The certificate program allows students to begin a successful career in the heavyduty diesel service industry, which is experiencing faster than average employment growth currently. Graduates who pursue a career in diesel service perform inspections, and repair or overhaul any type of diesel engine, often found in buses, trucks and farming equipment. Skills gained in the diesel certificate can also be applied to the mechanical needs of an agriculture business that uses large-scale farming machinery. Two Semesters. Cost - \$13,866


Industrial Maintenance Designed using the successful programs Vermont Tech developed with employer partners. These new offerings allow students the same high-quality, hands-on, relevant training, taught by industry professionals. Flexible program uses a condensed schedule and levels to allow for faster employment and on-the-job training. Cost - \$4343.00

Advanced Manufacturing Designed using the successful programs Vermont Tech developed with employer partners. These new offerings allow students the same high-quality, hands-on, relevant training, taught by industry professionals. Flexible program uses a condensed schedule and levels to allow for faster employment and on-the-job training. Solidworks and NIMS certification available Cost - \$3910.00




Forestry: Students learn how to operate sawmills, chainsaws, timber harvesting equipment and apply technical forestry skills. The Forestry Certificate is ideal for students looking for a concentration in Forestry studies. This is a two year associate's degree. Cost - \$13,866 a year

Paramedicine: This is an industry recognized credential. Upon completion of the program, Paramedicine graduates are awarded certificates and are eligible to apply to take the National Registry of EMTs' Paramedic examination. After licensure/certification, Paramedicine graduates typically find employment in pre-hospital or in-hospital care settings working as a member of the health care team. Three semesters.


Cost - \$21,888 

Licensed Practical Nurse: This is an industry recognized credential. After completing the program and receiving a certificate, students are eligible to take a licensing exam (NCLEX) to be a Licenses Practical Nurse. After licensure, PN graduates typically find employment in long-term care, outpatient clinics, physicians' offices, and other healthcare agencies and work under the supervision of a registered nurse, physician, or dentist. With experience, they can assume increasing responsibilities in the nursing field.

Three semesters. Cost - \$20,064 

Electrical and Plumbing Apprenticeship programs

Vermont Tech has collaborated with the Vermont Department of Labor to manage the related instruction component of the Registered Electrical and Plumbing Apprenticeship programs. Through these programs, students meet the classroom requirement to sit for the Vermont State Journeyman Exam. Classroom based instruction is traditionally held two nights per week at a local technical center, or college campus. Each year, classes begin around Labor Day and run through mid-April. The classroom component is a total of 144 hours each year. In addition to traditional classroom locations, Vermont Tech has worked to make attendance more accessible by utilizing our distance learning technology. Students in a distance learning environment meet one night per week online, and then one Saturday a month at

Vermont Tech's Randolph Center campus. Cost - \$900 per year - online 

Delivery- Online courses start monthly and have flexible capacity for enrollment. In person delivery limits class size – from 10-20 participants in most cases. These courses run in the fall, spring and summer semester and have variable start dates.



Denotes career has a bright outlook according to the Department of Labor – www.onetonline.org

Bright Outlook occupations are expected to grow rapidly in the next several years, or will have large numbers of job openings.