



ADVANCED CAREER TRAINING ONLINE COURSES

# CONSTRUCTION and TRADES



Some courses feature VR Training with v2 Headset included!

## COURSE FEATURES:

- 24/7 Access
- Books and materials included
- Certificate of Completion
- Financial assistance available
- Student Advisors included
- Industry recognized certifications

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## CONSTRUCTION

### Home Inspection Certificate

This course will help you prepare for a career as a Home Inspector. Your will learn best practices for inspecting residential construction, including inspection guidelines, identifying common defects, reporting methodologies, and risk management.

## ENVIRONMENTAL AND ENERGY

### Biofuel Production Operations

This online Biofuel Production Operations course will give you the education you need to work as a biofuel production operator, inspect and repair equipment, operate computer systems, and handle lab equipment.

### Chemical Plant Operations

Prepare for an entry-level position in a chemical plant with this online Chemical Plant Operations course.

### Leadership in Energy Environmental Design (LEED)

**(Exam Included)**

This online Leadership in Energy and Environmental Design (LEED) course is designed to educate candidates on cutting edge green building and sustainable design practices and enables participants to designate that expertise with an internationally recognized professional credential.

To learn more and enroll, visit:

### Natural Gas Plant Operations

For decades to come, natural gas will be produced and consumed in the United States, creating an ongoing demand for natural gas plant operators. This online course provides the fundamental technical background you need to get started in this field.

### Oil Refinery Operations

Learn the skills you need to start work as an in-demand oil refinery operator.

### Power Plant Operations

Learn the skills you need to gain entry-level employment as a power plant operator.

## RENEWABLE ENERGY



### NABCEP Certification - PV Associate

(Exam Included)

Take the first step toward earning an internationally recognized solar certification. This training program will instantly qualify you to sit for the PV Associate exam offered through the North American Board of Certified Energy Practitioners® (NABCEP®).

### NABCEP Certification - PV Design Specialist

Become a certified solar PV system designer through this NABCEP® PV Design Specialist training program by Everblue. This NABCEP-approved curriculum aligns with the prerequisites for the NABCEP® PVDS exam.

### NABCEP Certification - PV Installation Professional

Become a certified solar panel installer with the NABCEP® PV Installation Professional training program. This NABCEP®-approved curriculum aligns perfectly with the educational prerequisites to sit for the NABCEP® PVIP exam and provides an overview of installation, design, sales, and safety concepts.

### Solar Design Training

This online course will familiarize you with the steps and considerations necessary before and during a solar installation project. This includes addressing customer expectations, paperwork and approvals, location options, code compliance, and project site assessment.

### Solar Energy Training

This entry-level solar energy training course is designed to help you understand the fastest-growing form of power generation in the world - solar power. This is the best place to begin your journey into the solar workforce by equipping yourself with in-demand skills!

### Solar Panel Installer Training

This intermediate-level course follows our PV101 Solar Energy Training course - building on solar energy, electricity, and safety fundamentals by training you to work with wires, circuits, and panels. This 40-hour online course will teach you how to install solar panels and about the balance of components, including inverters, charge controllers, and battery banks for grid-tied and off-grid systems.

### Solar Sales Training

This specialized solar sales training program helps you understand the technical components of a solar photovoltaic system so you can better communicate its benefits to potential customers. The 20-hour online course will help you to effectively sell solar PV systems.

## TRADES



### Certificación HVAC/R en español

(incluye curso de inglés y examen profesional) (EnGen)

Durante este curso mejorarás tus conocimientos de inglés y aprenderás valiosas habilidades profesionales en la trayectoria de la carrera de HVAC. Utilizarás simulaciones prácticas de llamadas de servicio para prepararte para la certificación HVAC a través de los exámenes de acreditación de "HVAC Excellence o NATE."

### Certified Additive Manufacturing (CAM-F)

(Voucher Included)

This additive manufacturing certification course focuses on the basics of additive manufacturing, including a comprehensive overview of additive manufacturing, the seven additive manufacturing technologies, and basic safety guidelines.

## **Certified Additive Manufacturing Technician (CAM-T)**

**(Voucher Included)**

Prepare for the Certified Additive Manufacturing - Technician (CAM-T) certification exam, which focuses on the methodology of additive manufacturing, including the seven additive manufacturing technologies, processes, material selection, post-processing, and basic safety guidelines. Start your additive manufacturing training today!

## **Certified Manufacturing Associate (CMfgA)**

**(Voucher Included)**

SME's Certified Manufacturing Associate (CMfgA) is an industry certification focused on basic manufacturing concepts, demonstrating an individual's potential for high-demand, entry-level manufacturing roles. It was designed for individuals new to manufacturing who may not currently possess enough knowledge or experience for more advanced technical certifications.

## **Certified Manufacturing Engineer (CMfgE)**

**(Voucher Included)**

The CMfgE course is ideal if you have advanced manufacturing engineering experience, are in a leadership position, or support manufacturing practices at a manufacturing organization.

## **Certified Manufacturing Technologist (CMfgT)**

**(Voucher Included)**

The CMfgT course is an entry-level program that benefits both new manufacturing engineers and experienced manufacturing engineers without other credentials.

## **CNC Machinist with VR Training**

**(VR Training Headset v2 Included)**

This CNC machinist course provides an intensive overview of workholding, math, inspection, safety, metal cutting, materials, quality, and grinding - all skills are essential for working as a CNC machinist.

## **Composites Technician**

The Composites Technician course provides an intensive overview of the skills needed for composites processing. You will learn math, inspection, safety, materials, quality, machining and joining skills.

## **Die Setter**

This course provides an intensive overview of die setting. You will learn the math, inspection, safety, materials, quality, and fabrication skills needed to work as a die setter.

## **Electrical and Electronics Technician Certification with Lab Kit**

Start your journey as an electrical technician with this self-guided multimedia course designed to immerse in real-life case scenarios, hand-on labs, circuit simulations, and over 200 engaging safe-to-fail activities to reinforce your learning. Learn to read electrical schematics, hone your testing and troubleshooting skills, and prepare for an electronics certification opportunity as you launch your new career.

## **Electrical and Electronics Technician Certification with Lab Kit (Tools Included)**

This course is designed to prepare learners for a fulfilling career as an electrical technician. It covers a wide range of topics, from the fundamental principles of electricity to the practical application of this knowledge in troubleshooting and repairing electronic devices. The learner will develop a broad understanding of the field of electronics and the role of the electrical technician. Learners will be able to explain the components and characteristics of electrical circuits and apply mathematical concepts to analyze and solve electrical problems.

## **Electrical and Electronics Technician Certification with Lab Kit (Voucher Included)**

This course is designed to prepare learners for a fulfilling career as an electrical technician. It covers a wide range of topics, from the fundamental principles of electricity to the practical application of this knowledge in troubleshooting and repairing electronic devices. The learner will develop a broad understanding of the field of electronics and the role of the electrical technician. Learners will be able to explain the components and characteristics of electrical circuits and apply mathematical concepts to analyze and solve electrical problems.

**Electric Vehicle Fundamentals (EVF)****(Voucher Included)**

The Electric Vehicle Fundamentals (EVF) credential is focused on the fundamentals of electric vehicles and provides a starting point for career pathways in the electric vehicle (EV) industry.

**Engineering Technician with VR Training****(VR Headset v2 Included)**

Gain an intensive overview of the skills necessary to become an engineering technician. You will learn about math, inspection, safety, materials, machining, quality, grinding, electrical systems, automation, motor controls, additive manufacturing, assembly, design, and management.

**Foundations of Plumbing (Tools Included)**

This course trains for a career in plumbing, where you will learn specialized plumbing skills and terminology for residential, commercial, and industrial plumbing systems. In addition, this course teaches the math, geometry, and physical principles needed to work on plumbing systems.

**HVAC/R Español a Inglés (Aprendiendo Inglés para esta Profesión) (EnGen)**

Durante este curso de HVAC/R mejorarás tus conocimientos de inglés y aprenderás valiosas habilidades profesionales necesarias para tener éxito como profesional HVAC/R.

**HVAC/R Certified Technician****(Voucher and Tools Included)**

If you want to take your HVAC/R career to the next level, this course uses hands-on service call simulations to prepare you for the industry-recognized HVAC Excellence or NATE certification exams.

**HVAC/R Simulation for Field Technicians**

Work through true-to-life simulations of common HVAC/R scenarios and gain applicable service, maintenance, and troubleshooting skills. This hands-on simulator course will help you hone your technical abilities and build your knowledge of complex heating, ventilation, air conditioning, and refrigeration systems.

**HVAC/R Technician (Voucher and Tools Included)**

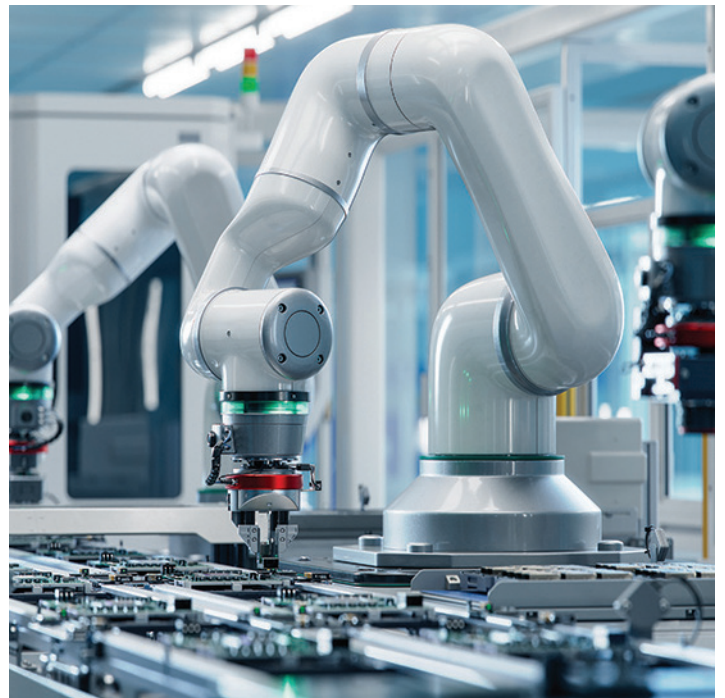
This course will train you to service, maintain, and troubleshoot complex heating, ventilation, air conditioning, and refrigeration systems. You will also gain the necessary situational knowledge and technical skills to prepare for an entry-level role in the HVAC/R field.

**Maintenance Technician (Tools Included)**

This Maintenance Technician training course allows you to identify the required knowledge and skills that provide a pathway to upskill and validated worker competences.

**Maintenance Technician with VR Training****(VR Headset v2 Included)**

This Maintenance Technician training course allows you to identify the required knowledge and skills that provide a pathway to upskill and validated worker competences.

**Manual Machinist**

This Manual Machinist course provides an intensive overview of the skills necessary to perform manual machining. The course will cover workholding, math, inspection, safety, machining, materials, quality, grinding, assembly, and more.

**Mechatronics**

This online course provides an intensive overview of the skills necessary in the mechatronics industry, including math, inspection, safety, quality, electrical systems, automation, mechanical systems, fluid systems, rigging and welding.

**Press Operator: Cold Stamping**

You will gain an intensive overview of the skills needed for cold stamping press work. You will learn math, inspection, safety, materials, quality, stamping, forming, and automation to work as a Cold Stamping Press Operator.

**Press Operator: Hot Stamping**

This course provides an intensive overview of hot stamping press work. You will learn the math, inspection, safety, materials, quality, stamping, forming, and automation skills needed to work as a hot stamping press operator.

**Process Technician**

This online course provides an intensive overview of the skills needed to become a process technician. You will learn a wide variety of skills, including math, inspection, safety, machining, quality, electrical systems, automation, mechanical systems, motor controls, fluid systems, and joining.

**Quality Inspector with VR Training**

**(VR Headset v2 Included)**

This Quality Inspector course provides an intensive overview of the skills necessary for quality assurance and inspection. You will learn math, inspection, safety, materials, quality, and management skills as you prepare to become a quality inspector.

**Residential Electrician**

**(Tools Included)**

From updating existing buildings to building construction, demand for electricians is on the rise. This course will train you for an entry-level career as an electrician by teaching you the fundamental skills you need to succeed, such as electrical theory, wiring and installation, customer service best practices, the National Electrical Code®, and much more.

**Robotics in Manufacturing Fundamentals (RMF)**

**(Voucher Included)**

The RMF credential focuses on the fundamentals of manufacturing robotics and provides a starting point for any career pathway a candidate may pursue in the field of robotics.

**Robotics Technician with VR Training**

**(VR Headset v2 Included)**

Gain an intensive overview of the skills needed in the robotics industry. You will learn math, safety, quality, electrical systems, automation, mechanical systems, fluid systems, and rigging to be on your way to a successful career as a robotics technician.

**Tool and Die Maker**

This course provides an intensive overview of tool and die making and will teach you about workholding, math, inspection, safety, machining, materials, quality, and grinding.

**Toolmaker**

This online course will provide an intensive overview of the toolmaking industry and the skills needed to work in it. You will learn a variety of important skills, including workholding, math, inspection, safety, machining, materials, quality, grinding, and stamping.

**Welder Technician (Tools Included)**

The Welder Technician course is an intensive overview of skills relating to welding techniques, from the basic principles of metal cutting and rigging to safety guidelines and manufacturing management.

## TRANSPORTATION



### **Entry Level Driver Training ELDT for Class A**

Learn everything you need to prepare for your entry-level driver training (ELDT) necessary to obtain your Class A Commercial Driver's License (CDL).

### **Entry Level Driver Training ELDT for Class B**

Get the training you need to meet FMCSA requirements and prepare to obtain your entry-level driver training (ELDT) Class B Commercial Driver's License (CDL).

### **Entry Level Driver Training ELDT for Class B to A**

Get the knowledge you need to upgrade your Class B license to a Class A Commercial Driver's License (CDL) in three months or less with this Entry-Level Driver Training (ELDT) course.

### **Entry Level Driver Training ELDT for Hazardous Materials**

Prepare to fulfill the stated-administered knowledge requirement for your hazardous materials (H) endorsement.