



Career Launchpad Other Occupation Sectors

With the Career Launchpad, Hudson Valley Community College has fast-track options that can get you re-skilled for a new or better career!

Course/Program Offerings

BPI Infiltration & Duct Leakage Professional (IDL)

This course is intended for individuals looking to provide required energy code testing and certification of new construction. You will learn the knowledge and skills needed to conduct duct leakage and blower door tests in compliance with IECC and New York State building codes. Training consists of interactive classroom sessions that include activities covering basic building science, energy codes, and testing processes and standards. You will also learn how to analyze the results of blower door and duct leakage tests and determine reporting requirements.

Related Occupational Outlook Information:

Construction and Extraction Occupations (<https://www.bls.gov/ooh/construction-and-extraction/home.htm>)

BPI Building Science Principles

This course is for anyone entering the clean/renewable energy and building performance industries, whether you are a veteran contractor, sales, or support staff, supervisor, distributor or manufacturer. You will learn the knowledge and skills needed to obtain a Certificate of Knowledge in Building Science from the Building Performance Institute. Training consists of interactive classroom sessions that include activities covering heat transfer, insulation, and appliances. You will be learn how to analyze the performance of a home and how energy efficiency measures can be utilized to reduce energy use and increase comfort and health.

Related Occupational Outlook Information:

Construction and Extraction Occupations (<https://www.bls.gov/ooh/construction-and-extraction/home.htm>)

Building Performance Institute (BPI) Certification Testing

Hudson Valley Community College, as a Building Performance Institute (BPI) Test Center, will conduct BPI field certification testing, as well as written/online exams, on an individual basis. Candidates should contact the college's Workforce Development at the number(s) below to register and make arrangements for their Field Exam.

Related Occupational Outlook Information:

Construction and Extraction Occupations (<https://www.bls.gov/ooh/construction-and-extraction/home.htm>)

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Course/Program Offerings

Drone Remote Pilot Federal Aviation Administration (FAA) Test Prep

This highly-focused course prepares individuals for the test to receive FAA remote pilot certification. Beyond drone-specific material, students in this course will gain an understanding of much of the ground-school information covered in the FAA's knowledge test.

Related Occupational Outlook Information:

Surveying and Mapping Technicians (<https://www.bls.gov/ooh/architecture-and-engineering/surveying-and-mapping-technicians.htm>)

Drones Hands-On Flight Training

This course creates safe, capable pilots who can confidently fly the aircraft when there is a situational requirement for manual flight control. This course uses model quadcopters flown indoors and brings you through a series of increasingly difficult exercises to have you flying through an obstacle course by the end of the day. The cost of this course includes a training quadcopter with a radio controller

Related Occupational Outlook Information:

Surveying and Mapping Technicians (<https://www.bls.gov/ooh/architecture-and-engineering/surveying-and-mapping-technicians.htm>)

Drones-Intro for Commercial Users

This eight-hour course is a comprehensive overview of the information your organization needs to start using drones safely and legally. The course will cover the types of flight systems available, their capabilities and how to pick the one that would be best for your organization. We discuss how drones can be used in specific business applications, and how to apply drone technology to bring efficiencies to your business.

Related Occupational Outlook Information:

Surveying and Mapping Technicians (<https://www.bls.gov/ooh/architecture-and-engineering/surveying-and-mapping-technicians.htm>)

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Course/Program Offerings

Drones-Intro for Public Safety Users

This eight-hour course is a comprehensive overview of the information your organization needs to start using drones safely and legally. In this course, we will cover the types of flight systems available, their capabilities, and how to pick the best one for your organization. We will discuss how drones can be used in specific public safety applications and how to apply drone technology to reduce risk and bring efficiencies to your organization.

Related Occupational Outlook Information:

Not Available

LEED Green Associate Exam Prep

This self-paced course introduces key concepts and terms to prepare learners to earn their LEED Green Associate v4 accreditation. The course is divided into modules that explain LEED process, LEED certification, and the knowledge domains associated with the seven LEED rating systems in a simple and straightforward way that can be quickly and easily understood.

Related Occupational Outlook Information:

Careers in Green Construction (<https://www.bls.gov/green/construction/>)

Construction and Extraction Occupations (<https://www.bls.gov/ooh/construction-and-extraction/home.htm>)

Logistics & Distribution Management

This self-paced, six-hour course explores the fundamental concepts and ideas of logistics and distribution management. It delves into the various logistics information management systems, analyzes their financial aspects and technological influences, and explains how to manage and measure their performance. This course is divided into modules that explain logistics management, inventory management, and warehousing and distribution. Throughout these modules, course participants will review and distinguish between inbound logistics, outbound logistics, reverse logistics, and third-party logistics; explore the tools and techniques for tracking and valuing inventory, including ABC analysis; and learn the functions of packaging and methods for transporting goods through simple and complex distribution channels

Related Occupational Outlook Information:

Logisticians (<https://www.bls.gov/ooh/business-and-financial/logisticians.htm>)

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Course/Program Offerings

Operations Management

This 10-hour course explores the fundamental concepts and theories practitioners will need to successfully guide operations in manufacturing and service organizations. Modules in this self-paced course introduce key foundational material, describe the interplay of supply chains and demand management, and explain the role that processes and process management play in robust operations. Specific tools, techniques, and methodologies (including Lean, total quality management, and Six Sigma) are presented to show their applicability to operational strategies.

Related Occupational Outlook Information:

Logisticians (<https://www.bls.gov/ooh/business-and-financial/logisticians.htm>)

Paralegal Certificate Course

This intensive, nationally-acclaimed program is designed for beginning and advanced legal workers. You will be trained to assist trial attorneys, interview witnesses, investigate complex fact patterns, research the law and assist in preparing cases for courtroom litigation. The instruction is practice-oriented and relates to those areas of the law in which legal assistants are in most demand. The online paralegal course is split into two parts: Introduction to Paralegal Studies and Advanced Paralegal Concepts. All registered students will be enrolled in both sections, which will be completed consecutively.

- Introduction to Paralegal Studies provides the foundation for paralegal study. During the seven-week course, you will gain an understanding of the American legal system and learn how you can be of assistance in the exciting field of law.

- Advanced Paralegal Concepts takes over where the introduction leaves off. In this seven-week course, you will learn the advanced skills of legal research and writing, formal and informal advocacy, and appellate procedure.

Related Occupational Outlook Information:

Paralegals and Legal Assistants (<https://www.bls.gov/ooh/legal/paralegals-and-legal-assistants.htm>)

Pet CPR and First Aid

Whether you are a pet owner or just a pet lover, this class will provide critical knowledge that could help save a pet's life. Students will need to purchase at least one textbook as part of the online portion of this course; approximate textbook cost is \$20.

Related Occupational Outlook Information:

Animal Care and Service Workers (<https://www.bls.gov/ooh/personal-care-and-service/animal-care-and-service-workers.htm>)

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Course/Program Offerings

Pet Education Certificate

The Pet Education Certificate course offers a variety of resources to help begin or enhance your career working with animals, including but not limited to pet sitting, kennel work, daycare, training, working for a veterinarian and other animal-related fields. Topics include pet health and illness, communication, basic hygiene for pets, and even writing a resume and preparing for an interview. In order to successfully complete this program and be eligible for a certificate, you must successfully complete the online course, complete a pet First Aid/CPR class and complete at least 100 hours of internships at an approved animal care facility within six months of the end of the course.

Times available for internships are at the discretion of the animal care facility. Weekend and evening schedules may not be able to be accommodated.

Related Occupational Outlook Information:

Animal Care and Service Workers (<https://www.bls.gov/ooh/personal-care-and-service/animal-care-and-service-workers.htm>)

Photovoltaics (Solar) Installation Basics

As an introduction to Solar Energy, students will learn to safely and effectively perform installation tasks as a trained, entry-level worker does in the field. Course topics will include: basic electrical safety, basic measuring, construction safety, electrical grounding and bonding, hand-held power tools, PV racking systems, PV module handling and installation, rooftop safety, and weather proofing.

Related Occupational Outlook Information:

Solar Photovoltaic Installers (<https://www.bls.gov/ooh/construction-and-extraction/solar-photovoltaic-installers.htm>)

Photovoltaics (Solar) Advanced

PV-Advanced is designed for individuals who are preparing for the North American Board of Certified Energy Practitioners (NABCEP) PV Installer certification process. The course follows the NABCEP Study Guide for Photovoltaic System Installers, and includes both theory and hands-on experience.

Related Occupational Outlook Information:

Solar Photovoltaic Installers (<https://www.bls.gov/ooh/construction-and-extraction/solar-photovoltaic-installers.htm>)

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Course/Program Offerings

Procurement & Supply Management

This self-paced, eight-hour course explains the evolution from the transactional purchasing or procurement function into the strategic process of supply management. It introduces key concepts and ideas that can be used to successfully source and manage suppliers and to deal with issues that may arise across the supply chain. The course is divided into modules that explain supply management basics; describe strategic, ethical, and sustainable sourcing; and discuss supply chain leadership and integration.

Related Occupational Outlook Information:

Logisticians (<https://www.bls.gov/ooh/business-and-financial/logisticians.htm>)

PV - Associate **ONLINE** only

This online version of the PV-Associate Photovoltaics (Solar Power) course covers the fundamentals of photovoltaic (PV) systems design and installation. The objective of the course is to prepare students for the North American Board of Certified Energy Practitioners (NABCEP) PV Associate Exam. The course curriculum complies with NABCEP's Job Task Analysis for the Associate exam.

Related Occupational Outlook Information:

Construction and Extraction Occupations (<https://www.bls.gov/ooh/construction-and-extraction/home.htm>)

PV Associate Blended

The PV-Associate Photovoltaics (Solar Power) course covers the fundamentals of photovoltaic (PV) systems design and installation. The objective of the course is to prepare students for taking the North American Board of Certified Energy Practitioners (NABCEP) PV Associate Exam. The course curriculum complies with NABCEP's Job Task Analysis for the Associate exam.

Related Occupational Outlook Information:

Solar Photovoltaic Installers (<https://www.bls.gov/ooh/construction-and-extraction/solar-photovoltaic-installers.htm>)

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Course/Program Offerings

Security Guard: Annual In-Service 8 Hour Training

This training must be completed within 12 months of becoming licensed as a security guard and then annually thereafter. Training topics include: Role of the security guard, legal powers and limitations, emergency situations, communications and public relations, access control, and ethics and conduct.

NOTE: All courses require:

- Minimum 18 years of age
- Must not have been convicted of a serious criminal offense
- Must be a citizen or resident alien of the United States
- A minimum of a 10th grade reading skill level in English
- Passing of an examination and 100% attendance is required for successful completion of this course

Students must bring one of the following forms of identification to the training:

- A driver's license, US passport, government ID or military ID

OR

- A social security card AND employer ID, student photo ID, or other similar photo ID.

Related Occupational Outlook Information:

Security Guards and Gaming Surveillance Officers (<https://www.bls.gov/ooh/protective-service/security-guards.htm>)

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Course/Program Offerings

Security Guard: On-the-Job 16 Hour Training

This training must be completed within 90 days of your first employment as a security guard. Training topics include: Role of the security guard, legal powers and limitations, emergency situations, communications and public relations, access control, and ethics and conduct.

NOTE: All courses require:

- Minimum 18 years of age
- Must not have been convicted of a serious criminal offense
- Must be a citizen or resident alien of the United States
- A minimum of a 10th grade reading skill level in English
- Passing of an examination and 100% attendance is required for successful completion of this course

Students must bring one of the following forms of identification to the training:

- A driver's license, US passport, government ID or military ID

OR

- A social security card AND employer ID, student photo ID, or other similar photo ID.

Related Occupational Outlook Information:

Security Guards and Gaming Surveillance Officers (<https://www.bls.gov/ooh/protective-service/security-guards.htm>)

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Course/Program Offerings

Security Guard: Pre-Assignment 8 Hour Training

Begin your career as a security guard by completing this eight-hour course. This course is required to qualify for your security guard registration card from the NYS Department of State. Training topics include: Role of the security guard, legal powers and limitations, emergency situations, communications and public relations, access control, and ethics and conduct.

NOTE: All courses require:

- Minimum 18 years of age
- Must not have been convicted of a serious criminal offense
- Must be a citizen or resident alien of the United States
- A minimum of a 10th grade reading skill level in English
- Passing of an examination and 100% attendance is required for successful completion of this course

Students must bring one of the following forms of identification to the training:

- A driver's license, US passport, government ID or military ID

OR

- A social security card AND employer ID, student photo ID, or other similar photo ID.

Related Occupational Outlook Information:

Security Guards and Gaming Surveillance Officers (<https://www.bls.gov/ooh/protective-service/security-guards.htm>)

Supply Chain Management Basics

As a supply chain grows in complexity, and companies increasingly source products and services from a more diverse and global set of suppliers, the job of managing the processes that ensure the steady and reliable flow of components and inputs has never been more difficult. This self-paced, 10-hour course introduces the core concepts and components of supply chain management, including supplier evaluation, logistics, inventory management, and other supply chain practices.

Related Occupational Outlook Information:

Logisticians (<https://www.bls.gov/ooh/business-and-financial/logisticians.htm>)

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Course/Program Offerings

Veterinary Assistant

The course is designed for people who want to work as veterinary assistants at veterinary hospitals and for those already employed in related positions. Upon completion of the course, you will also have the opportunity to gain access to an Externship Starter Kit. You'll learn about every aspect of veterinary assisting, including anatomy and physiology, animal restraint, laboratory sample collection, assisting in surgery and dentistry, prescription preparation, and taking radiographs.

You'll also learn how to interact professionally with clients and gain the expertise you need to educate them about key topics in pet care, such as nutrition, vaccinations, and administering medication. The course concludes with a lesson to prepare you for the job market, in which you'll see how to create an effective resume, advance your expertise, and develop strong interview skills. You will truly learn everything you need to know to be successful in your new career.

Related Occupational Outlook Information:

Veterinary Assistants and Laboratory Animal Caretakers

(<https://www.bls.gov/ooh/healthcare/veterinary-assistants-and-laboratory-animal-caretakers.htm>)

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