# Career Launchpad
# Computer Science

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

### Certificate in Cybersecurity

This eight-course (40 hr) certificate program offers lessons on the critical elements of information security. Each of the eight courses in this suite helps you master both technical and non-technical aspects of cybersecurity and offers examples, videos, interactive games, and review questions to ensure mastery of the material. Courses included in the certificate program are: Asset Security, Communication and Network Security, Identity and Access Management, Security and Risk Management, Security Assessment and Testing, Security Engineering, Security Operations, and Software Development Security

**Related Occupational Outlook Information:**
Computer and Information Technology Occupations (https://www.bls.gov/ooh/computer-and-information-technology/home.htm)

### Certificate in Data Analytics

This 30-hour online certificate in data analytics provides an overview of topics in statistics and their applications in a variety of fields. This certificate will present the basics of quantitative analysis and its increasing use in todays professional landscape. Learners are exposed to quantitative decision-making tools and techniques, which tie into real-world case studies. Each course in this certificate utilizes games, videos, interactive exercises, quizzes, real world case studies, and other engaging content to ensure rapid mastery of the content and direct application.

**Related Occupational Outlook Information:**
Computer and Information Technology Occupations (https://www.bls.gov/ooh/computer-and-information-technology/home.htm)

### Certified Information Systems Security Professional (CISSP) Exam Prep

The self-paced, 40-hour CISSP® Exam Prep Course prepares test-takers for the Certified Information Systems Security Professional exam, as administered by the International Information System Security Certification Consortium (ISC)2. The CISSP® certification is recognized worldwide and adheres to the strict standards of ISO/IEC 17024. As security breaches outpace the available pool of security experts, the need for information security professionals with proper certifications will continue to grow. Among other titles, obtaining the CISSP® certification prepares one for a position as a Security Analyst, Chief Information Security Officer, or as a Security Architect.

**Related Occupational Outlook Information:**
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## Get in Touch

Center for Careers and Transfer | (518) 629-7326 | cce@hvcc.edu

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## Course/Program Offerings

### CompTIA Security + Exam Prep

The CompTIA Security+ Exam Prep Course prepares test-takers for the Security+ exam, as administered by CompTIA. The CompTIA certification is recognized worldwide and adheres to the strict standards of ISO/IEC 17024 and is approved by the US Department of Defense to meet directive 8140/8570.01-M requirements. The course contains a variety of content presentation methods to help teach the concepts and vocabulary, and ultimately, learners are given ample opportunity to assess their skills with a multiple choice practice exam.

**Related Occupational Outlook Information:**

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### Front End Web Development

This course will teach you the essential techniques used to plan and design cutting-edge interactive web applications for the software industry. Through lectures, hands-on work and team assignments, you will learn the process for planning, creating, testing and deploying web applications. At the conclusion of the course, you will have created a portfolio of projects and a functional website that can be used to market your skills.

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