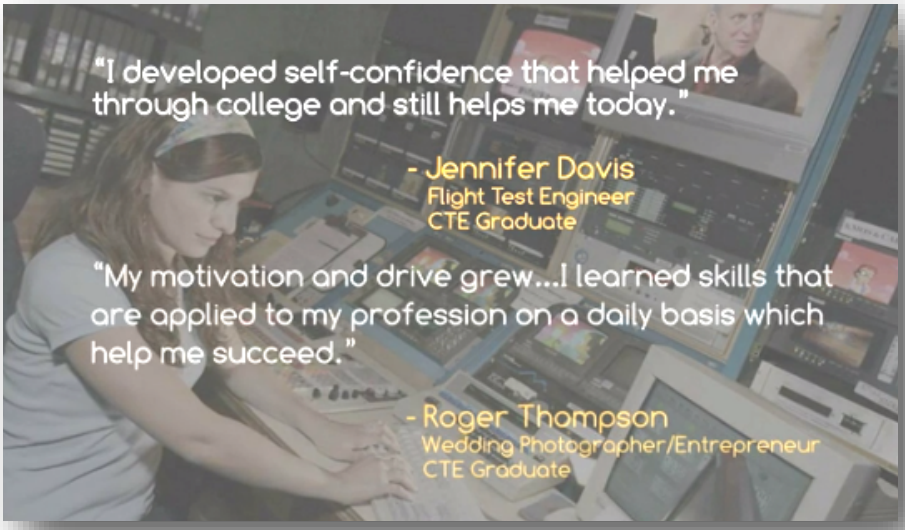
Find Your Future!



Information Technology—Cybersecurity

Triton College has several options for Degree and Certificate programs in the Computer Information Systems Career field. With an Industry Certified program, you know you are getting the highest quality industry-recognized training.

Available 2-Year Degrees include:

- Computer Information Systems
- Computer Network and Telecommunications Systems
- Cybersecurity and Information Assurance

Triton Certificates include:

- A+ Microcomputer Technician (A+ industry certification)
- Cloud Computing Systems
- Cybersecurity and Information Assurance (CCNA, CISSP, SANS industry certification preparation)
- Database Systems
- Geographic Information Systems
- Mobile, Web & Data Science App Development
- Network Management (CISCO CCENT, CISCO CCNA industry certification preparation)
- Systems Administration (MTA, MCSA/Server, MCSA/Linux industry certification preparation)
- Web Technologies (CIW industry certification preparation)
- Windows Programming Advanced

Can I See Myself Doing This?

Am I good at Algebra?

CareerClusters®
PATHWAYS TO COLLEGE & CAREER READINESS
Information Technology

Am I good with Data and Things?

Start your 2 Year Degree Cybersecurity and Information Assurance

	Course 1	Course 2	Course 3
Course	**CIS 101 Computer Systems & Business Applications**	**CIS 176 LAN Administration: Windows Server**	**CIS 210 Data Communications & Networking Fundamentals**
Triton Credentials	Cybersecurity Degree	(elective)	Cybersecurity Degree
	Computer Network/ Telecommunications Systems Degree	Computer Network/ Telecommunications Systems Degree	Computer Network/ Telecommunications Systems Degree
		Cybersecurity Certificate	Cybersecurity Certificate
	Network Management Certificate		Network Management Certificate

Get started in Cybersecurity in your Junior and Senior years of high school with these courses required for the 2 year Cybersecurity and Information Assurance Degree at Triton College. All four of the above listed courses qualify for dual credit!

Q: How does this help me?

A: This means you can request electives at Triton College that will:

1. Earn elective credit at your high school, AND
2. Earn college transcript credit at Triton, AND
3. Complete 2 courses for Network Management Certificate, AND
4. Complete 3 courses of degree requirements at Triton in two A.A.S. programs—while you are in high school!

Ask your counselor about making space in your schedule to take dual credit classes that can help move you closer to your career goals!!

Are you ready to commit to building your future?

JOB ZONE Information Security Analyst

Education— Most of these occupations require a four-year bachelor's degree, but some do not.

Experience— A considerable amount of work-related skill, knowledge, or experience is needed for these occupations. For example, an accountant must complete four years of college and work for several years in accounting to be considered qualified.

Training— Employees in these occupations usually need several years of work-related experience, on-the-job training, and/or vocational training.

EARNINGS—

Information Security Analysts—Median Annual Wage $ 94,763.

Related Occupations:

Computer User Support Specialist—Median Annual Wage $51,957.

Computer Network Support Specialists

	Entry	Median	Experienced
Annual Wage	$46,781.	$63,381.	$77,837.
Hourly	$22.49	$30.47	$37.42

Computer Systems Design & related—Median Annual Wage $86,531.

Database Administrators—Median Annual Wage $98,727.

Web Administrators—Median Annual Wage $99,190.

Information Security Analysts - Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure.

Typical Technology

Access software
- Access management software
- Citrix
- IBM Tivoli Access Management TAM

Administration software
- Cisco Systems CiscoWorks

Analytical or scientific software
- SAS
- The MathWorks MATLAB

Application server software
- Docker
- GitHub
- Oracle WebLogic Server
- Red Hat WildFly

Authentication server software
- Diameter
- IBM Tivoli Identity Management TIM
- Password management software

What Will Your Story Be?

"If you know what your passion is, just go for it!.

" I'm working on a gaming concentration. This year I am getting two certificates. After I get my degree I will be able to work in the gaming industry."

Credits

https://illinois.virtuallmi.com/vosnet/lmi/profiles/profileSummary.aspx?enc=e7AKr7bjUGRBEdrMte14UU/yogJNLO8Pv84AeQ47o7QBMmdRYpSALFUmUn7vV3qaOWsxtceX5fQ994+m3sKuVS24cINBQiPEquPlJgtEEx0SLlh2Y0HID/yjzem8h0kY

https://careertech.org/information-technology

programsofstudy
DVR Region Career Development

Choose Your Career Path . . .

There are 16 Career Clusters in the National Career Clusters Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career! With so many options to consider, where do you start?

First, take a career assessment at your school, to help narrow down the choices that could be a great fit for you. Then start learning about those careers. What are the opportunities? The work environments?

Next, look at what kind of training you need to prepare for that career. Some positions offer on-the-job training. Others require some type of industry credential. Still others may require a post-secondary certificate or degree. What training do you need **to get the career you want?**

Cybersecurity

Cybersecurity is an in-demand field. Growing cyber attacks, demand for safe and secure data, and other concerns mean that companies need professionals to keep their information safe.

“Cybersecurity professionals report an average salary of $116,000, or approximately $55.77 per hour. That's nearly three times the national median income for full-time wage and salary workers, according to the Bureau of Labor Statistics.”

Moreover, there are lots of opportunities in government agencies and defense/ aerospace firms for cybersecurity professionals. Also financial services - think industries with classified or private data. However, all kinds of companies are looking for cybersecurity professionals nowadays.

Rasmussen advises, "If you aren’t in the IT space at all, start with learning IT fundamentals. We’ve seen this as necessary for even folks like FBI or other law enforcement officers who have the investigatory or ‘finding bad guys’ part down really well. That will serve you well in cyber, but regardless of your background, you need those building block fundamentals in IT in order to create an effective new career in cybersecurity."

To gain these skills, check out technical and community colleges near you for night courses. "Most of those, particularly those that provide network management courses, offer good courses in security basics," says Rasmussen. https://www.forbes.com/sites/laurencebradford/2017/02/27/how-to-start-a-lucrative-career-in-cybersecurity/#6ca601901066