

CYBERSECURITY

PROGRAM DETAILS

Unfortunately, hacking is a daily occurrence. Companies lose millions of dollars each year from cyber attacks, and Americans are often the victims of online crimes. Fortunately for you, your passion for technology can drive you to a career in protecting companies and citizens from online criminals.



Cybersecurity Pathway

Course	Course Name	Credit Hours
ITSC 1325	Personal Computer Hardware	3
ITNW 1325	Fundamentals to Networking	3
ITNW 1354	Implementing & Supporting Servers	3
ITSY 1374	Secure Linux Administrations	3

Cybersecurity Occupational Skills Award

Course	Course Name	Credit Hours
ITSC 1325	Personal Computer Hardware	3
ITNW 1354	Implementing & Supporting Servers	3
ITNW 1325	Fundamentals to Networking	3

Cybersecurity Certificate I

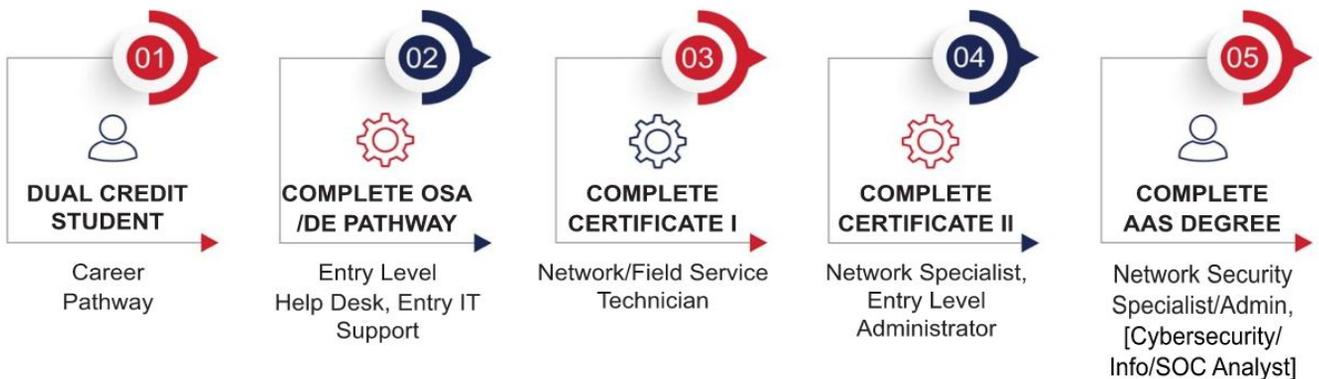
Course	Course Name	Credit Hours
ITSC 1325	Personal Computer Hardware	3
ITNW 1354	Implementing & Supporting Servers	3
ITNW 1325	Fundamentals to Networking	3
ITNW 2321	Networking with TCP/IP	3
ITSY 1374	Secure Linux Administrations	3

Cybersecurity Program of Study

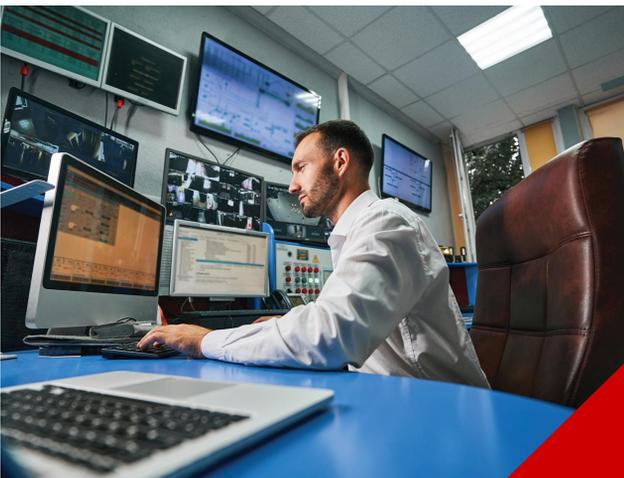
Are you interested in preventing cyber-crime? With TSTC's degree in Cybersecurity you will learn how to protect businesses and individuals online. In this program you will learn to protect computer systems against unauthorized access, modifications and destruction. Our Cybersecurity program prepares students for a variety of entry-level careers with practical, hands-on training.

TSTC AWARDS	Median Wage
Occupational Skills Award	\$10- \$12/Hour
Certificate I	\$12-\$13/Hour
Certificate II	\$14-\$17/Hour
Associate Degree	\$20-\$25/Hour

Cybersecurity Career Pathway



CAREER OPPORTUNITIES



In our Cybersecurity program, you will train to configure, troubleshoot, and maintain computer systems, virtualized environments and secure network communications. Most importantly you'll learn to analyze and recommend counter measures to mitigate security threats to systems/networks. You will also gain the skills to develop scripts for automating configuration and management of system/access controls to maintain secure systems at your job.

Industry-Based Certifications

- CompTIA Fundamentals

Cybersecurity Course Information (PEIMS)

Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
ITSC 1325 Personal Computer Hardware/ Internetworking Technologies I	N1302803 (1 credit)	None	None

Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
ITNW 1325 Fundamentals to Networking/ Internetworking Technologies II	N1302804 (1 credit)	Internetworking Technologies I	None
ITNW 1354 Implementing & Supporting Servers/ Networking Lab	13027410 (2 credits)	None	Networking w/ Lab

Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
ITSY 1374 Secure Linux Administration/ Cybersecurity Capstone	3580855 (1 credits)	Minimum of two high school Information Technology (IT) courses	None

FOR ADDITIONAL INFORMATION ON THE INFORMATION TECHNOLOGY CAREER CLUSTER,
PLEASE CONTACT: CTE@tea.texas.gov
<https://tea.texas.gov/cte>