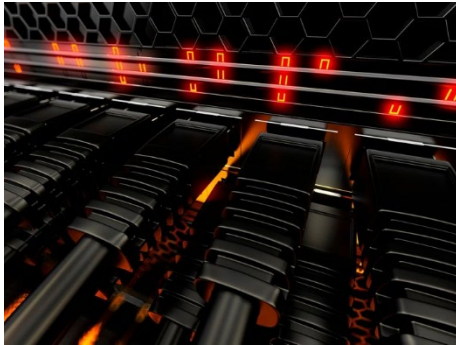


Technology Department programs are growing in popularity as information technology (IT) jobs explode throughout the region. Amazon, Facebook, Oracle, and SAIC are just a few tech employers recently arriving or expanding. Today, nearly every employer needs tech workers. Vol State programs give students the knowledge and skills to work in exciting IT fields such as cyber security, networking and systems administration, programming, and software design and development.



The Cyber Defense Concentration will focus on topics in cyber security and digital forensics. The students will learn how to fortify computer networks in order to prevent security breaches from cyber terrorists or other intruders. In addition, students will learn how to recover data using digital forensics techniques. Students will also develop strong critical thinking skills and will learn by doing within a hands-on lab environment along with real world internship experiences. Required courses are: Digital

Forensics, Network Security and Principles of Information Assurance.

Recommended Semester	Class
Fall, Junior Year	ENGL 1010 - English Composition I
Fall, Junior Year	CITC 1301 – Intro to Programming and Logic
Spring, Junior Year	CITC 1302 – Introduction to Networking
Spring, Junior Year	COMM 2045 – Public Speaking
Fall, Senior Year	ENGL 1020 - English Composition II
Fall, Senior Year	CITC 1320 – A+ Hardware and Software
Spring, Senior Year	CITC 1300 – Beginning HTML and CSS
Spring, Senior Year	INFS 1010 – Computer Applications

Beginning Your Career Pathway



To Do List:

- Discuss your Vol CIT goals with your high school counselor.
- Apply to Vol State at [Apply for Admission | Volunteer State Community College \(volstate.edu\)](https://www.volstate.edu/admission)
- Apply for the TSAC Grant at [TSAC Student Portal \(tn.gov\)](https://www.tn.gov/tsac)
- Schedule a tour with Vol State at [Campus Tour | Volunteer State Community College \(volstate.edu\)](https://www.volstate.edu/campus-tour)

Career and Salary Information

The following is a list of some of the career choices that may be obtained upon completion of this program. Please visit the following website www.onetonline.org or speak to an advisor for additional career opportunities, salary information and education requirements. Salaries are not guaranteed.

Career	Beginning Salary	Experienced Salary Median
Cyber Defense Security Analyst	\$37,980	\$76,250
Cyber Defense Security Analyst with Industry Certifications	\$62,000+	\$100,000+