

# CYBERSECURITY CERTIFICATE

Potential career paths for students pursuing a Computer Science certificate include computer and information systems manager and information security analyst.

- Degree Type: Certificate
- All required courses available online
- ITSC, ITNW, ITSY, ITMT, ITSE courses are offered only online
- TSI (coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/): not required

## This leads to the Cyber Security certificate.

OSAs prepare students for information technology jobs and feature capstone CompTIA or Microsoft certification exams. Professional certifications from CompTIA and Microsoft are a world-recognized information technology credentials sought by IT professionals and are often specified as required by companies seeking qualified new hire candidates. Visit [www.comptia.org](http://www.comptia.org) (<http://www.comptia.org/>) and/or [www.microsoft.com](http://www.microsoft.com) (<http://www.microsoft.com/>) for more information.

Course	Title	Hours
<b>Term One</b>		
<b>Fall Semester</b>		
ITSY-1300	Fundamentals of Information Security	3
ITNW-1325	Fundamentals of Networking Technologies	3
ITSC-1316	Linux Installation and Configuration	3
ITNW-1308	Implementing and Supporting Client Opera	3
ITNW-2356	Designing a Network Directory Infrastructure	3
	Hours	15
<b>Term Two</b>		
<b>Spring Semester</b>		
ITSY-2330	Intrusion Detection	3
ITSY-2359	Security Assessment and Auditing	3
ITSY-2342	Incident Response and Handling	3
ITSY-2301	Firewalls and Network Security	3
	Hours	12
	Total Hours	27

## *Courses in preparation for industry certification exams listed below*

- ITSC 1316 – Linux + Exam
- ITNW 2356 – Server 2016 Network Certification
- ITSY 2330 – PenTest+ Exam
- ITSY 2359 – CySA+ Exam