



Joel I. Kirch

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I spent over 20 years working for the U.S. Navy in a variety of roles; contractor, consultant and Civil Servant (twice). I have served in roles as: Computer Scientist, Network Security Engineer, Software Developer, and DevOps. I am currently pursuing my Doctorate of Engineering in Cybersecurity at Old Dominion University and I am an Associate Professor at Tidewater Community College where I teach Cyber Security, Information Technology and Networking courses in the Cyber Security program.

CERTIFICATIONS

*Offensive Security Certified
Pentester* (OSCP # OS-101-
021543)

*Certified Information
System Security
Professional* (CISSP #
80972)

EDUCATION

**D. ENG.,
CYBERSECURITY,**
OLD DOMINION
UNIVERSITY,
(EXPECTED
GRADUATION 2025).

**M.S., NETWORK
SECURITY,**
CAPITOL COLLEGE,
2006.

**B.S., INFORMATION
SCIENCE** (PHYSICS &
COMPUTER SCIENCE
DEPT),
CHRISTOPHER
NEWPORT UNIVERSITY,
2000.

A.S., SCIENCE,
THOMAS NELSON
COMMUNITY COLLEGE,
1999

ASSOCIATE PROFESSOR

Tidewater Community College

Virginia Beach, VA
January 2017 - Present

MAJOR ACHIEVEMENTS

- TCC Cybersecurity Range - Developing a web based online lab environment to facilitate the ITN101, ITN171, ITN260, ITN261, ITN262, and ITN263 courses.
- TCC Cybersecurity Club - Faculty Lead for the club, holding meetings every Friday evening, and participating in multiple CTF events.
- National Cyber League Coach - Supports students via TCC Cybersecurity Club meetings for practice and preparations for NCL events.

COURSES TAUGHT

- ITN 101: Introduction to Network Concepts
- ITN 106: Microcomputer Operating Systems
- ITN-170: Linux System Administration
- ITN-171: Introduction to Unix (using Linux)
- **ITN 261: Network Attacks, Computer Crime and Hacking**
- **ITN 262: Network Communication, Security, and Authentication**
- **ITN 263: Internet/Intranet Firewalls and E-Commerce Systems**
- ITN 267: Legal Topics in Network Security