

Cyber Security Analysis (CSA) – 1530X

2025-2026

Level 1 (14 weeks)

22hrs contact
*23 study hours

Threat Management
CST8801
3/3/4

Traffic Analytics
CST8802
2/2/4 H

Vulnerability Management
CST8803
2/2/5

Security Devices and Appliances
CST8804
2/2/4 H

Applied Cryptography
CST8805
2/2/6 H

Co-Op Education Readiness
GEP1001*
18Hrs/term

Level 2 (14 weeks)

21 hrs contact
*20 study hours

Digital Forensics
CST8806
2/2/4
PR= CST8802 & CST8803 H

Penetration Testing
CST8807
2/2/3
PR= CST8803 H

Cyber Incident Response
CST8808
2/2/4
PR= CST8801

Business Continuity and Disaster Recovery
CST8809
2/2/3 H

Capstone Project
CST8812
3/2/6
PR= CST8801, CST8802, CST8803, CST8804 & CST8805 H

Optional Level 3 (Co-Op)**

WKT8005
Work Term 1
(14 Weeks)

*GEP1001(18hrs) Cooperative Education Readiness is a Level 1 course that is part of the Co-Op stream.

Students successfully completing Levels 1 and 2, **plus meeting co-op qualifying criteria, are eligible for an optional co-op work placement term. While the Co-op Office offers significant assistance with this process, **NO** guarantee of co-op placement is made or inferred - all co-op offers are at the discretion of the prospective hiring employer.

Course Name
Course Number
Hours
(theory/lab/study*)
H = Hybrid

*Recommended number of study hours per week: this amount may vary depending on the individual.

***PR = Pre-requisite(s)**

This document is intended for guidance only. Please refer to the college calendar for current status.

Revised June 2025