CYT Curriculum Map - Cybersecurity and Threat Management (CYT)
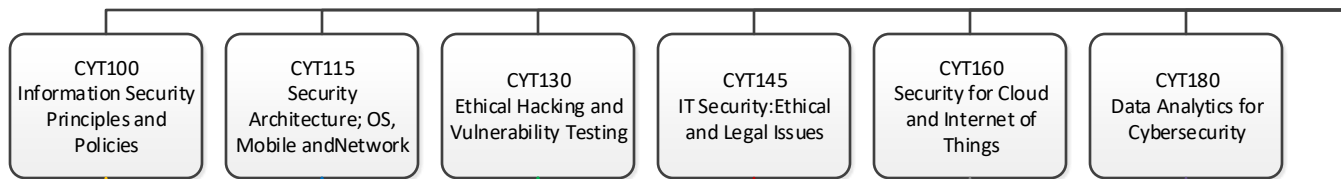
Cybersecurity and Threat Management (CYT)

Program Pre-Requisites

Ontario university/college degree or college diploma or equivalent in **Information Technology**. Applicants with an equivalent combination of partial postsecondary and/or three to five years of related work experience may be considered for admission. A relevant resumé and references must be provided.
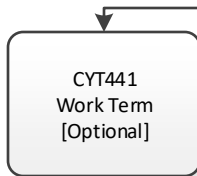
Semester 1 — F W

- CYT100 Information Security Principles and Policies
- CYT115 Security Architecture; OS, Mobile and Network
- CYT130 Ethical Hacking and Vulnerability Testing
- CYT145 IT Security: Ethical and Legal Issues
- CYT160 Security for Cloud and Internet of Things
- CYT180 Data Analytics for Cybersecurity

Semester 2 — W S

- CYT200 Communication Skills for Cybersecurity Professionals
- CYT215 IT Security Forensics
- CYT230 Mobile Application Security Assessment
- CYT250 Threat Investigation
- CYT260 Project Management
- CYT275 Authentication and Access Control
- CYT300 IT Security Capstone Project
- WTP100 WIL Professional Theory (optional)

Semester 3 — S F

- CYT441 Work Term [Optional]

F = Fall

W = Winter

S = Summer