

Graduate Program
Master of Information Technology Security (MITS)
Winter Start 2025

COURSE BASED GENERAL MITS				
S1 Winter	MITS 5300G OS Security	MITS 5400G Secure Software Systems		
S2 Summer	MITS 6100G Attack and Defense	MITS Elective		
S3 Fall	MITS 5200G Networks	MITS 5500G Cryptography and Secure Communications		
S4 Winter	MITS 6400G Biometrics			
S5 Summer		MITS 5600G Security Policies and Risk Management	MITS Elective	
S6 Fall	MITS 5100G Law and Ethics			MITS 5900G Seminar
<p>Students may request relevant 5000G or 6000G level courses in Information Technology, Computer Science, Electrical and Computer Engineering or Health Informatics as electives. The choice of elective must be approved by the Graduate program Director.</p>				

CAPSTONE BASED GENERAL MITS

S1 Winter	MITS 5300G OS Security	MITS 5400G Secure Software Systems		
S2 Summer	MITS 6100G Attack and Defense			
S3 Fall	MITS 5200G Networks	MITS 5500G Cryptography and Secure Communications		
S4 Winter	MITS 6400G Biometrics			
S5 Summer		MITS 5600G Security Policies and Risk Management	Capstone	
S6 Fall	MITS 5100G Law and Ethics		Capstone	MITS 5900G Seminar

Capstone projects are **limited and competitive**, not assigned nor guaranteed. In order to be eligible for Capstone I & II, students must have nine credit hours (3 courses), in MITS courses and/or permission from instructor. Capstone project must be 2 consecutive terms.

INTERNSHIP BASED GENERAL MITS

S1 Winter	MITS 5300G OS Security	MITS 5400G Secure Software Systems		
S2 Summer	MITS 6100G Attack and Defense			
S3 Fall	MITS 5200G Networks	MITS 5500G Cryptography and Secure Communications		
S4 Winter	MITS 6400G Biometrics		MITS 7000G Internship (could start)	
S5 Summer		MITS 5600G Security Policies and Risk Management	MITS 7000G Internship	MITS 5900G Seminar
S6 Fall	MITS 5100G Law and Ethics		No internship can be in this semester	OR MITS 5900G Seminar (if not completed in S25)

No internship is allowed in final semester because of tax rules. Internships are **limited and competitive** not assigned nor guaranteed. Internship must be at least 12 weeks full time or 420 hours in length. Students must have 12 credits (4 courses), been at Ontario Tech for 2 semesters, and have a CGPA of 3.0 before applying through the Student Life Portal. Students can secure their own internship with approval from the Graduate Program Director via FBIT's Internship Coordinator.