

OCIECE Winter 2025

Please consult the respective University website for the official time and location

University of Ottawa - <https://www.uottawa.ca/course-timetable/>

Carleton University – <https://www.central.carleton.ca>

Electrical & Computer Engineering					
Carleton Code	uOttawa Code	Course Title	Instructor	Campus	Mode
EACJ 5201 O	ELG 5103 W00	Optical Communication Systems	Hall	uOttawa	In Person
EACJ 5207 O	ELG 5161 W00	Robotics: Control, Sensing and Intelligence	Petriu	uOttawa	In Person
EACJ 5607 P	ELG 5374 W00	Computer Communication Network	Makrakis	uOttawa	In Person
EACJ 5105 O	ELG 5373 W00	Data Encryption	Adams	uOttawa	In Person
EACJ 5509 O	ELG 5378 W00	Image Processing and Image Communication	Zhao	uOttawa	In Person
SYSC 5301 O	ELG 6131 P00	Advanced Topics in Biomedical Engineering: Medical Diagnostic Engineering	Ali Abbas	uOttawa	In Person
SYSC 5301 W	ELG 6131 W00	Advanced Topics in Biomedical Engineering: Data Science for Biomedical Engineers	Ali Abbas	uOttawa	In Person
SYSC 5301 P	ELG 6131 X00	Advanced Topics in Biomedical Engineering: Medical Systems Innovation & Design	Ali Abbas	uOttawa	In Person
EACJ 5404 O	ELG 7100 W00	Topics In Electronics I: Moment Method	McNamara	uOttawa	In Person
EACJ 5209 O	ELG 7113 W00	Topics in Systems & Control I: Machine Learning for Adaptive & Intelligent Control	D. Spinello	uOttawa	In Person
EACJ 5605 O	ELG 7117 W00	Topics in Communication I: Mimo Communications	Loyka	uOttawa	In Person
EACJ 5006 O	ELG 7132 W00	Topics in Electronics I: Thin-Film Electronics & Display Technologies	Kim	uOttawa	In Person

Electronics

Carleton Code	uOttawa Code	Course Title	Instructor	Campus	Mode
ELEC 5401 W	ELG 6341 I00	Signal Integrity in High-Speed Designs - Modelling and Analysis	Ram Achar	Carleton	In Person
ELEC 5607 W	ELG 6367 I00	Fundamentals of Antenna Engineering	N. Javanbakht	Carleton	In Person
ELEC 5703 O	ELG 6373 I00	Advanced Topics in Solid State Devices and IC Technology : Introduction to Quantum Communication Engineering	Connor Kupchak	Carleton	In Person
ELEC 5801 W	ELG 6373 IA00	Advanced Topics in Solid State Devices & IC Technology: High-Speed and Low-Power VLSI	Maitham Shams	Carleton	In Person
ELEC 5803 W	ELG 6383 I00	CU: Behavioral Synthesis of ICS UO: Comp. Aided Design: Auto IC Syn. - same course	Arash Ahmadi	Carleton	In Person
ELEC 5807 W	ELG 6375 I00	Advanced Topics in VLSI: RF System Design	John Rogers	Carleton	In Person

Systems & Computer Engineering

Carleton Code	uOttawa Code	Course Title	Instructor	Campus	Mode
SYSC 5001 W	ELG 6101 I00	Simulation and Modeling	Sabouni	Carleton	In- person
SYSC 5101 W	ELG 6111 I00	Design of High Performance Software	Franks	Carleton	In- person
SYSC 5104 W	ELG 6114 I00	Methodologies For Discrete-Event Modeling and Simulation	Wainer	Carleton	In- person
SYSC 5108 W	ELG 6118 I00	Topics in Information Systems: Deep Learning	Huang	Carleton	On-Line
SYSC 5303 W	ELG 6393 I00	Interactive Networked Systems and Telemedicine	Liu	Carleton	In- person
SYSC 5304 W	ELG 5127 I00	Medical Imaging Modalities	Ono	Carleton	In- person
SYSC 5401 W	ELG 6141 I00	CU: Adaptive & Learning Systems UO: Adaptive Control	Schwartz	Carleton	In-person
SYSC 5407 W	ELG 5137 I00	Planning and Design of Computer Networks	St-Hilaire	Carleton	In- person
SYSC 5408 W	ELG 7178 I00	Topics in Communications II: Cross Layer Design for Wireless Networks	Ma	Carleton	In- person
SYSC 5602 W	ELG 6162 I00	Digital Signal Processing	Dansereau	Carleton	In- person
SYSC 5608 W	ELG 6168 I00	Wireless Communications Systems	Yanikomeroğlu	Carleton	In- person
SYSC 5702 W	ELG 7171 I00	Topics in Signal Processing: Sensor Fusion for Autonomous Systems	Atia	Carleton	In-Person

SYSC 5801 W	ELG 6181 I00	Advanced Topics in Computer Communications: Advanced Network Routing Technologies	Lung	Carleton	In-person
SYSC 5804 W	ELG 6184 I00	Advanced Topics in Communications Systems: 5G Networks	Huang	Carleton	In-person
SYSC 5805 W	ELG 6184 IA00	Advanced Topics in Communications Systems: Security Engineering	Jaskolka	Carleton	In-person
SYSC 5807 W	ELG 6187 I00	Advanced Topics in Computer Systems: Human-centric Privacy and Security	Assal	Carleton	In-person
SYSC 5807 X	ELG 6187 IA00	Advanced Topics in Computer Systems: Advanced Software Testing	Kahani	Carleton	In-person
SYSC 5807 Y	ELG 6187 IB00	Advanced Topics in Computer Systems: Cryptographic Implementations and Side-Channel Analysis	Taha	Carleton	In-person
SYSC 5807 Z	ELG 7113 IB00	CU: Advanced Topics in Computer Systems UO: Topics in Systems & Control Model Predictive Control Theory and Design	Shen	Carleton	In-Person

December 20, 2024