

OCIECE Fall 2020

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

University of Ottawa - www.timetable.uottawa.ca

Carleton University – www.central.carleton.ca

Electrical & Computer Engineering

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
EACJ 5211 O	ELG 5100A	Software Engineering Project Management	Shirmohammadi	uOttawa
EACJ 5204 O	ELG 5124A	Virtual Environments	Petriu	uOttawa
EACJ 5206 O	ELG 5126A	Source Coding & Data Compression	Zhao	uOttawa
EACJ 5207O	ELG5161A	Robotics: Control, Sensing & Intelligence	Gueaieb	uOttawa
EACJ 5501 O	ELG 5170A	Information Theory	Mao	uOttawa
EACJ 5104 O	ELG 5199A	Design of Multimedia Distributed Database Systems	Karmouch	uOttawa
SYSC 5709 O	ELG 5255A	Advanced Topics in Software Engineering: Applied Machine Learning	Kantarci	uOttawa
EACJ 5607 O	ELG 5374A	Computer Communication Network	Makrakis	uOttawa
EACJ 5506 O	ELG 5375A	Principles of Digital Communications	Galko	uOttawa
EACJ 5507 O	ELG 5376A	Digital Signal Processing	Bouchard	uOttawa
EACJ 5009 O	ELG 5383A	Survivable Optical Networks	Mouftah	uOttawa
SYSC 5302 O	ELG 6321A	Principles & Design of Advanced Biomedical Instrumentation	Bolic	uOttawa
ELEC 5609 O	ELG 6369A	Nonlinear Microwaves Devices & Effects	Yagoub	uOttawa
ELEC 5800 O	ELG 6380A	Theory of Semiconductor Devices	Hall	uOttawa
ELEC 5703 O	ELG 6397A	Advanced Topics in Solid State Devices and IC Technology: Solar Cells - Principles, Materials, Systems and Operation	Schriemer	uOttawa
EACJ 5600 O	ELG 7172B	Topics in Signal Processing I: Sensory Systems & Signal Processing	Dajani	uOttawa
EACJ 5605 O	ELG 7177A	Topics in Communications I - MIMO Communications	Loyka	uOttawa
EACJ 5606 O	ELG 7178A	Topics in Communications II: Wireless Ad Hoc Networking	Nayak	uOttawa
EACJ 5606 P	ELG 7178B	Topics in Communications - Molecular Communications & Biological Nano-Networks	Makrakis	uOttawa
EACJ 5808 O	ELG 7187A	Topics in Computers II: Software Defined Networks & Cloud	Karmouch	uOttawa

Electronics

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
ELEC 5200	ELG 6320	Advanced Topics in Integrated Circuits and Devices – Electrical Distribution Systems	Liu	Carleton
ELEC 5301	ELG 6373A	Silicon Photonics	Ye	Carleton
ELEC 5401	ELG 6375B	Signal Integrity in High-Speed Designs: Modeling and Analysis	Achar	Carleton
ELEC 5404	ELG 6344	Neural Networks for High-Speed/High-Frequency Circuit Design	Zhang	Carleton
ELEC 5405	ELG 6340	Advanced Linear and Nonlinear Circuit Theory and Applications	Nakhla	Carleton
ELEC 5707	ELG 6377	Microsensors and MEMS	Prakash	Carleton
ELEC 5701	ELG 6373B	Fibre and Waveguide Components for Communications and Sensors	Mnaimneh	Carleton
ELEC 5709	ELG 6379	Advanced Topics in Electromagnetics - Lasers	Smelser	Carleton
ELEC 5804	ELG6375IC	VLSI Design	MacEachern	Carleton

Systems & Computer Engineering

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
SYSC 5104 A	ELG 6114	Methodologies For Discrete-Event Modeling And Simulation	Wainer	Carleton
SYSC 5105 F	ELG 6115	Software Quality Engineering and Management	TBD	Carleton
SYSC 5207 F	ELG 6127	Distributed Systems Engineering	Majumdar	Carleton
SYSC 5307 F	ELG 6131 IF0	Biological Signals	Wallace	Carleton
SYSC 5403 F	ELG 6143	Network Access Techniques	Hafez	Carleton
SYSC 5500 F	ELG 6189	Designing Secure Networking and Computer Systems	Matrawy	Carleton
SYSC 5503 F	ELG 5119	Stochastic Processes	Banihashemi	Carleton
SYSC 5703 F	ELG 6173I	Integrated Database and Cloud Systems	Ajila	Carleton
SYSC 5704 F	ELG6176IF	Analytical Performance Models of Computer Systems	TBD	Carleton
SYSC 5709F	ELG6179IF	Advanced Topics in Software Engineering: Software Development With C	Martin	Carleton