

OCIECE Winter 2021

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 5201 O	ELG 5103A	Optical Communication Systems	Hall	uOttawa
EACJ 5003 O	ELG 5106A	Fourier Optics	Hall	uOttawa
EACJ 5109 O	ELG 5119 A	Stochastic Processes	Galko	Uottawa
EACJ 5100 O	ELG 5163A	Machine Vision	Payeur	uOttawa
EACJ 5705 O	ELG 5195A	Digital Logic Design: Principles and Practices	Groza	uOttawa
EACJ 5600 P	ELG 5218 A	Topics in Signal Processing I: Uncertainty Evaluation in Engineering Measurements & Machine Learning	Bolic	uOttawa
EACJ 5800 O	ELG 5377A	Adaptive Signal Processing	Bouchard	uOttawa
EACJ 5509 O	ELG 5378A	Image Processing and Image Communication	Zhao	uOttawa
EACJ 5004 O	ELG 5381A	Photonics Networks	Mouftah	uOttawa
EACJ 7116 O	ELG 6108A	Introduction to Convex Optimization	Loyka	uOttawa
EACJ 5006 O	ELG 6320A	Topics in Electronics I / Advanced Topics in Integrated Circuits and Devices - 3D & 2D Printing Material Devices	Jabbour	uOttawa
ELEC 5702 O	ELG 6372	Principles of Photonics: Optical Electronics	Schriemer	uOttawa
EACJ 5404 O	ELG 7100A	Topics In Electromagnetics I:Method of Moments	McNamara	uOttawa

Electronics

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
EACJ 5007	ELG 7132 IW00	Topics in Electronics II – Signal Sources in Telecommunications & Radar	Nicholls	Carleton
EACJ 5131	ELG7100 IW00	Topics in Electromagnetics – Wireless power transfer and energy	Amaya	Carleton
ELEC 5200X	ELG 6320	Advanced Topics in Integrated Circuits and Devices- Advanced Power Systems Analysis	Wang	Carleton
ELEC 5402	ELG 6342	Introduction to Electronic Design Automation Algorithms and Techniques	Gunupudi	Carleton
ELEC 5508	ELG 6358	Computer Methods for Analysis and Design of VLSI Circuits	Nakhla	Carleton
ELEC 5705	ELG 6376	Submicron CMOS and BiCMOS Circuits for Sampled Data Applications	Rogers	Carleton
ELEC 5709	ELG 6379	Advanced Topics in Electromagnetics – Foundations for Guided-Wave Optics	Albert	Carleton
EACJ 5209	ELG 7113	Topics in Systems & Control I – Electric Motor Drives	Chaoui	Carleton
ELEC 5801	ELG 5381	High-Speed and Low-Power VLSI	Shams	Carleton

Systems & Computer Engineering

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
SYSC 5001 W	ELG 6101	Simulation and Modeling	Farooq	Carleton
SYSC 5004 W	ELG 6104	Optimization for Engineering Applications	Talim	Carleton
SYSC 5101 W	ELG 6111	Design of High Performance Software	Franks	Carleton
SYSC 5103 W	ELG 6113	Software Agents	Esfandiari	Carleton
SYSC 5202 W	ELG6131 IW00	Applications in Biomedical Image Processing	Guidolin	Carleton
SYSC 5303 A	ELG 6393	Interactive Networked Systems and Telemedicine	Liu	Carleton
SYSC 5304 W	ELG 5127	Medical Image Processing	Ono	Carleton
SYSC 5401 W	ELG 6141	Adaptive and Learning Systems	Schwartz	Carleton
SYSC 5405 W	ELG 6102	Pattern Classification and Experiment Design	TBD	Carleton
SYSC 5407 W	ELG 5137	Planning and Design of Computer Networks	TBD	Carleton
SYSC 5408 W	ELG 5138	Cross Layer Design for Wireless Networks	TBD	Carleton

SYSC 5602 W	ELG 6162	Digital Signal Processing	Rajan	Carleton
SYSC 5605 W	ELG 6165	Advanced Digital Communication	Gohary	Carleton
SYSC 5608 W	ELG 6168	Wireless Communications Systems Engineering	Yanikomeroglu	Carleton
SYSC 5801 W	ELG 6181 W	Advanced Topics in Computer Communications: Advanced Network Routing Technologies	Lung	Carleton
SYSC 5801 X	ELG 6181 X	Advanced Topics in Computer Communications: The Internet of Things	Ibnkahla	Carleton
SYSC 5807 V	ELG 6187 V	Advanced Topics in Computer Systems: Cryptographic Implementations and Side-Channel Analysis	Taha	Carleton
SYSC 5807 W	ELG 6187 W	Advanced Topics in Computer Systems: Sensor Fusion for Autonomous Systems	Atia	Carleton
SYSC 5807 X	ELG 6187 X	Advanced Topics in Computer Systems: Security Engineering	Jaskolka	Carleton
SYSC 5807 Y	ELG 6187 Y	Advanced Topics in Computer Systems: Resource Management on Distributed Systems	Majumdar	Carleton
SYSC 5807 Z	ELG 6187 Z	Advanced Topics in Computer Systems: Hardware/Software Co-Design	Garcia	Carleton