

OCIECE Fall 2016

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

Computer Aided Design for Electronic Circuits

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
EACJ 5006	ELG 7132 D	Topics in Electronics I: Simulation of Radio Frequency Integrated Circuits	Gad	UOttawa
ELEC 5401 F	ELG 6374 I	Advanced Topics in CAD: Signal Integrity in High-Speed Designs: Modeling and Analysis	Achar	Carleton
ELEC 5402 F	ELG 6342 I	Introduction to Electronic Design Automation Algorithms and Techniques	Gunupudi	Carleton
ELEC 5508 F	ELG 6358 I	Computer Methods for Analysis and Design of VLSI and Communication	Nakhla	Carleton

Computer Communications, Distributed Systems, & Multimedia

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
EACJ 5606	ELG 7178A	Topics in Communication II: Wireless Ad Hoc Networking	Nayak	U Ottawa
EACJ 5369	ELG 5369	Internetworking Technologies	Ionescu	U Ottawa
EACJ 5607	ELG 5374	Computer Communication Networks	TBD	U Ottawa
SYSC 5207	ELG 6127 I	Distributed Systems Engineering	Majumdar	Carleton
SYSC 5408	ELG 5138 I	Cross Layer Design Wireless Network	Yu	Carleton
SYSC 5500	ELG 6189 I	Designing Secure Networking and Computer Systems	Matrawy	Carleton
SYSC 5502	ELG 6152 I	Advanced Linear Systems	Rajan	Carleton
SYSC 5801	ELG 6181 I	Advance Topics in Computer Communications	Huang	Carleton

ELEC 5606 F	ELG 6366 I	Phase-Locked Loops and Receiver Synchronizers	Wight	Carleton
ELEC 5607 F	ELG 6367 I	Fundamentals of Antennas	Petosa	Carleton
ELEC 5705 F	ELG 6375I	Advanced Topics in VLSI	Rogers	Carleton

Computer & Software Engineering

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
EACJ 5204	ELG 5124	Virtual Environments	Lang	U Ottawa
SYSC 5104	ELG 6114 I	Methodologies For Discrete-Event Modeling And Simulation	Wainer	Carleton
SYSC 5503	ELG 6153 I	Stochastic Processes	Banihashemi	Carleton
SYSC 5703	ELG 6173 I	Integrated Database Systems	Ajila	Carleton
ELEC 5708 A	ELG 6378 I	ASIC for Telecommunications	Kwasniewski	Carleton
ELEC 5808 F	ELG 6388	Signal Processing Electronics	Mason	Carleton

Digital & Optical Communications

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
EACJ 5206	ELG 5126	Source Coding and Data Compression	Zhao	U Ottawa
EACJ 5501	ELG 5170	Information Theory	Mao	U Ottawa
EACJ 5506	ELG 5375	Principles of Digital Communication	Galko	U Ottawa
EACJ 5131	ELG 5131	Graphical Models	Mao	U Ottawa
EACJ 5504	ELG 5372	Error Control Coding	Yongacoglu	U Ottawa
SYSC 5606	ELG 6166 I	Intro to Mobile Communications	El-Tanany	Carleton

Integrated Circuits and Devices

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
---------------	---------------	--------------	------------	--------

ELEC 5804 F	ELG 6384 I	VLSI Design	MacEachern	Carleton
-------------	------------	-------------	------------	----------

Microwaves & Electromagnetics

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
---------------	---------------	--------------	------------	--------

EACJ 5404	ELG 7100 D	Topics in Electromagnetics I : Finite Element Methods in EM Modelling	McNamara	UOttawa
ELEC 5709 A	ELG 6379 I	Advanced Topics in Electromagnetic	Smelser	Carleton

Signal, Speech & Image Processing

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
---------------	---------------	--------------	------------	--------

EACJ 5507	ELG 5376	Digital Signal Processing	Bouchard	U Ottawa
EACJ 5385	ELG 5385	Matrix Methods and Algorithms for Signal Processing	Yongacoglu	U Ottawa

Systems & Machine Intelligences

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
---------------	---------------	--------------	------------	--------

SYSC 5004	ELG 6104 I	Optimization for Engineering Application	Chinneck	Carleton
-----------	------------	--	----------	----------

Biomedical Engineering

Carleton Code	U Ottawa Code	Course Title	Instructor	Campus
---------------	---------------	--------------	------------	--------

SYSC 5307	ELG 6131 I	Advanced Topics in Biomedical Engineering: Biological Signals	Chan	Carleton
SYSC 5302	ELG 6321	Principles and Design of Advanced Biomedical Instrumentation	Bolic	U Ottawa