## Electrical Engineering - Joint (EACJ)

### Electrical Engineering - Joint (EACJ) Courses

- **EACJ 5002 [0.5 credit]**
  Advanced Channel Coding

- **EACJ 5003 [0.5 credit]**
  Fourier Optics

- **EACJ 5004 [0.5 credit]**
  Photonics Networks

- **EACJ 5005 [0.5 credit]**
  Knowledge-Based Systems
  Includes: Experiential Learning Activity

- **EACJ 5006 [0.5 credit]**
  Topics in Electronics I

- **EACJ 5007 [0.5 credit]**
  Topics in Electronics II

- **EACJ 5008 [0.5 credit]**
  Sujets choisis en electronique

- **EACJ 5009 [0.5 credit]**
  Survivable Optical Networks

- **EACJ 5100 [0.5 credit]**
  Machine Vision

- **EACJ 5101 [0.5 credit]**
  Directed Studies

- **EACJ 5102 [0.5 credit]**
  Intro to Embedded Systems

- **EACJ 5103 [0.5 credit]**
  Parallel Processing with VLSI

- **EACJ 5104 [0.5 credit]**
  Distributed Database Systems

- **EACJ 5105 [0.5 credit]**
  Secure Comm and Data Encryption

- **EACJ 5106 [0.5 credit]**
  Stochastic Systems

- **EACJ 5107 [0.5 credit]**
  Multimedia Communications

- **EACJ 5108 [0.5 credit]**
  Switching and Traffic Theory

- **EACJ 5109 [0.5 credit]**
  Stochastic Processes

- **EACJ 5131 [0.5 credit]**
  Topics in Electromagnetics

- **EACJ 5132 [0.5 credit]**
  Smart Antennas

- **EACJ 5133 [0.5 credit]**
  Intro to Mobile Communications

- **EACJ 5200 [0.5 credit]**
  Queuing Systems

- **EACJ 5201 [0.5 credit]**
  Optical Communications Systems

- **EACJ 5202 [0.5 credit]**
  Analysis/Perf Eval: Comp Comm

- **EACJ 5203 [0.5 credit]**
  Distributed System Software

- **EACJ 5204 [0.5 credit]**
  Virtual Environments
  Includes: Experiential Learning Activity

- **EACJ 5205 [0.5 credit]**
  Quality Service Mgmt/Multimed

- **EACJ 5206 [0.5 credit]**
  Source Coding and Data Compress.

- **EACJ 5207 [0.5 credit]**
  Robotics:Control/Sensing/Intel

- **EACJ 5208 [0.5 credit]**
  Wireless Ad Hoc Networking

- **EACJ 5209 [0.5 credit]**
  Topics in Systems and Control I

- **EACJ 5211 [0.5 credit]**
  Software Engineering Proj Mgmt

- **EACJ 5300 [0.5 credit]**
  Topics in Systems and Control II

- **EACJ 5301 [0.5 credit]**
  Sujets choisis en systemes

- **EACJ 5303 [0.5 credit]**
  Health Care Engineering

- **EACJ 5305 [0.5 credit]**
  Electromagnetic Compatibility

- **EACJ 5308 [0.5 credit]**
  Sujets choisis electromagnetiq

- **EACJ 5360 [0.5 credit]**
  Digital Watermarking

- **EACJ 5369 [0.5 credit]**
  Internetworking Technologies

- **EACJ 5384 [0.5 credit]**
  Network Security and Cryptography
EACJ 5385 [0.5 credit]  
Matrix Method and Algorithmic Procedures

EACJ 5386 [0.5 credit]  
Neural Networks and Fuzzy Systems

EACJ 5401 [0.5 credit]  
Electromagnetic Waves

EACJ 5402 [0.5 credit]  
Numerical Methods: Electromagnetics

EACJ 5403 [0.5 credit]  
Ondes Electromagnétiques

EACJ 5404 [0.5 credit]  
Topics in Electromagnetics I

EACJ 5405 [0.5 credit]  
Topics in Electromagnetics II

EACJ 5406 [0.5 credit]  
Methodes numeriques en genie

EACJ 5500 [0.5 credit]  
Digital Comm by Satellite

EACJ 5501 [0.5 credit]  
Information Theory

EACJ 5503 [0.5 credit]  
Detection and Estimation

EACJ 5504 [0.5 credit]  
Error Control Coding

EACJ 5506 [0.5 credit]  
Principles of Digital Comm

EACJ 5507 [0.5 credit]  
Digital Signal Processing

EACJ 5508 [0.5 credit]  
Traitement numer des signaux

EACJ 5509 [0.5 credit]  
Image Proc and Image Comm

EACJ 5600 [0.5 credit]  
Topics in Signal Processing I

EACJ 5601 [0.5 credit]  
Topics in Signal Processing II

EACJ 5603 [0.5 credit]  
Topics in Signal Processing 3

EACJ 5605 [0.5 credit]  
Topics in Communications I

EACJ 5606 [0.5 credit]  
Topics in Communications II

EACJ 5607 [0.5 credit]  
Computer-Communication Network

EACJ 5702 [0.5 credit]  
Sujets choisis en telecommun

EACJ 5703 [0.5 credit]  
Reliable Digital Systems
Includes: Experiential Learning Activity

EACJ 5704 [0.5 credit]  
Advanced Digital Communication

EACJ 5705 [0.5 credit]  
Digital Logic Design

EACJ 5706 [0.5 credit]  
Data Mining and Concept Learning
Also listed as COMP 5706.

EACJ 5709 [0.5 credit]  
Neural Networks and Fuzzy System

EACJ 5800 [0.5 credit]  
Adaptive Signal Processing

EACJ 5807 [0.5 credit]  
Topics in Computers I

EACJ 5808 [0.5 credit]  
Topics in Computers II

EACJ 5900 [0.5 credit]  
Sujets choisis sur les ordinateurs

EACJ 7116 [0.5 credit]  
Signal Proc: Intr Convex Optim

Summer session: some of the courses listed in this Calendar are offered during the summer. Hours and scheduling for summer session courses will differ significantly from those reported in the fall/winter Calendar. To determine the scheduling and hours for summer session classes, consult the class schedule at central.carleton.ca

Not all courses listed are offered in a given year. For an up-to-date statement of course offerings for the current session and to determine the term of offering, consult the class schedule at central.carleton.ca