

# Electrical Engineering - Joint (EACJ)

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## 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

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 électronique

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 & Data Encryption

EACJ 5106 [0.5 credit]  
Stochastic Systems

EACJ 5107 [0.5 credit]  
Multimedia Communications

EACJ 5108 [0.5 credit]  
Switching & 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

EACJ 5205 [0.5 credit]  
Quality Service Mgmt/Multimed

EACJ 5206 [0.5 credit]  
Source Coding & 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 & Control I

EACJ 5211 [0.5 credit]  
Software Engineering Proj Mgmt

EACJ 5300 [0.5 credit]  
Topics in Systems & Control II

EACJ 5301 [0.5 credit]  
Sujets choisis en systèmes

EACJ 5303 [0.5 credit]  
Health Care Engineering

EACJ 5305 [0.5 credit]  
Electromagnetic Compatibility

EACJ 5308 [0.5 credit]  
Sujets choisis électromagnétiques

EACJ 5360 [0.5 credit]  
Digital Watermarking

EACJ 5369 [0.5 credit]  
Internetworking Technologies

EACJ 5384 [0.5 credit]  
Network Security & Cryptography

EACJ 5385 [0.5 credit]  
Matrix Method & Algor Sign Proce

**EACJ 5386 [0.5 credit]**  
**Neural Networks & Fuzzy System**

**EACJ 5401 [0.5 credit]**  
**Electromagnetic Waves**

**EACJ 5402 [0.5 credit]**  
**Numerical Methods: Electromag**

**EACJ 5403 [0.5 credit]**  
**Ondes Electromagnetiques**

**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 & 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**

**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 & 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 ordinat**

**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](http://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](http://central.carleton.ca)