

# 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 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 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 Securityand Cryptography

**EACJ 5385 [0.5 credit]**  
**Matrix Method and Algor Sign Proce**

**EACJ 5386 [0.5 credit]**  
**Neural Networks and 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 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 ordinat**

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