

# Electrical Engineering - Joint (EACJ)

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## Electrical Engineering - Joint (EACJ) Courses

EACJ 5003 [0.5 credit]  
Fourier Optics

EACJ 5004 [0.5 credit]  
Photonics Networks

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 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 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 systèmes

<b>EACJ 5308 [0.5 credit]</b> <b>Sujets choisis electromagnetiq</b>	<b>EACJ 5508 [0.5 credit]</b> <b>Traitement numer des signaux</b>
<b>EACJ 5360 [0.5 credit]</b> <b>Digital Watermarking</b>	<b>EACJ 5509 [0.5 credit]</b> <b>Image Proc and Image Comm</b>
<b>EACJ 5369 [0.5 credit]</b> <b>Internetworking Technologies</b>	<b>EACJ 5600 [0.5 credit]</b> <b>Topics in Signal Processing I</b>
<b>EACJ 5384 [0.5 credit]</b> <b>Network Security and Cryptography</b>	<b>EACJ 5601 [0.5 credit]</b> <b>Topics in Signal Processing II</b>
<b>EACJ 5385 [0.5 credit]</b> <b>Matrix MethodandAlgor Sign Proce</b>	<b>EACJ 5603 [0.5 credit]</b> <b>Topics in Signal Processing 3</b>
<b>EACJ 5386 [0.5 credit]</b> <b>Neural Networks and Fuzzy System</b>	<b>EACJ 5605 [0.5 credit]</b> <b>Topics in Communications I</b>
<b>EACJ 5401 [0.5 credit]</b> <b>Electromagnetic Waves</b>	<b>EACJ 5606 [0.5 credit]</b> <b>Topics in Communications II</b>
<b>EACJ 5402 [0.5 credit]</b> <b>Numerical Methods: Electromag</b>	<b>EACJ 5607 [0.5 credit]</b> <b>Computer-Communication Network</b>
<b>EACJ 5404 [0.5 credit]</b> <b>Topics in Electromagnetics I</b>	<b>EACJ 5702 [0.5 credit]</b> <b>Sujets choisis en telecommun</b>
<b>EACJ 5405 [0.5 credit]</b> <b>Topics in Electromagnetics II</b>	<b>EACJ 5703 [0.5 credit]</b> <b>Reliable Digital Systems</b> Includes: Experiential Learning Activity
<b>EACJ 5500 [0.5 credit]</b> <b>Digital Comm by Satellite</b>	<b>EACJ 5704 [0.5 credit]</b> <b>Advanced Digital Communication</b>
<b>EACJ 5501 [0.5 credit]</b> <b>Information Theory</b>	<b>EACJ 5705 [0.5 credit]</b> <b>Digital Logic Design</b>
<b>EACJ 5503 [0.5 credit]</b> <b>Detection and Estimation</b>	<b>EACJ 5709 [0.5 credit]</b> <b>Neural Networks and Fuzzy System</b>
<b>EACJ 5504 [0.5 credit]</b> <b>Error Control Coding</b>	<b>EACJ 5800 [0.5 credit]</b> <b>Adaptive Signal Processing</b>
<b>EACJ 5506 [0.5 credit]</b> <b>Principles of Digital Comm</b>	<b>EACJ 5807 [0.5 credit]</b> <b>Topics in Computers I</b>
<b>EACJ 5507 [0.5 credit]</b> <b>Digital Signal Processing</b>	<b>EACJ 5808 [0.5 credit]</b> <b>Topics in Computers II</b>

**EACJ 5900 [0.5 credit]**  
**Sujets choisis sur les ordinat**

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