

Embedded Systems Design

CURSO

PRE-REQ.

ICOM 4217
EMBEDDED
SYSTEMS DESIGN 4 CR.

(INEL4206 ,
INEL4207) OR DIR

ICOM 5015
ARTIFICIAL
INTELLIGENCE

ICOM 4035
OR
DIR

ICOM 5995
SPECIAL
PROBLEMS

DIR

INEL 4202
ELECTRONICS II

INEL 4201,
INEL 4102

INEL 4218
INTEGRATED
CIRCUIT ENG

INEL 4201,
INEL 4105

INEL4505
INTR TO CONTROL
SYSTEMS

MATE 4009
INEL 4102

INEL 5206
DIGITAL SYSTEMS
DESIGN

INEL4207
OR DIR

INEL 5207
ANALOG SYSTEMS
DESIGN

INEL4201,
INEL 4205
OR DIR

INEL 5265
ANALOG INTE
CIRCUIT DESIGN

INEL4201,
INEL 4205
OR DIR



Computing Systems

CURSO

PRE-REQ.

ICOM 4009
SOFTWARE
ENGINEERING

ICOM 4035

ICOM 4017
COMPUTER-BASED
INFORMATION
SYSTEMS

ICOM 4035

ICOM 4029
COMPILER
CONSTRUCTION

ICOM 4036

ICOM 4036
STRUCTURE AND
PROPERTIES OF
PROGRAMMING
LANGUAGES

ICOM 4035

ICOM 4038
ALGORITHM DESIGN &
ANALYSIS

ICOM 4035

ICOM 4066
SOFTWARE
PROJECT
MANAGEMENT

ICOM 4009

ICOM 5016
DATABASE
SYSTEMS

ICOM 4035 OR
DIR

ICOM 5025
OBJECT ORIENTED
SOFTWARE
DEVELOPMENT

ICOM 4035 OR
DIR

Universidad de Puerto Rico
Recinto de Mayagüez

Ingeniería de Computadoras

Oficina S-224

horario:

7:45am-11:45am

1:00pm-4:30pm

Para más información
sobre nosotros, visita:
<https://ece.uprm.edu/>



MARITZA
FIGUEROA CURET



EUNICE
OLIVERO CONCEPCION



CYBERPHYSICAL SYSTEMS & INTERNET OF THINGS

CURSO

PRE-REQ.

ICOM 4308
NETWORKING AND
ROUTING FUNDAMENTALS

MATE 3063

ICOM 5015
ARTIFICIAL
INTELLIGENCE

ICOM 4035

ICOM 5016
DATABASE SYSTEMS

ICOM 4035

ICOM 5018
CRIPTOGRAPHY AND
NETWORK SECURITY

ICOM 5007

INEL4505
INTRODUCTION TO
CONTROL SYSTEMS

MATE 4009
INEL 4102

INEL 5046
MACHINE LEARNING AND
PATTERN RECOGNITION

MATE 4009
INEL 4102

INEL 5516
PROCESS
INSTRUMENTATION AND
CONTROL ENGINEERING

INEL 4206 OR
ININ 4057 OR DIR



CYBERSECURITY AND NETWORKING

CURSO

PRE-REQ.

ICOM 4308
NETWORKING AND
ROUTING FUNDAMENTALS

MATE 3063
OR DIR

ICOM 5017
OPERATING SYSTEM AND
NETWORK ADMINISTRATION
AND SECURITY

INEL 4307
ICOM 5007
OR DIR

ICOM 5018
CRIPTOGRAPHY AND
NETWORK SECURITY

ICOM 5007
OR DIR

ICOM 5026
COMPUTER
NETWORKS

ICOM 5007
OR DIR

ICOM 5318
ROUTING, SWITCHING AND
WIDE AREA NETWORKS

INEL 4308 OR ICOM OR
SICI 4308 OR COMPR
4308 OR DIR

INEL 4307
COMMUNICATION
BETWEEN COMPUTERS

(INEL 4095 OR
INEL 4301)
INEL 4206
ININ 4010

INEL 5616
WIRELESS
COMMUNICATIONS

(INEL4155 OR INEL 4152)
(INEL 4095 OR INEL 4301)
DIR

ININ 5006
SYSTEMS ENGINEERING
AND ANALYSIS

ININ 4015 OR ININ 4007
OR INCI 4055 OR INCI
4026
OR DIR



MULTIMEDIA AND DIGITAL SIGNAL PROCESSING



CURSO

PRE-REQ.

ICOM 5015
ARTIFICIAL
INTELLIGENCE

ICOM 4035

ICOM 5035
COMPUTER
GRAPHICS

ICOM 4035
OR DIR

INEL 5046
MACHINE LEARNING
AND PATTERN
RECOGNITION

MATE 4009
INEL 4102

INEL 5206
DIGITAL SYSTEMS
DESIGN

INEL 4207
OR DIR

INEL 5309
DIGITAL SIGNAL
PROCESSING

INEL 4095 OR
DIR

INEL 5315
THEORY OF
COMMUNICATIONS II

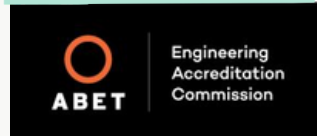
INEL 4301, ININ
4011 OR DIR

INEL 5327
IMAGE
PROCESSING

INEL 4095 OR INEL
5309 OR
DIR

INEL 4095
SIGNALS
AND SYSTEMS

MATE 4009
INEL 4102



The BS in Computer Engineering is
accredited by the Engineering
Accreditation Commission of ABET
under the commission's General
Criteria

