

ICOM 5047: Computer Engineering Design, Spring 2018
Electrical and Computer Engineering Department
University of Puerto Rico, Mayagüez Campus
Professors: Isidoro Couvertier, Nayda Santiago
Teaching Assistants: Cesar Aceros and Victor Lugo

Classes meet on Tues and Thur 9:00am to 10:15am in S123 and Wed from 10:30am to 12:20pm in Eugene Francis.

Workshop Dates & Place (during class time or otherwise listed)

Date	Topic	Speaker
Feb 14, 2018	1st day, Introduction to capstone	Course Professors
Saturday Feb 17, 2018, S123, 8am to 12 (mediodia)	Discovery, Interpretation, Ideation, Problem Solving, Decision Making, Project Management	Course Professors
Feb 21, 2018	Systems Design	Axel Claudio, Alex Gonzalez, Raytheon– Invited Speakers
TBD	Information Literacy	Jaquelina Alvarez – Invited Speaker
TBD	Environmental Impact	Rocio Suarez – Invited Speaker
TBD	Software Engineering in Puerto Rico	Angel Perez – Invited speaker
TBD	Other seminars according to needs	TBD

All dates are subject to change. Additional workshops may be scheduled during the semester.

Important Dates:

All sections will present in the same room. Presentations are formal. Oral exam is an individual exam.

Date	Item Due
Feb 14, 2018	First day of classes
Feb 17, 2018	Capstone Bootcamp (optional), S123, 8am to 12
Feb 27 and 28, 2018	Project Proposal Oral Presentation
Mar 2, 2018	Project Proposal Due, via ecourses, 11:55pm
Mar 20, 2018	Progress Report Due, via ecourses, 11:55pm
Mar 21 & 22, 2018	Progress Report Oral Presentation
Mar 23 to 28, 2018	Oral Exam 1 (Happy Hour 1), Design completed
Apr 2 to 5, 2018	Take IRB course
Apr 11, 2018	Last day for IRB submission for those projects requiring it
Apr 23 to 26, 2018	Oral Exam 2 (Happy Hour 2), Individual modules tested, all completed
May 4, 2018	Last day withdrawals from the course
TBD	Open Capstone Posters Due
May 14 to 18, 2018	Oral Exam 3 (Happy Hour 3), Integration completed
May 21, 2018	Video of project due
May 22 to 24, 2018	Final project Oral presentations, project demonstrations
May 24, 2018	Last day of classes
May 25, 2018	Turn in all parts, clean stations
TBD	Open Capstone Poster Session
May 29, 2018	Final Report Due, via ecourses, 11:55pm
May 30, 2018	Due date to turn in project parts and equipment. Clean area. Lab closes.
May 30, 2018	Final date for Client approval of product.

All dates are subject to change. Please note that Oral Exams last several days.

Definitions:

Thursday Madness: During the semester students may be asked to report on weekly progress during the last hour of the Thursday class. This was called by students the *Thursday Madness*.

Happy Hours: Oral exams are called by students *Happy Hours*. Not happy and not one hour.

Details and additional information:

- All groups will participate in the Open Capstone poster session.
- One professor will shepherd each group. Other faculty may also participate.
- All reports are submitted via ecourses and have a due date and time. After the due date and time you will not be able to submit. No other means of submission will be allowed.
- Homeworks will be submitted via ecourses. These are individual homeworks.
- All team members must be present during oral exam, however, exams are individual exams. Updated Gantt chart must be presented at the beginning of the oral exam. Testing plans with completed tests and updated documentation will be requested at the oral exams.
- Web page: <http://ece.uprm.edu/~icom5047/>
 - List of materials that can be borrowed for projects is on the course web page.
- Office Hours:
 - Isidoro Couvertier: Tue 4:00PM-5:00PM, Thu 4:30PM-5:00PM, Wed: 8:00AM-10:30AM, 1:00PM-3:00PM o por acuerdo en Stefani 122.
 - Nayda Santiago: TBD, en Stefani 413
 - Cesar Aceros: Por acuerdo, contactar via cesar.aceros@upr.edu en Stefani 123
 - Victor E. Lugo: Por acuerdo, contactar via victor.lugo3@upr.edu en Stefani 123