



THE COLLEGE OF ENGINEERING (CoE) AT UPRM

Is one of the four major colleges in the University of Puerto Rico at Mayagüez. The CoE has an enrollment of about 4,500 students (90% undergrads – 10% grads) in its six departments.

According to the American Society for Engineering Education (ASEE), the CoE is first producer of Hispanic engineers in the US and fifth in the percent of degrees awarded to women. The CoE offers the following academic programs:

- **Civil Engineering & Surveying Department**
- BS, MS/ME, Ph.D. in Civil Engineering
- BS in Surveying & Topography
- **Chemical Engineering Department**
- BS, MS/ME, Ph.D.
- **Electrical and Computer Engineering Department**
- BS, MS/ME, (Ph.D. TBA) in Electrical Engineering
- BS, MS/ME, Ph.D. in Computer Engineering
- **Industrial Engineering Department**
- BS, MS/ME in Industrial Engineering
- **Mechanical Engineering Department**
- BS, MS/ME, (Ph.D. TBA) in Mechanical Engineering
- **Materials Science and Engineering**
- MS/ME in Materials Science

All BS academic programs in the CoE are accredited by the Accreditation Board of Engineering and Technology (ABET)



CONTACT INFORMATION

To become an Open Capstone sponsor and begin enjoying the benefits of this growing program, call our office or visit our web site:

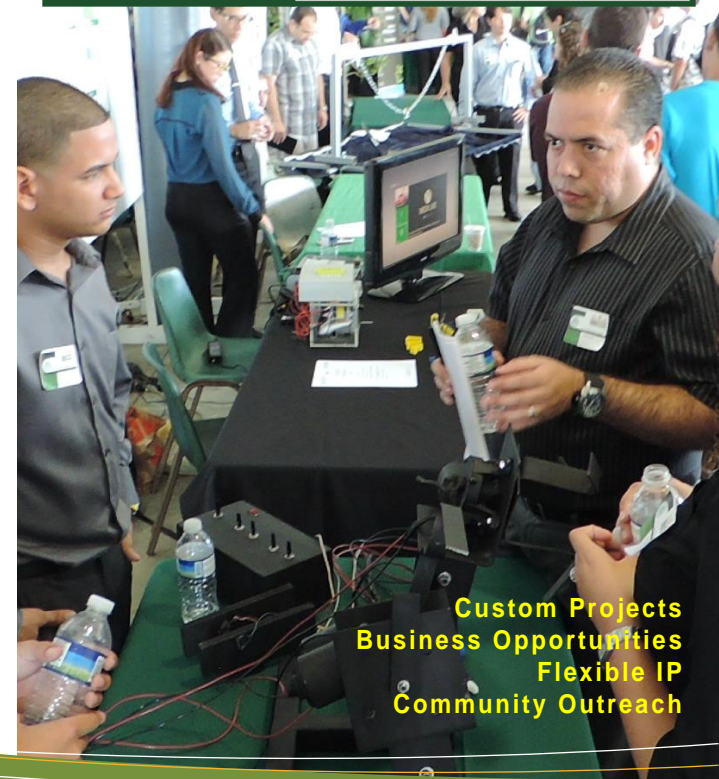
engineering.uprm.edu/OpenCapstone



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Open Capstone



Custom Projects
Business Opportunities
Flexible IP
Community Outreach



*Connecting Engineering,
Industry, and the Community*

Project solutions that work for your organization

OPEN CAPSTONE PROJECTS SUPPORT OUR CONSTITUENTS

- Design project solutions for industry, government, and the community
- Business opportunities for students and entrepreneurs
- Strong formation for engineering students
- Outreach to aspiring students

THE OPEN CAPSTONE MODEL

AGREEMENT
Sponsor agreement for program participation

PROPOSAL
Sponsor submits project proposal

EVALUATION
Project evaluation Fitness for Capstone

ASSIGNMENT
Student team formation, Donation & Notifications

KICK-OFF
First meeting w/students, professor & sponsor rep.

EXECUTION
Prof. guidance
Regular meetings with sponsor



PROGRAM CONCEPT

The Open Capstone program provides solutions to our constituents needs through projects developed by engineering students as part of a design course.

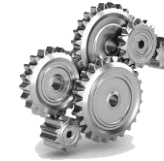
Projects proposed by a sponsor are evaluated and upon acceptance, executed under an agreement reached with the UPRM that fosters business development.

A flexible IP management model allows the sponsor to use developed solutions to address their needs for custom problem solutions.

EXHIBITION AND FORUM

The Open Capstone exhibition and Forum presents an excellent opportunity for potential sponsors to learn about the capabilities of our College of Engineering to supply their project needs through design courses. It showcases projects developed throughout the year and serves as a motivational activity for current and prospect students.

CUSTOM SOLUTIONS



Each design projects is developed in coordination with the sponsor to ensure solution fitness. A professor supervises the work developed by the students, providing guidance and advice.

FEXIBLE IP MANAGEMENT



Custom solutions provided through Open Capstone are transferred to sponsor to keep. Marketable solutions are negotiated with a flexible model to foster business development.

MINIMUM INVESTMENT



Open Capstone is supported through sponsor donations. Funds are aimed at offsetting student expenses and program administration. Sponsors with special needs can be accommodated under a no-cost basis.



WE'VE WORKED WITH DOZENS OF SPONSORS WHO HAVE FOUND THROUGH OUR DESIGN COURSES QUALITY SOLUTIONS FOR THEIR PROJECT NEEDS

