

Seeking Industry Clients for MEng Student Consulting Projects this Summer

(Seekers are MEng Student Teams in the UOttawa Engineering Management Program)

Overview

The University of Ottawa's MEng program in Engineering Management (EMP) is undergoing a major upgrade that by 2017 will require all of our 80-100 students to undertake a 4-month group-based EMP 6997 Major Project for an industry client, very similar to what most MBA programs now require of all their graduates. The big difference is that our projects will be done for technology-intensive corporate clients, thus requiring the student consultants to be technically capable and highly conversant in the client's domain. As part of the upgrade plan, we are running a pilot Major Project this summer with 12 students, who are organized into 4 groups.

Student Profiles and Projects of Interest

Our students all have engineering degrees and at least 2 years of full-time experience as engineers (typically 3-5), with fields of expertise primarily in computer science, information systems, electrical & electronics engineering, operations, and mechanical engineering. Furthermore, our students are 90-95% international students, primarily from the Middle East, India and Pakistan, with some from Latin America, Africa and China, who would thus bring a wide variety of international practice and market knowledge to bear. They have a variety of project interests including, but not limited to, systems management, operations/procurement management, product management (especially market engineering¹), and project management. Ideally, to bring maximum value to the client, students will be grouped to reflect complementary expertise, and a common project interest.

1. international market/value network analysis, competitor/customer/solution profiling, CVP analysis, product implications, specific customer acquisition plan

Value for the Industry Client

You will get approximately 16 person-months of "free" consulting on an important engineering management problem, with the research component being of primary value, plus an opportunity to assess potential new-hires. Costs are limited to time commitment for definition and feedback, plus any pre-approved out-of-pocket expenses.

Value for the Students

They get "real" consulting experience with an Ottawa-area technology-intensive company, to round out their master's degree in engineering management, with an inside look at that company as a potential employer.

Major Milestones:

1. Group/Client introduction and commitment by April 30, 2016
2. Project defined and engagement contract signed by May 15, 2016
3. Research and analysis document delivered by July 15, 2016
4. Final Presentation delivered by August 15, 2016
5. Final report delivered by August 31, 2016
6. Client feedback to group and supervising professor by August 31, 2016

If This Sounds Interesting, Please Contact Me!

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