

Queen's Faculty of Engineering and Applied Science

Engineering Design and Practice Sequence IV

APSC 480 MULTIDISCIPLINARY INDUSTRY ENGINEERING DESIGN PROJECT

Multidisciplinary engineering student teams experience the challenge of an immersive real-world project in partnership with an industry client over two terms. This is an invaluable learning opportunity to develop advanced design, professional, technical, project management, communication and critical thinking skills. APSC 480 can be substituted for the capstone design course in most engineering disciplines, and in some cases can be taken as an elective.



APSC 401 INTERDISCIPLINARY CLIENT-BASED PROJECT

Students from across the university (engineering, humanities, social science, business, and health science) work on a single term consulting project for a client. Students will gain skills in project management, problem solving, communication and critical thinking, while working in collaborative inter-disciplinary teams. The course will be piloted in the winter semester of 2021 (co-taught with the Faculty of Arts and Science) and can be taken as an elective by engineering students.



“What makes each course unique?”

APSC 480	APSC 401
DURATION	
Fall and Winter	Winter Only
ENROLLMENT	
Engineering Only	Multi-Faculty
COURSE WEIGHT	
9 (4.5 per term)	4.5
SCHEDULE	
One Night Class/wk – 3 hrs	Two Night Classes/wk (2 & 3 hrs)
PROJECT SOURCE	
Industry	Industry, Community, and Queen's
PROJECT FUNDING	
Fee paid by client	No/Limited fee for clients
APPLICATION NEEDED	
Yes – Resume, Cover Letter, Transcript	Yes – Resume, Cover Letter, Transcript

Visit <https://edps.engineering.queensu.ca/edps-iii-iv/> for more information