

Program Mission

To offer competitive higher education in Engineering Management within a supportive academic environment to prepare qualified Engineering Management specialists with vital employability skills, make research contributions, promote community engagement and participate in realizing the Kingdom's Vision 2030.

Program Goals

1. Improve the quality of teaching and learning experiences, the quality of learning resources, and the quality of basic facilities, equipment, and supporting infrastructure.
2. Provide support to students through the improvement of academic, social, psychological, and professional advising, counseling, and supportive services.
3. Enhancement of the performance of faculty members both professionally and academically.
4. Improvement of the program's administrative efficiency and processes and procedures.
5. Preparation of competent and qualified graduates with vital employability skills demanded in the labor market.
 - Enable graduates to demonstrate core knowledge in Engineering Management using essential technologies, and basic research skills.
 - Enhance students' critical thinking, problem-solving, communication and teamwork skills.
 - Improve students' awareness of ethical values, principles of professional conduct, independence, and autonomy.
6. Contribute to the field of Engineering Management through the production of quality research in alignment with OC and the program's research priorities.
7. Contribute to the local community through services, programs, and consultations.

Expected Career Opportunities for Graduates

For example:

- Projects manager
 - Planning manager
 - Service management specialist
 - Risk management specialist
 - Value engineering specialist
 - Quality Manager
 - Business Analyst
 - Consultant
 - Educator
 - Operations manager
 - Project management specialist
 - Supply Chain Manager
 - Policy Analyst
 - Researcher
- And more.

Program Study Plan

Study Plan (33 Credit Hours)

First Year - First Semester		
Course Code	Course Name	L
ENM 501	Construction Projects Management	3
ENM 502	Advanced Economics of Engineering Projects	3
ENM 503	Engineering Risks Management	3
Total Hours		9

First Year - Second Semester		
Course Code	Course Name	L
ENM 504	Engineering Quality Management	3
ENM 505	Supply Chain of Projects	3
ENM 506	Planning and Statistical Analysis	3
Total Hours		9

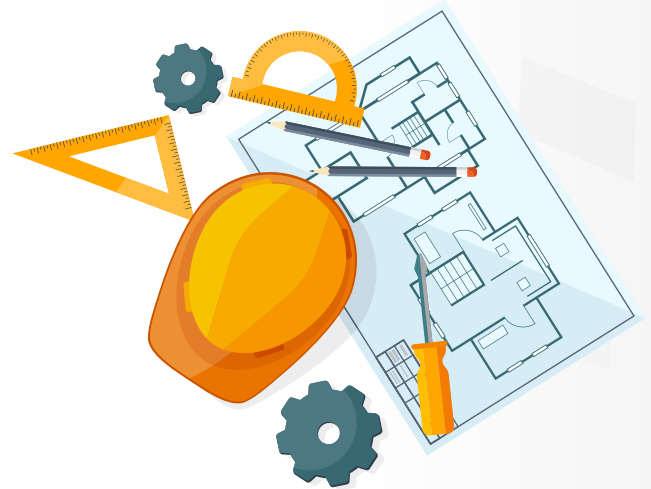
Second Year - First Semester		
Course Code	Course Name	L
ENM 511	Decision Analysis and Support Systems	3
ENM 512	Bidding and Contracts of Engineering Projects	3
ENM 51X	Elective Course	3
Total Hours		9

Second Year - Second Semester		
Course Code	Course Name	L
ENM 515	Applied Project	6
Total Hours		6

Elective Courses		
Course Code	Course Name	L
ENM 513	Resources Management And Operation Efficiency	3
ENM 514	Leadership and Organizational Behaviour	3



Postgraduate Studies and Research



The Executive Master's Program in

**Engineering
Management**

(4 Semesters)

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