Majmaah University
Deanship of Quality and
Skills Development

عمادة الجودة وتطوير المهارات
Deanship of quality and skills development

جامعة المجمعة
Majmaah University

College: Engineering   Department: Civil and Environmental Engineering
Program: Civil Engineering

Code MUP03a

Mission, Goals and Objectives

1) Program Mission Statement (insert). To provide excellent engineering education conducive to talent and creativity based on scientific knowledge, state of the art research and expertise to serve the community in a professional and ethical manner.
2) List Program Goals (eg. long term, broad based initiatives for the program, if any) • Critical thinking and problem solving based on a fundamental knowledge of civil and environmental engineering areas. • Serving the engineering profession, industry, and University, the Kingdom, and society with valuable leadership, participation, and knowledge. • To provide a solid foundation for the students who wish to pursue higher studies. • Preparing graduates to become leaders with effective communication in the civil and environmental engineering profession.

3) List major objectives of the program within to help achieve the mission. For each measurable objective, describe the measurable performance indicators to be followed and list the major strategies taken to achieve the objectives.

Measurable Objectives	Measurable Performance Indicators	Major Strategies
1) To provide latest engineering education and state of the art research to solve important civil engineering problems and address technological challenges of the future.	1. Increment in the number of students wishing to join the program, year after year. 2. Feedback from labor market about the quality and performance of the graduates. 3. Benchmarking other civil engineering programs (locally and internationally).	1. Developing a strong study plan in CEE. 2. Provide sufficient and modern laboratories and teaching facilities. 3. Concentrate on applied and design in civil engineering subjects. 4. Provide up-to date- civil engineering textbooks and Ensure high level of teaching staff and maintain F/S ratio to 1/12.
2) To produce graduates to demonstrate commitment to lifelong learning and professional development	1. Results of analyzing the feedback from the industry about the trained students and graduates.	1. Developing professional and lifelong learning skills in the teaching process.

through seeking professional licensure, pursuing higher studies, and participating in certified continuing education activities.	2. Number of graduates wishing to continue conducting high studies. 3. Number of graduates employed successfully in short time after graduation.	2. Organize workshops, training courses; cooperate with the industry and society to upgrade graduates skills. 3. Encouraging graduates to be involved in continue self-learning even after graduation.
3) To produce graduates of high quality engineering skills of ethical and professional standards to develop safe, efficient and environment friendly civil engineering projects and designs.	1. Number of graduates obtained membership in the professional engineering societies. 2. Requests from companies to recruit or contact with our students before their graduation.	1. To establish research labs to support the research activities. 2. Encourage faculty to give chance to the students to participate in applied researches. 3. To increase the scientific cooperation between MU and other high ranked universities. 4. Opening postgraduate programs : Master and Ph.D.
4) To educate students to take leadership roles in identifying emerging issues of the community and to develop innovative solutions to the engineering challenges.	1. Percentage of graduates from undergraduate program leaving their works due to professional issues. 2. Employee satisfaction. Number of graduates who promoted to get senior management positions.	1. Organizing seminars to inform and explain the rules, standards and ethical issues that lead to good leaders. 2. Close the gabs between the labor market needs and the graduate's quality level by providing additional courses in computer, communication skills, and language. 3. Follow up the graduates through site visits and Alumni association.
5) Encourage graduates in private and public activities to achieve consolidated progression in their careers by participating in skilled continuing education activities.	1. Number of graduates accepted to participate in department's activities such as workshops, courses, seminars and researches are increased. 2. Participation of graduates in conferences, and research exhibitions.	1. Organizing workshops, seminars, training courses, conferences, and invite and encourage the graduates to take places. 2. Strength the University/ industry linkage.