

## **BACHELOR OF SCIENCE in MECHANICAL ENGINEERING PROGRAM**

The Bachelor of Science in Mechanical Engineering at the College of Engineering, King Saud University, is a five years' program, including the first common year, which are divided to ten semesters.

### **Course Requirements (165 credit hours)**

To complete the graduation requirements for a B. Sc. in Mechanical Engineering, the students are required to successfully pass a total of 165 credit hours with minimum GPA of 2.75 of 5. The program is divided into:

- 32 credit hours of Common First Year Requirements.
- 8 credit hours of University requirements of which:
  - 2 credit hours are compulsory
  - 6 credit hours are elective to be taken from IC courses .
- 51 credit hours of College requirements of which:
  - 40 credit hours are compulsory courses for all departments
  - 9 credit hours of additional courses from a list of optional courses offered by the College of Engineering
  - 2 credit hours of free courses to be taken by the student from any college but not from his department
- 74 credit hours of departmental requirements of which:
  - 54 credit hours are core courses,
  - 4 credit hours of graduation project,
  - 3 credit hours for an electrical engineering course,
  - 12 credit hours for elective courses,
  - 1 credit hour (NP, no-grade, pass or fail) of practical training.
  - The department provides its students with a chance to register a zero credit hour, no-grade course in research project; this course is NOT required for graduation.

### **Senior Graduation Project Requirements (4 credit hours)**

The graduation project is divided into two parts (2 credit hours each). The student is eligible to register for Senior Graduation Project-1 if he completes successfully at least 129 credit hours including the CFY (or 97 credit hours excluding the CFY) and successfully passing ALL courses at level 7 and below (levels 1-7). The Senior Graduation Projects (1 and 2) can only be taken during the first and second semesters (not during summer semester).

### **Practical Training Requirements (1 no-grade credit hour)**

Students in the department are required to complete a 10 weeks practical training requirement in an area related to Mechanical Engineering. Prior to undertaking the practical training program, the student must obtain the approval of the department and he must have completed, successfully, at least 110 credit hours including the CFY (or 78 credit hours excluding the CFY). Students

enrolling in the practical training program are not allowed to take simultaneously any course or the graduation project.