

MECHANICAL ENGINEERING [MDE]

Bachelor Programs, Credit Hours System, Cairo University, Faculty of Engineering



The business environment in Egypt is expected to witness an evolution in the various branches of industry at large. A growing need is anticipated for qualified "Mechanical Design Engineers" with knowledge and skills enabling utilization of modern tools of engineering analysis and design.

The program offers a B.Sc. degree in mechanical design engineering for students who seek careers as engineers in industry, army and consulting firms. A typical program curriculum incorporates analytical tools, creative thought and diversity of skills as well as the state of art of the profession. Mechanical Design engineer may work in where it is required to design, manufacture, operate, develop or maintain mechanical systems and equipment such as; industrial machinery, automotive, aerospace, power generation and air conditioning equipment.



Program Objectives:

- To provide the students with a solid base of knowledge in science & engineering, readily applicable to solving technical problems, together with the self confidence necessary for doing so.
- To provide students with broad based professional education that covers the important current and developing issues in mechanical engineering, which is necessary for a productive career, & for being able to search & research in the spirit of continuing education in mechanical design field & allied areas.
- To upgrade students skills in effective communication, logic thinking & creativity.

For more information, visit:

eng.cu.edu.eg/en/credit-hour-system/

Cairo University, Faculty of Engineering, Giza,
Arab Republic of Egypt.