

NEW



MECHATRONICS ENGINEERING [MEE]

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 “Mechatronics Engineers” with knowledge and skills enabling utilization of modern tools of engineering analysis and design. The program offers a B.Sc. degree in mechatronics engineering for students who seek careers as engineers in industry, army and consulting firms.

Key Features:

- A typical program curriculum incorporates analytical tools, creative thought and diversity of skills as well as the state of art of the profession.
- Mechatronics engineer may work in areas where it is required to solve problems in the fields of integrated mechanics, electronics, computers and software systems.



Program Objectives:

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

Mechatronics Engineers:

- Investigate the interdisciplinary characteristics of mechanical, electrical, and computer systems.
- Develop solutions to multidisciplinary industrial problems and participate in the creation of advanced products.

For more information, visit:
eng.cu.edu.eg/en/credit-hour-system/
Cairo University, Faculty of Engineering, Giza,
Arab Republic of Egypt.