

NEW



Industrial Engineering and Management [IEM]

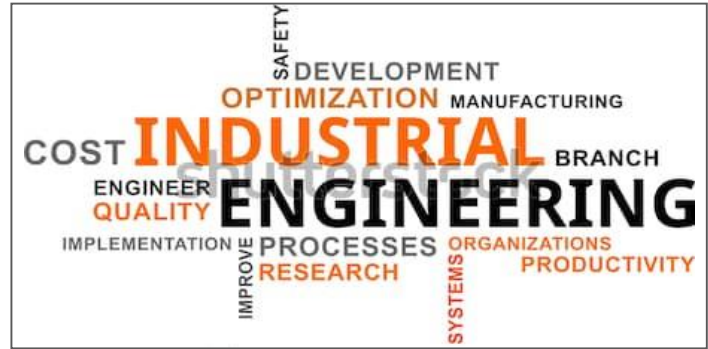
Bachelor Programs, Credit Hours System, Cairo University, Faculty of Engineering

The business environment in Egypt is expected to witness an evolution in the various branches of industry at large. Planning and Management of industrial firms, the development and global competitions of industrial institutions need a qualified “Industrial Engineers”.

The program offers a B.Sc. degree in Industrial engineering and management for students who seek careers as engineers in industry and consulting firms.

Key Features:

- Typical program curriculum incorporates analytical tools, creative thought and diversity of skills as well as the state of art of the profession.
- Industrial engineer integrate people, machines and equipments, materials, energy, information and money to improve the quality and productivity of systems.
- The qualified Industrial Engineer has knowledge and skills and enabling utilization of modern tools of engineering analysis and modeling.



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 industrial engineering and allied areas.
- To upgrade the skills of students in effective communication, logic thinking and creativity.



Industrial Engineers:

- Comprehend and handle the integration of management systems into a series of different technological environments.
- Emphasize risk assessment and the impact of uncertainties associated with economic and process decisions in industrial and service sectors.

For more information, visit:

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

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