The mission of the Communications and Computer Engineering Program is to provide the highest standard of excellence in higher education while pursuing continuous quality improvement. The Goal of our program is to produce communications and computer engineers capable of effectively using the scientific and technical knowledge developed as undergraduates for the betterment of society. The problem-solving, teamwork, and oral communications skills developed by these engineers will also contribute to achieving this goal. The program supports this mission by providing students with appropriate curricula and educational experiences. The curricula remain current through continuing assessment by employers, faculty, and students. Students obtain a broad education necessary to understand the impact of communications and computer engineering solutions in a global, societal, and environmental context.

Key Features:

The Bachelor of Science degree program is highly structured during the first three years and relatively flexible during the upper two years where the student chooses a technology track towards either communication (CCE-E) or computer (CCE-C) for training and graduation project along with necessary and elective courses. The program provides a laboratory-based curriculum that combines hands-on practice with the appropriate basic electrical and electronic theory. It is applications-oriented and is designed to prepare well rounded graduates who can succeed in one or more of the fields related to communications and computer engineering technology.

Program Objectives:

- Provide students with understanding of the fundamental knowledge prerequisite for the practice of, or for advanced study in, communications or computer engineering, including its scientific principles, rigorous analysis, and creative design.

- Provide students with the broad education, including knowledge of important current issues in communications or computer engineering, necessary for productive careers in the public or private sectors, or for the pursuit of graduate education.

- Develop skills for clear communication and responsible teamwork, and to inculcate professional attitudes and ethics, so that students are prepared for the complex modern work environment and for lifelong learning

- Provide an environment that enables students to pursue their goals in an innovative program that is rigorous and challenging, open and supportive.

For more information, visit:
eng.cu.edu.eg/en/credit-hour-system/

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