



1. Program Mission

The Benha faculty of Engineering Construction Engineering and Management program aims to develop the skills and knowledge students need to successfully complete construction projects on time and on budget while adhering to construction standards and safety guidelines within human values and social responsibility. Graduates will have sufficient knowledge and skills to develop their postgraduate research skills and find a local or international employment in the commercial, design-build, and residential sectors of the construction industry.



2. Program Objectives (PO)

The objectives of the BSc in The Construction Engineering and Management program are to enable its graduates to:

PO1. Apply a wide spectrum of engineering knowledge, science, and specialized skills with analytic, critical, and systemic thinking to identify and solve engineering problems in real-life situations.

PO2. Behave professionally, adhere to engineering ethics and standards, and work to develop the profession and community and promote sustainability principles.

PO3. Work in and lead a heterogeneous team and display leadership qualities, business administration, and entrepreneurial skills.

PO4. Master self-learning and life-long learning strategies to communicate effectively in academic/professional fields.

PO5. Apply analytical, experimental, design, construction engineering techniques and project management skills with proficiency aided by modern tools.

PO6. Graduate a postgraduate student who has the necessary scientific knowledge and innovative thinking needed for the Construction engineering and management engineering field.