

CERTIFIED AGRICULTURE ENGINEER



Membership by:
High Authority Council for
Arab Engineers



Certification by ACAC USA

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COURSE OVERVIEW

The course exposes students to definition of agriculture; The origin, scope and importance of agriculture to man; Food supply situation in the world; Trend of distribution; Characteristic features of tropical agriculture and how production is affected. Farming system practices; land tenure; land use types; Forestry, Fish, Farming and Wildlife agriculture.

Still others are analyzing and designing soil and water management-related infrastructure as aided through study of irrigation, drainage, erosion and runoff control techniques, crop tillage and cultivation practices and natural resources management. Job opportunities for graduates are available in industry, public agencies, consulting, and private practice..



COURSE CONTENT

- Apply knowledge of mathematics, physical sciences, and the engineering sciences.
- Apply knowledge of agriculture, natural resources, and agricultural engineering.
- Design and conduct experiments, utilize probability and statistics, as well as to analyze and interpret data.
- Design a system, component, or process to meet desired needs.
- Function on teams, including multi-disciplinary teams.
- Identify, formulate, and solve engineering problems.
- Understand professional and ethical responsibility.
- Communicate effectively.
- Understand the impact of engineering solutions in a global and societal context.
- Recognize the need for, and an ability to engage in, life-long learning.