

**Faculty of Engineering & Technology****Irrigation and Drainage Engineering****Information :****Course Code :** SCM 462**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Department of Structural Engineering & Construction Management**Instructor Information :**

Title	Name	Office hours
Professor	Yasser Mohamed Sadek Abdel Aziz El Saie	18
Teaching Assistant	Ahmed Taher Abdelhamed Mohamed Yousef	

**Description :**

Definitions of irrigation and drainage, Different sources of water for irrigation and its quality, Soil water plant relationship, Estimation of crop consumptive use, Introduction to the design of different irrigation systems: surface irrigation, sprinkler irrigation, drip irrigation, Introduction to the design of agricultural drainage system: tile drainage, surface drainage, and vertical drainage.