

**Faculty of Engineering & Technology****Irrigation and Drainage Engineering.****Information :****Course Code :** SCM342**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Structural Engineering & Construction Management**Instructor Information :**

Title	Name	Office hours
Lecturer	Ahmed Mohamed Abdel Moniem Mohamed Soliman	
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.