

Faculty of Engineering & Technology**Advanced technology of Construction Materials****Information :****Course Code :** SCM 414**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Department of Structural Engineering & Construction Management**Instructor Information :**

Title	Name	Office hours
Lecturer	Dina Mahmoud Mohamed Elsayed Mansour	9
Lecturer	Dina Mahmoud Mohamed Elsayed Mansour	9
Assistant Lecturer	Youssef Ahmed Elsayed Kamaleldin Ahmed Awad	4
Assistant Lecturer	Youssef Ahmed Elsayed Kamaleldin Ahmed Awad	4
Assistant Lecturer	Nada Mohamed Abd El Hamid Ali Mohamed	
Teaching Assistant	Mohamed Fathy Salem Mohamed	
Teaching Assistant	Mahmoud Mohamed Khalaf Ahmed	
Teaching Assistant	Reham Milad Kamel Samaan	3

Description :

Advanced concrete technology, Advanced technology of finishing and insulating materials, Adapted technology of alternative building materials for low-cost construction, New developments and innovative uses of construction materials, Introduction to fracture mechanics, Miscellaneous non-conventional construction materials and products : ceramics, refractories, polymers and plastics, injection materials and joint sealants, composite, optical fibers, carbon fibers, Pipes for water and sewage networks, Material-related failures of structures, Maintenance and repair techniques of materials in structures, Welding technology