

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	Youssef Ahmed Elsayed Kamaleldin Ahmed Awad	5
Teaching Assistant	Ahmed Taher Abdelhamed Mohamed Yousef	

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