

Faculty of Engineering & Technology
Inspection and maintenance of structurals

Information :

Course Code : SCM 591 **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 | 12 |
| Teaching Assistant | Mahmoud Mohamed Khalaf Ahmed | |

Description :

Introduction: causes of distress and reasons for repair, approach and strategy of repair, and anamnesis, Diagnosis, Repair, Strength evaluation of concrete elements and concrete structures, Repair materials, Repair methods, Repair and Strengthening of concrete elements, Inspection and repair of masonry, Case studies.