

Faculty of Engineering & Technology

Construction Technology

Information :

Course Code : SCM 553

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Department of Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Lecturer	RANA NABIL FATTOUH KHALLAF	14
Lecturer	RANA NABIL FATTOUH KHALLAF	14
Lecturer	RANA NABIL FATTOUH KHALLAF	14
Assistant Lecturer	MOHAMMED TAHER ABDELHAMID MOHAMMED YOUSSEF	
Teaching Assistant	Mohamed Yahia Mohamed Abdelkader	6
Teaching Assistant	Shrouk Awaad Mohamed Awaad	
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Area Of Study :

Upon successful completion of this course, the student should be able to:

- Understand the basic concepts and main principles
- Calculate the values of the essential terms

Regarding construction methods earth work & foundation technology temporary structural precast & pre-stressed concrete steel structure scaffolding safety equipment

Description :

Introduction to construction methods, Earth work, Foundation technology, Temporary structural, Precast concrete, Prestressed concrete, Steel structure fabrication and erection, Scaffolding: materials, connections, principles of design and erection, economy, Safety equipment

Course outcomes :

a.Knowledge and Understanding: :

1 -	List the main items of construction methods
2 -	Define the main terms of earth work & foundation technology
3 -	Define the main terms of temporary structural
4 -	List the main items of scaffolding

b.Intellectual Skills: :

1 -	Calculate the values of earth work & foundation technology
2 -	Design the elements of temporary structural

Student Lecture Notes

Recommended books :

"Construction Methods and Management (8th Edition) Stephens W. Nunnally (Author) Pearson Prentice Hall.)