

Faculty of Engineering & Technology**Building Construction & Materials 3****Information :****Course Code :** ARC345**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Architectural Engineering**Instructor Information :**

Title	Name	Office hours
Lecturer	Hala Ali Nabil Mohamed Ali	1
Assistant Lecturer	Kamal Abdeleziz Ali Selim	
Teaching Assistant	Omar Magdy Ahmed Ibrahim Elbahrawy	
Teaching Assistant	Salma Mohamed Eltohamy Elgendy	

Description :

The course focuses on the advanced construction systems and execution methods. The course covers the basics of designing and executing buildings with large span and high-rise buildings, mainly the steel and wood trusses and frames. Also, the course will comprise the design and execution details of space trusses, geodesic domes, tents, tension and shell structures.