

  
**AMOU UNIVERSITY**  
**“A Vehicle for Peace and Development”**  
**AMOU UNIVERSITY**



FACULTY OF ENGINEERING

**BACHELOR OF SCIENCE IN CIVIL ENGINEERING**  
**ACADEMIC YEAR 2015/ 2016**

**COURSE DESCRIPTION**

<b>CENG 308</b>	<b>Building Construction</b>		
Contact Hours	3		
Pre-requisite	N/A		
Purpose/Aim	<ul style="list-style-type: none"> <li>To understand the fundamentals of construction planning and design procedures, and site selection.</li> <li>To develop skills and knowledge in the preparation of working drawings.</li> <li>To understand the concepts of various components of a low-rise building and their construction methods.</li> <li>To acquire a thorough understanding of the basics of framed structures, shell and dome structures and prefabricated building systems.</li> </ul>		
Course Objective (Indicative Learning Outcomes)	Students will be able: <ul style="list-style-type: none"> <li>Select building site,</li> <li>Prepare working drawing for buildings,</li> <li>Understand the basics of framed and dome structures.</li> </ul>		
Course Content			
Learning & Teaching Methodologies	Lectures, tutorials and computer laboratory exercises		
Instructional Materials/Equipment	Classroom with audio visual aids Computer laboratory		
Course Assessment	<b>Type</b>	<b>Weighting (%)</b>	
	Final Examination	60	
	Mid Term Examination	20	
	Assignment	10	
	Attendance	10	
	Total	100	
Recommended Reading	<b>Title</b>	<b>Author</b>	<b>Publisher</b>
Additional Reading			
Other Support Material	A variety of multimedia systems and electronic information resources as prescribed by the lecturer.		



**AMOUD UNIVERSITY**  
**“A Vehicle for Peace and Development”**

Various application manuals, URL search and journals.
---