


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

CENG 351	Soil Mechanics II		
Contact Hours	3		
Pre-requisite	N/A		
Purpose/Aim	Students will incorporate and utilize technology in Geotechnical analysis.		
Course Objective (Indicative Learning Outcomes)	Students will demonstrate an understanding of <ul style="list-style-type: none"> • Fundamental soil behavior with applications in areas of earth pressures. • Changing stress, soil strength parameters, prediction of settlements, and prediction of bearing capacities. 		
Course Content			
Learning & Teaching Methodologies	Lectures, tutorials and computer laboratory exercises		
Instructional Materials/Equipment	Classroom with audio visual aids Computer laboratory		
Course Assessment	Type	Weighting (%)	
	Final Examination	60	
	Mid Term Examination	20	
	Assignment	10	
	Attendance	10	
	Total	100	
Recommended Reading	Title	Author	Publisher
Additional Reading			
Other Support Material	A variety of multimedia systems and electronic information resources as prescribed by the lecturer. Various application manuals, URL search and journals.		