

  
**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 356</b>	<b>Surveying II</b>		
Contact Hours	3		
Pre-requisite	N/A		
Purpose/Aim	Students will learn theory and field work in construction and land surveying.		
Course Objective (Indicative Learning Outcomes)	Students will be able to <ul style="list-style-type: none"> <li>• Ability to apply Least Squares Adjustment to other applications e.g. photogrammetric, GPS networks</li> <li>• Understanding of role of photogrammetric in modern engineering practice</li> <li>• Knowledge of evolution of mapping procedures</li> <li>• Understanding of current map production techniques</li> <li>• Knowledge of accuracy and precision of photogrammetric digitizing</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. Various application manuals, URL search and journals.		



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