

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
QUANTITY SURVEYING and ESTIMATING	MIM3215175	Spring Semester	2+1	2,5	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Elective				
Course Coordinator	Assist.Prof. Mustafa ERDEM				
Name of Lecturer(s)					
Assistant(s)					
Aim	The aim of the course is to identify work items in construction works, make quantity and cost calculations, and gain the ability to manage these accounts.				
Course Content	This course contains; 1.Week Quantity surveys and surveys in construction works,2. Week Stages of the quantity survey in the project process,3.Week Standard assumptions for measurement,4.Week Quantity survey work,5.Week Preparation of discovery, sources of cost-related information,6.Week Classification of work items ,7.Week Conducting work,8.Week Midterm,9.Week Preparation of work packages,10. Week progress payment,11. Week cost overrun,12. Week value engineering,13. Week Quantity survey and survey application,14. Week Evaluates the quantity surveying and surveying application.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Acquisition the ability to carry out quantity surveying and surveying studies, Determines the material and application work items in the project and makes cost calculations.			16, 9	A, E	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	1.Week Quantity surveys and surveys in construction works				
2	2. Week Stages of the quantity survey in the project process				
3	3.Week Standard assumptions for measurement				
4	4.Week Quantity survey work				
5	5.Week Preparation of discovery, sources of cost-related information				
6	6.Week Classification of work items				
7	7.Week Conducting work				
8	8.Week Midterm				
9	9.Week Preparation of work packages				
10	10. Week progress payment				
11	11. Week cost overrun				
12	12. Week value engineering				
13	13. Week Quantity survey and survey application				
14	14. Week Evaluates the quantity surveying and surveying application				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources
Birim Fiyat Tarifleri ve Birim Fiyat Analizleri, T.C. Çevre, Şehircilik ve İklim Değişikliği Bakanlığı. İnşaat yönetimi metraj ve maliyet hesapları, Rifat Akbıyıklı. Metric Handbook: Planning and Design Data, Pamela Buxton.