



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Building Information Modeling							
Course Code		İNA257		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		With this course, it is aimed to learn the concept of Building Information Modeling and related programs.							
Course Content		Project Management, Building Information Modeling, Revit Program Building, Revit Program Toolbar, Toolbars, Menu, Using Revit Program							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	BIM- Building Information Modeling, B. Özorhon, Abakus Publishing.
2	Lecture Notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Project Management
2	Theoretical	Project management
3	Theoretical	Introduction to Building Information Modeling
4	Theoretical	Revit Program Introduction
	Practice	Revit Program Introduction
5	Theoretical	Revit Program Basic Commands
	Practice	Revit Program Basic Commands
6	Theoretical	Revit Program Basic Commands
	Practice	Revit Program Basic Commands
7	Theoretical	Revit Program Basic Commands
	Practice	Revit Program Basic Commands
8	Theoretical	Revit Program Basic Commands
	Practice	Revit Program Basic Commands
9	Intermediate Exam	Midterm
10	Theoretical	Revit Program Basic Commands
	Practice	Revit Program Basic Commands
11	Theoretical	Revit Program Basic Commands



11	Practice	Revit Program Basic Commands
12	Theoretical	Revit Program Basic Commands
	Practice	Revit Program Basic Commands
13	Practice	Sample Project Work
14	Practice	Sample Project Work
15	Practice	Sample Project Work
16	Final Exam	Semester Final Exam

**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Reading	32	0	1	32
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = <b>ECTS</b>				4

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	To learn the concept of Project Management
2	Learning the concept of Building Information Modeling
3	Know the commands of Revit Program
4	To be able to use Revit Program
5	To make a sample project with Revit Program

**Programme Outcomes (Construction Technology)**

1	Being able to have professional knowledge and skills as a result of being supported by the application on vocational qualifications gained in secondary education
2	To choose and use building materials
3	Building installations can be done
4	Applying concrete technology
5	Construction of roads
6	To be able to make professional computer applications
7	Technical drawings
8	Making professional drawing
9	Bidding and contracting
10	To be able to organize the site
11	Control and documentation of manufacturing
12	Can make application of building repair and strengthening works
13	To be able to determine soil types and make soil tests
14	Can control water supply and transmission activities
15	Making waste treatment facilities for polluting resources
16	Projecting of construction elements
17	Being able to make a professional project
18	Make land measurements
19	To be able to make professional practices

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2
P1	4	3
P2	4	3
P3	4	3
P4	4	3
P5	4	3
P6	4	3
P7	4	3
P8	4	3
P9	4	3
P10	4	3
P11	4	3
P12	4	3
P13	4	3
P14	4	3
P15	4	3
P16	4	3
P17	4	3
P18	4	3
P19	4	3

