OBJECT ORIENTED PROGRAMMING II

1	Course Title:	OBJECT ORIENTED PROGRAMMING II
2	Course Code:	IYZ2204
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. Ögr. Üyesi MELİH ENGİN
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Yrd. Doç. Dr. Oğuzhan TOPSAKAL
17	Website:	
18	Objective of the Course:	
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

		1	To understand these interactions in terms of data and model based on object
		2	For practical problems, creation of class structure
		3	Understanding of Inheritance
		4	Software development, weaving
		5	Another developing practical skills, gain teamwork skills
		6	
		7	
		8	
		9	
		10	

21	Course Content:

Course Content:

Week	Theoretical	Practice
1	Introduction to Object-Oriented Programming	
2	Java basics, data types and variables	
3	Methods, variables, and data transformations	
4	Conditions & Loops	
5	Arrays	
6	Clans, objects, design and class diagrams Class	

7	Clans, objects, design and class diagrams Class	
8	Inheritance and Encapsulation	
9	Interfaces and abstract classes	
10	Polymorphism, Overload, Renovation	
11	Polymorphism, Overload, Renovation	
12	Polymorphism, Overload, Renovation	
13	Create application	
14	Create application	
22	Textbooks, References and/or Other Materials:	
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade	40.00	

Activites	Number	Duration (hour)	Total Work Load (hour)
Measurement and Evaluation Techniques Used in the Course / Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	0	0.00	0.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	40.00	40.00
Others	0	0.00	0.00
Final Exams	1	50.00	50.00
Total Work Load			146.00
Total work load/ 30 hr			4.87
ECTS Credit of the Course			5.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	2	3	0	4	1	0	0	0	0	0	0	0	0	0
ÖK2	0	0	2	5	0	5	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	2	5	0	5	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	2	5	0	5	0	0	0	0	0	0	0	0	0	0

ÖK5	0	0	2	5	0	5	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives   PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High