	OBJECT OR	IENTI	ED PROGRAMMING I							
1	Course Title:	OBJECT	ORIENTED PROGRAMMING I							
2	Course Code:	IYZ2203								
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cyc	le							
5	Year of Study:	2								
6	Semester:	3								
7	ECTS Credits Allocated:	9.00								
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 f	ace							
14	Course Coordinator:	Doç. Dr.	MELİH ENGİN							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:		retim Üyesi Melih ENGİN ngin@uludag.edu.tr 94 26 95							
17	Website:									
18	Objective of the Course:									
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Basic programming knowledge wins							
		2	Learn object-oriented programming method							
		3	Learn how to use it effectively to write an effective program							
		4	Conceptual problem solving and algorithms moments							
		5	Apply the methods learned on the GUI							
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
107	T	Со	urse Content:							
	Theoretical	ro no roi	Practice							
1	Introduction to Object-Oriented Prog									
2	Data types, operators and control sta	atements								
3	Classes and Objects Class writing methods and encapsula	ation								
5	Inheritance, UML diagrams	adon								
6	Abstract Classes									
7	Packages, Interfaces									

8	Polymorphism (Polymorphism)																		
9	Exce	ptior	n man	agem	ent														
10	Neste	ed cl	asses	3															
11	Colle	ctior	ns, Ge	enerics	3														
12	Even	t-ba	sed p	rogran	nming)													
13	Threa	Threads																	
14	distributed programming																		
22	Textbooks, References and/or Other Materials:																		
23	Asses	sme	nt																
TERM	LEARN	IING	ACTI	VITIES			N R	UMBE	WE	EIGHT									
Midterr	m Exar	m					1		40	.00									
Quiz							0		0.0	00									
Home	work-p	roje	ct				1		60	.00									
Final E	xam						0		0.0	00									
Total							2		10	100.00									
Contrib Succes			erm (\	rear) l	Learn	ing Act	tivities	to	10	100.00									
Contrib	oution	of Fi	nal E	xam to	Suc	cess G	rade		0.0	0.00									
Activi	tes									Number Dui					hour)	Total Work Load (hour)			
Theore 24	elE91-	9 /	WO	OK I		TAR	ıE		-	14 2.00						28.00			
Practic	cals/La	bs	VVOI	VK L	UAD	IAD	<u> </u>		•	14			2.00			28.00			
Self stu	udy an	d pr	epera	tion					(0 0.00						0.00			
Homev	works								•	1 45.00						45.00			
Project	ts								(0			0.00						
Field S	Studies								(0			0.00		0.00				
Midter	m exar	ns							1	1			55.00		55.00				
Others	•								(0 0.00						0.00			
Final E	xams								(0			0.00			0.00			
Total V	Vork L	oad														156.00			
Total w	Total work load/ 30 hr													5.20					
ECTS	Credit	of th	ne Co	urse												9.00			
25	i			CON	TRIE	BUTIO	N OI		ARNING OUTCOMES TO PROGRAMME QUALIFICATIONS										
	Р	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16		
ÖK1	0		0	3	0	0	3	1	1	0	0	0	0	0	0	0	0		
ÖK2	0		0	2	2	0	1	0			0	0	0		0	0	0		

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

ÖK5	0	0	1	5	0	5	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications Contrib 1 very low 2 low 3 Medium 4 High 5 Very High																
Contrib ution Level:	1	very	IOW	1	2 low		3 1	vieai	um		4 Higl	n		5 Very	y Hign	