



Department of Software Engineering

Semester	Course Code	Course Title	Total Credit	Prereq.	ECTS
1	ENL101	ENGLISH LANGUAGE I	3	-	4
	HIS101	HISTORY *	0	-	2
	TUR101	TURKISH LANGUAGE*	0	-	2
	COM101	COMPUTER PROGRAMMING I	4	-	5
	COM103	INTRODUCTION TO PROFESSION	0	-	5
	ENG121	PHYSICS I	3	-	5
	ENG131	PHYSICS I LAB	1	-	2
	MAT101	CALCULUS I	4	-	5
			15		30
2	ENL102	ENGLISH LANGUAGE II	3	ENL101	4
	HIS102	HISTORY *	0	HIS101	2
	TUR102	TURKISH LANGUAGE*	0	TUR101	2
	COM102	COMPUTER PROGRAMMING II	4	COM101	5
	ENG122	PHYSICS II	3	ENG121	5
	ENG132	PHYSICS II LAB	1	ENG131	2
	MAT102	CALCULUS II	4	MAT101	5
	MAT104	LINEAR ALGEBRA	3	-	5
			18		30
3	COM203	DIGITAL LOGIC DESIGN	4	COM101	5
	MAT203	DISCRETE MATHEMATICS	3	MAT104	5
	COM205	DATA STRUCTURES AND ALGORITHMS	4	COM102	6
	MAT201	ORDINARY DIFFERENTIAL EQUATIONS	3	MAT102	5
	SEN201	INTRODUCTION TO THE SOFTWARE ENGINEERING	3	-	5
		FACULTY ELECTIVE II	3	-	4
			20		30
4	COM202	OPERATING SYSTEMS	3	COM205	5
	COM204	OBJECT ORIENTED PROGRAMMING I	4	COM102	5
	MAT202	ENGINEERING MATHS	3	MAT102	5
	MAT204	PROBABILITY&STATISTIC METHODS	3	MAT202	5
	SEN202	SOFTWARE REQUIREMENTS ANALYSIS AND SPECIFICATION	3	COM204	5
		DEPARTMENTAL ELECTIVE I	3	-	5
			19		30
5	COM303	ANALYSIS OF ALGORITHMS	3	COM205	4
	COM305	DATABASE MANAGEMENT SYSTEMS	4	COM205	5
	COM307	SYSTEMS PROGRAMMING	3	COM204	4
	SEN305	SOFTWARE DESIGN AND ARCHITECTURE	3	COM204	5
	COM315	OBJECT ORIENTED PROGRAMMING II	4	COM204	5
		FACULTY ELECTIVE I	3	-	2
		DEPARTMENTAL ELECTIVE II		-	5
			20		30
6	COM306	COMPUTER NETWORKS	3	COM304	5
	COM302	PRINCIPLES OF PROGRAMMING LANGUAGES	4	COM204	5
	SEN308	SOFTWARE QUALITY ASSURANCE AND TESTING	3	SEN305	5
	SEN312	HUMAN COMPUTER INTERACTION	3	SEN305	6
		UNIVERSITY ELECTIVE I	3	-	4
		DEPARTMENTAL ELECTIVE III	3	-	5
			19		30
7	ECO441	ENGINEERING ECONOMICS	3	-	4
	BUS441	STRATEGIC PLANNING AND MANAGEMENT	3	-	4
	COM410	SUMMER TRAINING	0	-	4
	COM401	GRADUATION PROJECT I	1	-	6
		UNIVERSITY ELECTIVE II	3	-	2
		FACULTY ELECTIVE III	3	-	4
		DEPARTMENTAL ELECTIVE IV	3	-	6
			16		30
8	ENG444	ENGINEERING ETHICS	3	-	5
	COM402	GRADUATION PROJECT II	3	COM401	6
	COM308	SOFTWARE ENGINEERING	3	COM204	5
		UNIVERSITY ELECTIVE III	3	-	4
		FACULTY ELECTIVE IV	3	-	4
		DEPARTMENTAL ELECTIVE V	3	-	6
			18		30