

COURSE CATALOG OF COMPUTER PROGRAMMING DEPARTMENT

FIRST YEAR

FIRST SEMESTER

Course Code	Course Name	L	P	C	ECTS
AİT-191	ATATURK 'S PRINCIPLES AND REVOLUTION HISTORY I	2	0	0	2
TDİ-195	TURKISH LANGUAGE I	2	0	0	2
İNG-185	FOREIGN LANGUAGE I	2	0	0	2
MAT-177	MATHEMATICS-I	2	0	2	2
BİL 115	PROGRAMMING FUNDAMENTALS	3	1	4	5
BİL 117	GRAPHICS AND ANIMATION I	3	1	4	4
BİL 119	DATABASE I	3	1	4	4
BİL 121	WEB DESIGN BASICS	2	2	3	4
BİL 123	BASIC ELECTRICS AND ELECTRONICS	3	0	3	3
BİL 125	BASIC COMPUTER SCIENCE	1	1	2	2
	TOTAL	23	6	22	30

SECOND SEMESTER

Course Code	Course Name	L	P	C	ECTS
AİT-192	ATATURK'S PRINCIPLES AND REVOLUTION HISTORY II	2	0	0	2
TDİ-196	TURKISH LANGUAGE II	2	0	0	2
İNG-186	FOREIGN LANGUAGE II	2	0	0	2
BİL 114	VISUAL PROGRAMMING I	3	1	4	5
BİL 116	NETWORK FUNDAMENTALS	2	0	2	2
BİL 118	GRAPHICS AND ANIMATION II	3	1	4	5
*	A Type Elective Courses	9	3	12	12
	TOTAL	23	5	22	30

* A TYPE ELECTIVE COURSES

Course Code	Course Name	L	P	C	ECTS
BİL 120	WEB DESIGN EDITORS	3	1	4	4
BİL 122	OFFICE SOFTWARE	3	1	4	4
BİL 124	COMPUTER HARDWARE	3	1	4	4
BİL 126	SYSTEM IMPROVEMENTS	3	1	4	4
BİL 128	SENSORS	3	1	4	4
BİL 130	SCIENTIFIC PRINCIPLES OF TECHNOLOGY	3	1	4	4
BİL 132	DATA STRUCTURES AND PROGRAMMING	3	1	4	4

* Student will choose courses of totally 12 ECTS from table

SECOND YEAR

THIRD SEMESTER

Course Code	Course Name	L	P	C	ECTS
BIL 231	ENTREPRENEURSHIP	3	1	4	4
BIL 233	VOCATIONAL FOREIGN LANGUAGE I	2	0	2	2
BIL 235	INTERNET PROGRAMMING -I	1	2	2	4
BIL 237	VISUAL PROGRAMMING - II	1	2	2	3
BIL 239	OBJECT ORIENTED PROGRAMMING-I	1	2	2	4
BIL 241	EVALUATION OF INTERNSHIP	1	2	0	3
**	B Type Elective Courses	10	0	10	10
	TOTAL	19	9	22	30

**** B TYPE ELECTIVE COURSES**

Course Code	Course Name	L	P	C	ECTS
BIL 243	DATABASE II	4	0	4	4
BIL 245	INTERNET SECURITY	4	0	4	4
BIL 247	WEB PROJECT MANAGEMENT	4	0	4	4
BIL 249	SOFTWARE SETUP AND MANAGEMENT	4	0	4	4
BIL 251	OPEN SOURCE OPERATING SYSTEM	4	0	4	4
BIL 253	CONTENT MANAGEMENT SYSTEM	4	0	4	4
BIL 255	PERIPHERAL DEVICES	2	0	2	2
BIL 257	COMMUNICATION	2	0	2	2
BIL 259	INFORMATION MANAGEMENT	2	0	2	2

** Student will choose courses of totally 10 ECTS from table

FOURTH SEMESTER

Dersin Kodu	Dersin Adı	T	U	K	AKTS
BIL 232	VOCATIONAL FOREIGN LANGUAGE-II	2	0	2	2
BIL 234	SYSTEM ANALYSIS AND DESIGN	2	2	3	5
BIL 236	INTERNET PROGRAMMING II	2	2	3	5
BIL 238	VISUAL PROGRAMMING III	2	2	3	5
BIL 240	OBJECT ORIENTED PROGRAMMING II	2	2	3	5
***	C Type Elective Courses	8	0	8	8
	TOTAL	18	8	22	30

***** C TYPE ELECTIVE COURSES**

Course Code	Course Name	T	U	K	AKTS
BIL 242	MICRO CONTROLLERS	4	0	4	4
BIL 244	SERVER OPERATING SYSTEMS	4	0	4	4
BIL 246	DATABASE ADMINISTRATION	4	0	4	4
BIL 248	SOFTWARE ARCHITECTS	4	0	4	4
BIL 250	COMPUTERIZED CONTROL	4	0	4	4
BIL 252	RESEARCH METHODS AND TECHNIQUES	2	0	2	2
BIL 254	QUALITY ASSURANCE AND STANDARDS	2	0	2	2
BIL 256	PROFESSIONAL ETHICS	2	0	2	2

*** Student will choose courses of totally 8 ECTS from table