

# COURSE CATALOG OF COMPUTER PROGRAMMING DEPARTMENT (SINCE FALL 2015-16)

## 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	4	0	4	5
BİL 117	GRAPHICS AND ANIMATION I	4	0	4	4
BİL 119	DATABASE I	4	0	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
	<b>TOTAL</b>	<b>26</b>	<b>3</b>	<b>22</b>	<b>30</b>

### **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
	<b>TOTAL</b>	<b>23</b>	<b>5</b>	<b>22</b>	<b>30</b>

#### \* 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
BİL 134	ENVIRONMENTAL PROTECTION	3	1	4	4
BİL 136	SOCIAL MEDIA	3	1	4	4
BİL 138	MOBILE PROGRAMMING-I	3	1	4	4

\* Studentst will choose courses of totally 12 ECTS from table

## **SECOND YEAR**

### **THIRD SEMESTER**

<b>Course Code</b>	<b>Course Name</b>	<b>L</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
BİL 231	ENTREPRENEURSHIP	3	1	4	4
BİL 235	INTERNET PROGRAMMING -I	1	2	2	3
BİL 239	OBJECT ORIENTED PROGRAMMING-I	1	2	2	4
BİL 241	EVALUATION OF INTERNSHIP	0	2	0	3
BİL 261	SECTORAL APPLICATION I	2	4	4	6
**	B Type Elective Courses	10	0	10	10
	<b>TOTAL</b>	<b>17</b>	<b>11</b>	<b>22</b>	<b>30</b>

#### **\*\* B TYPE ELECTIVE COURSES**

<b>Course Code</b>	<b>Course Name</b>	<b>L</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
BİL 233	VOCATIONAL FOREIGN LANGUAGE I	2	0	2	2
BİL 237	VISUAL PROGRAMMING - II	4	0	4	4
BİL 243	DATABASE II	4	0	4	4
BİL 245	INTERNET SECURITY	4	0	4	4
BİL 247	WEB PROJECT MANAGEMENT	4	0	4	4
BİL 249	SOFTWARE SETUP AND MANAGEMENT	4	0	4	4
BİL 251	OPEN SOURCE OPERATING SYSTEM	4	0	4	4
BİL 253	CONTENT MANAGEMENT SYSTEM	4	0	4	4
BİL 255	PERIPHERAL DEVICES	2	0	2	2
BİL 257	COMMUNICATION	2	0	2	2
BİL 259	INFORMATION MANAGEMENT	2	0	2	2
BİL 263	MOBILE PROGRAMMING-II	4	0	4	4

\*\* Studentst will choose courses of totally 10 ECTS from table

### **FOURTH SEMESTER**

<b>Dersin Kodu</b>	<b>Dersin Adı</b>	<b>T</b>	<b>U</b>	<b>K</b>	<b>AKTS</b>
BİL 232	VOCATIONAL FOREIGN LANGUAGE-II	2	0	2	2
BİL 234	SYSTEM ANALYSIS AND DESIGN	0	2	1	5
BİL 236	INTERNET PROGRAMMING II	2	2	3	5
BİL 238	VISUAL PROGRAMMING III	4	0	4	4
BİL 258	SECTORAL APPLICATION II	2	4	4	6
***	C Type Elective Courses	8	0	8	8
	<b>TOTAL</b>	<b>16</b>	<b>8</b>	<b>20</b>	<b>30</b>

#### **\*\*\* C TYPE ELECTIVE COURSES**

<b>Course Code</b>	<b>Course Name</b>	<b>T</b>	<b>U</b>	<b>K</b>	<b>AKTS</b>
BİL 240	OBJECT ORIENTED PROGRAMMING II	4	0	4	4
BİL 242	MICRO CONTROLLERS	4	0	4	4
BİL 244	SERVER OPERATING SYSTEMS	4	0	4	4
BİL 246	DATABASE ADMINISTRATION	4	0	4	4
BİL 248	SOFTWARE ARCHITECTS	4	0	4	4
BİL 250	COMPUTERIZED CONTROL	4	0	4	4
BİL 252	RESEARCH METHODS AND TECHNIQUES	2	0	2	2
BİL 254	QUALITY ASSURANCE AND STANDARDS	2	0	2	2
BİL 256	PROFESSIONAL ETHICS	2	0	2	2
BİL 260	SIGN LANGUAGE	2	0	2	2

\*\*\* Studentst will choose courses of totally 8 ECTS from table