

T.R.
KİLİS 7 ARAKLIK UNIVERSITY
VOCATIONAL SCHOOL OF TECHNICAL SCIENCES
DEPARTMENT OF COMPUTER TECHNOLOGIES
COMPUTER PROGRAMMING PROGRAM
COURSE CATALOG (2020-2021)

FIRST YEAR														
CODE	1. YEAR - FALL SEMESTER (1. SEMESTER)	COMPULSORY/ ELECTIVE	T	A	L	ECTS	CODE	1. YEAR - SPRING SEMESTER (2. SEMESTER)	COMPULSORY/ ELECTIVE	T	A	L	ECTS	
0102101	The Principles Of Ataturk And History Of Revolution-I	(D)	C	2	0	2	2	0102102	The Principles Of Ataturk And History Of Revolution-II	(D)	C	2	0	2
0103101	English-I	(D)	C	3	0	3	3	0103102	English-II	(D)	C	3	0	3
5307101	Mathematics		C	4	0	4	5	5307102	Data Structures And Programming		C	3	1	4
5307103	Basics Of Programming		C	3	1	4	5	5307104	Database-I		C	2	1	3
5307105	Computer Hardware	(D)	C	2	0	2	3	5307106	Open Source Operating Systems	(D)	C	1	1	2
5307107	Operating Systems	(D)	C	2	0	2	3		Internship		C			8
5307109	Basics Of Web Design		C	1	1	2	3							
	COMPULSORY COURSES			17	2	19	24		COMPULSORY COURSES			11	3	14
	ELECTIVE COURSES					6			ELECTIVE COURSES					6
	SEMESTER TOTAL					30			SEMESTER TOTAL					30

ELECTIVE COURSES														
0104101	Physical Education-I		E	1	1	0	2	0104102	Physical Education-II		E	1	1	0
0105101	Music-I		E	1	1	0	2	0105102	Music-II		E	1	1	0
5307010	Office Programs-I	(D)	E	1	1	2	2	5307020	Office Programs-II	(D)	E	1	1	2
5307011	Basic Principles Of Visual Design-I		E	2	0	2	2	5307021	Basic Principles Of Visual Design-II		E	2	0	2
5307012	Computer Law-I	(D)	E	2	0	2	2	5307022	Basics Of Network	(D)	E	2	0	2
5307013	Occupational Health And Safety	(D)	E	2	0	2	2	5307023	Content Management Systems	(D)	E	1	1	2
5307014	Research Methods And Techniques	(D)	E	2	0	2	2	5307024	Quality Assurance And Standards	(D)	E	2	0	2
5307015	Information Security	(D)	E	2	0	2	2	5307025	First Aid		E	2	0	2
									Joint Elective Course*		E			

SECOND YEAR														
CODE	2. YEAR - FALL SEMESTER (3. SEMESTER)	COMPULSORY/ ELECTIVE	T	A	L	ECTS	CODE	2. YEAR - SPRING SEMESTER (4. SEMESTER)	COMPULSORY/ ELECTIVE	T	A	L	ECTS	
0101101	Turkish Language-I	(D)	C	2	0	2	2	0101102	Turkish Language-II	(D)	C	2	0	2
5307201	Visual Programming-I		C	3	1	4	4	5307202	Visual Programming-II		C	3	1	4
5307203	Internet Programming-I		C	3	1	4	4	5307204	Internet Programming-II		C	3	1	4
5307205	Animated Graphics-I		C	2	1	3	4	5307206	Animated Graphics-II		C	2	1	3
5307207	Database-II	(D)	C	2	1	3	4	5307208	Server Operating System	(D)	C	2	1	3
0112100	Digital Literacy	(D)	C	2	0	0	3	5307210	System Analysis And Design	(D)	C	2	1	3
	COMPULSORY COURSES			14	4	16	21		COMPULSORY COURSES			14	5	19
	ELECTIVE COURSES					9			ELECTIVE COURSES				9	
	SEMESTER TOTAL					30			SEMESTER TOTAL				30	

ELECTIVE COURSES														
5307030	Computer Architecture	(D)	E	2	0	2	2	5307040	Software Architecture	(D)	E	2	0	2
5307031	Mobile Programming-I		E	2	1	3	3	5307041	Mobile Programming-II		E	2	1	3
5307032	Game Programming - I		E	2	1	3	3	5307042	Game Programming - II		E	2	1	3
5307033	Robotic Programming - I		E	2	1	3	3	5307043	Robotic Programming - II		E	2	1	3
5307034	Vocational Foreign Language-I	(D)	E	2	0	2	2	5307044	Professional Foreign Language-II	(D)	E	2	0	2
5307035	E-Commerce		E	2	1	2	4	5307045	Signal And Image Processing		E	2	1	3
5307036	Computer Aided Drawing		E	2	1	3	4	5307046	Computer Aided Design-II		E	2	1	3
	Joint Elective Course*		E						Joint Elective Course*		E			

COMPULSORY COURSES	82 ECTS	(%68,3)
ELECTIVE COURSES	30 ECTS	(%25,0)
INTERSHIP	8 ECTS	(%6,7)
TOTAL	120 ECTS	(%100,0)

*It is a course selected from the Rectorate Joint Elective Courses pool. In order to graduate, the student must take at least one and at most two joint elective courses. The joint elective course can be taken in any semester except the first semester. Since the joint elective course to be taken will be counted as the departmental elective course for that semester, the course with the appropriate ECTS must be chosen.

(D) It refers to the courses to be given through Distance Education.