

T.R.
KİLİS 7 ARALIK UNIVERSITY
VOCATIONAL SCHOOL OF TECHNICAL SCIENCES
CONSTRUCTION DEPARTMENT
CONSTRUCTION TECHNOLOGY PROGRAM
COURSE CATALOG (2020-2021)

FIRST YEAR													
CODE	1st CLASS 1st SEMESTER	STATUS	T	A	Cr	ECTS	CODE	1st CLASS 2nd SEMESTER	STATUS	T	A	Cr	ECTS
0102101	Ataturk's Principles and History of Revolution-I (*)	RC	2	0	2	2	0102102	Ataturk's Principles and History of Revolution-II	RC	2	0	2	2
0103101	English-I (*)	RC	3	0	3	3	0103102	English-II (*)	RC	3	0	3	3
5302101	Mathematics-I	RC	3	0	3	3	5302102	Mathematics-II	RC	2	0	2	2
5302103	Building Technology-I	RC	3	0	3	3	5302104	Building Technology-II	RC	3	0	3	3
5302105	Technical Drawing	RC	2	1	3	4	5302106	Building Statics	RC	3	0	3	3
5302107	Mechanical and Static	RC	3	0	3	3	5302108	Concrete Technology	RC	3	0	3	3
5302109	Construction materials	RC	2	1	3	4							
5302111	Scientific Principles of Construction Technology	RC	2	0	2	2							
								Internship	RC				8
	REQUIRED COURSES		20	2	22	24		REQUIRED COURSES		16	0	16	24
	ELECTIVE COURSES					6		ELECTIVE COURSES					6
	SEMESTER TOTAL					30		SEMESTER TOTAL					30

CODE	ELECTIVE COURSES						CODE	ELECTIVE COURSES					
0104101	Physical Education-I	EC	1	1	0	2	0104102	Physical Education-II	EC	1	1	0	2
0105101	Music-I	EC	1	1	0	2	0105102	Music-II	EC	1	1	0	2
5302010	Building Installations	EC	2	0	2	2	5302020	Contemporary Building Techniques	EC	2	0	2	2
5302011	Insulation Techniques	EC	2	0	2	2	5302021	Project Reading and Control (*)	EC	2	0	2	2
5302012	Structural Analysis (*)	EC	2	0	2	2	5302022	Prefabricated Buildings (*)	EC	2	0	2	2
5302013	Professional Ethics (*)	EC	2	0	2	2	5302023	Urbanism and Planning (*)	EC	2	0	2	2
5302014	Occupational Health and Safety-I (*)	EC	2	0	2	2	5302024	Occupational Health and Safety-II (*)	EC	2	0	2	2
								Joint Elective*	EC				

SECOND YEAR													
CODE	2nd CLASS 1st SEMESTER	STATUS	T	A	Cr	ECTS	CODE	2nd CLASS 2nd SEMESTER	STATUS	T	A	Cr	ECTS
0101101	Turkish Language-I (*)	RC	2	0	2	2	0101102	Turkish Language-II (*)	RC	2	0	2	2
0112100	Digital Literacy (*)	RC	2	0	0	3	5302202	Construction Site Organization	RC	3	0	3	3
5302201	Professional Practices	RC	3	1	4	4	5302204	Computer Aided Design	RC	2	1	3	4
5302203	Building Quantity and Cost	RC	3	0	3	3	5302206	Soil Mechanics-II	RC	2	1	3	4
5302205	Computer Aided Drawing	RC	2	1	3	3	5302208	Land Surveys	RC	2	1	3	3
5302207	Soil Mechanics-I	RC	2	1	3	3	5302210	Project Study and Implementation	RC	4	1	5	5
5302209	Reinforced concrete	RC	3	0	3	3							
	REQUIRED COURSES		17	3	18	21		REQUIRED COURSES		15	4	19	21
	ELECTIVE COURSES					9		ELECTIVE COURSES					9
	SEMESTER TOTAL					30		SEMESTER TOTAL					30

CODE	ELECTIVE COURSES						CODE	ELECTIVE COURSES					
5302030	Water Supply and Transmission	EC	2	1	3	4	5302040	Hydraulics and Hydrology	EC	2	1	3	4
5302031	Highway Construction	EC	2	1	3	4	5302041	Steel Structures	EC	2	1	3	4
5302032	3D Drawing	EC	2	1	3	4	5302042	3D Design	EC	2	1	3	4
5302033	Resistance	EC	2	0	2	3	5302043	Advanced Mold Technology (*)	EC	2	0	2	3
5302034	Earthquake and Earthquake Protection	EC	2	0	2	3	5302044	Structure Repair and Reinforcement	EC	2	0	2	3
5302035	Building Information and Zoning Legislation (*)	EC	2	0	2	3	5302045	Wooden Structures (*)	EC	2	0	2	3
5302036	Professional Foreign Language-I (*)	EC	2	0	2	2	5302046	Professional Foreign Language-II (*)	EC	2	0	2	2
5302037	Statistics	EC	2	0	2	2	5302047	Quality Assurance and Standards (*)	EC	2	0	2	2
5302038	Research Methods and Techniques (*)	EC	2	0	2	2	5302048	Business Administration	EC	2	0	2	2
							5302049	Entrepreneurship	EC	2	0	2	2
	Joint Elective*	EC						Joint Elective*	EC				

REQUIRED COURSES	82 ECTS	(%68,3)
ELECTIVE COURSES	30 ECTS	(%25,0)
INTERNSHIP	8 ECTS	(%6,7)
TOTAL	120 ECTS	(%100,0)
(*) DISTANCE EDUCATION COURSES	46 ECTS	(%38,33)

* It is a course selected from the Rectorate Common Elective Courses pool. In order to graduate, the student must take at least one and at most two common elective courses. The common elective course can be taken in any semester except the first semester. Since the common 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.