

**FIRAT UNIVERSITY - KARAKOÇAN VOCATIONAL HIGH SCHOOL**  
**CONSTRUCTION DEPARTMENT- BUILDING INSPECTION PROGRAM**  
**COURSE PLAN**

1st YEAR - I. SEMESTER						1st YEAR - II. SEMESTER					
Course Code	Course Name	T	U	K	ECTS	Course Code	Course Name	T	U	K	ECTS
<b>AIT-101</b>	Atatürk's Principles and Revolution History-I	2	0	2	2	<b>AIT-102</b>	Atatürk's Principles and Revolution History-II	2	0	2	2
<b>TDI-101</b>	Turkish Language-I	2	0	2	2	<b>TDI-102</b>	Turkish Language-II	2	0	2	2
<b>YDI-101</b>	Foreign Language-I	2	0	2	2	<b>YDI-102</b>	Foreign Language-II	2	0	2	2
<b>MAT-101</b>	Mathematics-I	2	0	2	4	<b>MAT-102</b>	Mathematics-II	2	0	2	4
<b>KYD-101</b>	Mechanics and Statics	3	0	3	4	<b>KYD-102</b>	Structural Analysis	3	0	3	5
<b>KYD-103</b>	Building Technology	2	2	3	6	<b>KYD-104</b>	Strength of Materials	3	0	3	5
<b>KYD-105</b>	Building Materials Science	2	2	3	6	<b>KYD-106</b>	Land Surveying	2	2	3	6
	Elective Courses (*)	2	0	2	2		Elective Courses (*)	2	0	2	2
	Elective Courses (*)	2	0	2	2		Elective Courses (*)	2	0	2	2
<b>TOTAL</b>		<b>19</b>	<b>4</b>	<b>21</b>	<b>30</b>	<b>TOTAL</b>		<b>20</b>	<b>2</b>	<b>21</b>	<b>30</b>
(*) ELECTIVE COURSES (Two courses will be chosen from the following courses)						(*) ELECTIVE COURSES (Two courses will be chosen from the following courses)					
<b>KYD-107</b>	Occupational Health and Safety	2	0	2	2	<b>KYD-108</b>	Professional Ethics	2	0	2	2
<b>KYD-109</b>	Information and Communication Technologies	2	0	2	2	<b>KYD-110</b>	Damage in Buildings	2	0	2	2
<b>KYD-111</b>	Technical Infrastructure	2	0	2	2	<b>KYD-112</b>	Geographic Information Systems	2	0	2	2
<b>KYD-113</b>	Building Installation Technology	2	0	2	2	<b>KYD-114</b>	Directed Study	2	0	2	2
						<b>KYD-116</b>	Research Methods and Techniques	2	0	2	2
2st YEAR - I. SEMESTER						2st YEAR - II. SEMESTER					
Course Code	Course Name	T	U	K	ECTS	Course Code	Course Name	T	U	K	ECTS
<b>KYD-201</b>	Computer-Aided Drawing	2	2	3	5	<b>KYD-202</b>	Building Inspection Applications	2	2	2	4
<b>KYD-203</b>	Building Inspection	2	0	2	3	<b>KYD-204</b>	Reinforced Concrete	4	0	4	4
<b>KYD-205</b>	Geotechnical Knowledge	2	0	2	2	<b>KYD-206</b>	Office and Site Organization	2	2	3	5
<b>KYD-207</b>	Concrete Technology	2	2	3	4	<b>KYD-208</b>	Excavation and Measurement Works	2	2	3	5
<b>KYD-209</b>	Water Supply and Wastewater	2	0	2	2	<b>KYD-210</b>	Project Reading and Application	2	2	3	3
<b>KYD-211</b>	Highway Construction	3	0	3	4	<b>KYD-212</b>	Computer-Aided Design	2	2	3	5
<b>KYD-213</b>	Internship Evaluation	0	2	1	6		Elective Courses (*)	2	0	2	2
	Elective Courses (*)	2	0	2	2		Elective Courses (*)	2	0	2	2
	Elective Courses (*)	2	0	2	2	<b>TOTAL</b>		<b>18</b>	<b>10</b>	<b>22</b>	<b>30</b>
<b>TOTAL</b>		<b>17</b>	<b>6</b>	<b>20</b>	<b>30</b>	(*) ELECTIVE COURSES (Two courses will be chosen from the following courses)					
(*) ELECTIVE COURSES (Two courses will be chosen from the following courses)						<b>KYD-214</b>	Quality Assurance and Standards	2	0	2	2
<b>KYD-215</b>	Professional Legal Knowledge	2	0	2	2	<b>KYD-216</b>	Real Estate Valuation	2	0	2	2
<b>KYD-217</b>	Zoning Knowledge	2	0	2	2	<b>KYD-218</b>	Wood and Steel Structures	2	0	2	2
<b>KYD-219</b>	Prefabricated Structures	2	0	2	2	<b>KYD-220</b>	Scaffolding and Formwork	2	0	2	2
<b>KYD-221</b>	System Analysis and Design	2	0	2	2	<b>KYD-222</b>	Earthquake-Based Building Design Applications	2	0	2	2
<b>KYD-223</b>	Insulation Technology	2	0	2	2	<b>KYD-224</b>	Infrastructure Structures	2	0	2	2