

T+A1:AB147OTAL COURSE - PROGRAMME OUTCOMES RELATIONSHIP

1st Year - 1st Semester					Programme Outcomes																				
Course Code	Course Name	T	P	ECTS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11										
INS1001	Mathematics I	4	2	6	5	0	0	0	0	2	0	2	3	0	0										
INS1003	Physics I	3	1	5	5	1	2	3	3	2	0	3	2	1	0										
INS1005	General Chemistry	2	1	4	5	3	0	2	3	3	0	5	0	0	0										
INS1007	Linear Algebra	3	0	3	5	0	1	3	0	0	0	2	1	0	0										
INS1009	Introduction to Civil Engineering	2	0	2	0	0	1	3	2	3	2	2	3	3	3										
TDL1011	Turkish Language I	2	0	2	0	0	0	0	0	0	3	0	0	0	0										
YDL1013	Foreign Language I	3	0	3	0	0	0	0	0	0	3	0	0	0	0										
ATA1015	Ataturk Principles And The History of Revolution I	2	0	2	0	0	0	0	0	0	0	0	0	0	0										
ENF1021	Basic Computer	2	2	3	0	0	0	3	0	2	0	3	0	0	0										

1st Year - 2nd Semester					Programme Outcomes																				
Course Code	Course Name	T	P	ECTS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11										
INS1002	Mathematics II	4	2	6	5	0	0	0	0	2	0	2	3	0	0										
INS1004	Physics II	2	1	4	5	1	2	3	3	2	0	3	2	1	0										
INS1006	Computer Aided Technical Drawing	2	1	5	0	0	5	4	0	1	2	3	1	0	0										
INS1008	Computer Programming	2	0	3	4	5	4	3	2	5	1	5	1	0	2										
INS1010	Statics	4	0	5	3	5	3	3	0	3	1	0	2	0	0										
TDL1012	Turkish Language II	2	0	2	0	0	0	0	0	0	3	0	0	0	0										
YDL1014	Foreign Language II	3	0	3	0	0	0	0	0	0	3	0	0	0	0										
ATA1016	Ataturk Principles And The History of Revolution II	2	0	2	0	0	0	0	0	0	0	0	0	0	0										

2nd Year - 3rd Semester					Programme Outcomes																				
Course Code	Course Name	T	P	ECTS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11										
INS2001	Strength of Materials I	3	0	4	5	4	4	0	0	1	0	1	0	0	0										
INS2003	Dynamics	3	0	4	4	5	4	3	0	3	0	0	2	0	0										
INS2005	Materials Science	3	0	4	1	4	2	2	2	2	2	2	2	3	2										
INS2007	Differential Equations	4	0	6	4	3	0	0	0	3	0	0	0	0	0										
	Technical Elective Course	3	0	5																					
	General Elective Course	2	0	4																					
	Probation	0	0	3	3	4	3	3	2	5	2	3	5	5	5										

2nd Year - 4th Semester					Programme Outcomes											
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INS4052	Reinforced Concrete III	3	0	4	4	3	3	3	0	0	0	0	3	0	0											
INS4054	Non-Destructive Testing Methodds in Concrete	3	0	4	2	2	4	5	5	3	4	5	3	3	0											
INS4056	Introduction to Finite Element Method	3	0	4	4	5	4	3	0	0	0	3	3	0	0											
INS4058	Repair and Retrofittingin Structures	3	0	4	3	2	2	0	0	0	0	3	0	0	0											
INS4060	Professional Foreign Language	3	0	4	0	0	0	0	0	0	5	0	0	0	0											

4th Year - 8th Semester Technical Design Elective Courses					Programme Outcomes																						
Course Code	Course Name	T	P	ECTS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11												
INS4062	Design of Reinforced Concrete Structures	2	1	6	3	3	5	3	0	3	0	0	3	0	3												
INS4064	Design of Steel Structures	2	1	6	3	3	5	3	3	3	0	2	3	0	3												
INS4066	Design of Water Supply Systems	2	1	6	3	3	5	3	2	4	2	3	2	3	3												
INS4068	Design of Hydraulic Structures	2	1	6	5	5	5	3	0	5	2	2	0	5	4												
INS4070	Foundation Design of Structures	2	1	6	4	5	5	3	0	3	0	0	3	0	3												
INS4072	Highway Design	2	1	6	5	4	5	3	0	3	0	0	3	0	3												

4th Year - 8th Semester Technical Computer Application Elective Courses					Programme Outcomes																						
Course Code	Course Name	T	P	ECTS	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11												
INS4074	Computer Applications in Geotechnical Engineering	3	1	5	3	4	4	3	0	3	0	2	3	0	0												
INS4076	Computer Applications in Hydrolics Engineering	3	1	5	3	5	4	5	0	4	0	2	3	0	3												
INS4078	Computer Applications in Transportaion Engineering	3	1	5	5	4	5	5	0	3	0	0	3	0	3												
INS4080	Computer Applications in Structural Mechanics	3	1	5	5	4	4	4	0	3	0	0	3	0	0												
INS4082	Computer Applications in Structural Engineering	3	1	5	4	4	2	5	0	3	0	0	3	0	0												

Level of Contribution: 0-None, 1-Lowest, 2-Low, 3-Average, 4-High, 5-Highest