

1st SECTION				2nd SECTION										
	CODE	COURSE NAME	ECTS	PROGRAM COMPETENCIES										
				PR1	PR2	PR3	PR4	PR5	PR6	PR7	PR8	PR9	PR10	
				Basic Education Courses Relevant to the Field										
				General Common Courses										
General Culture Elective Courses														
Professional Knowledge Courses														
1st Year, 1st Semester	MTH113	Linear Algebra	5	5	4	3	3	1	1	2	1	1	1	
	AI102	Programming and Problem Solving	5	4	5	4	3	2	2	3	2	1	1	
	MTH101	Calculus I	5	5	3	2	2	1	1	2	1	1	1	
	PHY101	General Physics I	5	5	3	2	2	1	1	2	1	1	1	
	CHM101	General Chemistry I	5	5	2	1	2	1	1	1	1	1	1	
	ENG101	English I	3											
	CAM100	Campus Orientation	2											
1st Year, 2nd Semester	AI104	Discrete Structures	5	5	4	3	2	1	1	2	1	1	1	
	AI108	Object Oriented Programming	6	4	5	4	3	2	3	3	2	2	1	
	MTH102	Calculus II	6	5	3	2	2	1	1	2	1	1	1	
	PHY102	General Physics II	6	5	3	2	2	1	1	2	1	1	1	
	ENG102	English II	3											
	CAR100	Career Planning	2											
	GEC351	21st Century Skills	2											
2nd Year, 1st Semester	AI001	Logic Design	6	4	4	5	3	2	1	2	2	1	1	
	AI201	Data Structures & Algorithms	6	4	5	4	3	2	2	3	2	1	1	
	AIE201	AI Principles and Techniques	3	4	5	4	4	3	3	3	3	2	2	
	MTH201	Diferential Equations	6	5	3	2	2	1	1	2	1	1	1	
	AI007	Multimedya Sistemleri	5	3	4	5	3	3	3	3	3	2	1	
	AIT103	Atatürk Principles and Reforms I	2											
	YIT101	Turkish for Foreigners I	2											
2nd Year, 2nd Semester	AI202	Database Management Systems	5	3	4	4	3	3	5	3	3	2	2	
	AIE206	Reasoning and Agents in AI	7	4	5	4	4	3	3	3	3	2	2	
	MTH251	Probability and Statistics	6	5	4	3	4	1	1	2	1	1	1	
	AIE299	Summer Training I	6	3	3	3	3	4	3	3	5	4	4	
	AIT104	Atatürk Principles and Reforms II	2											
	CHC100	Cyprus History and Culture	2											
	YIT102	Turkish for Foreigners II	2											
3rd Year, 1st Semester	AI302	Operating Systems	6	4	4	5	3	2	3	3	2	1	1	
	AIE301	Pattern Recognition	5	4	4	4	5	3	3	4	3	2	2	
	ENG201	Oral Communication Skills	4	1	1	1	1	4	4	3	5	3	3	
	AIE303	Natural Language Processing	3	4	4	4	5	3	4	4	3	2	2	
	AI439	Occupational Health and Safety I	4	1	1	1	1	2	1	2	2	4	5	
	AI427	Management for Engineers	5	1	2	2	1	4	3	3	5	4	3	
	AIE204	Neural Computation	3	4	5	4	4	2	2	4	2	2	2	
3rd Year, 2nd Semester	AIE302	Introduction to Machine Learning	7	4	4	4	5	3	3	4	3	2	2	
	AI303	Data Communications and Networks	5	3	4	5	3	3	2	2	3	2	1	
	AIE304	Learning in Humans	5	4	2	2	2	3	3	5	3	3	3	
	AIE306	Deep Learning	5	4	4	4	5	3	4	4	3	2	2	
	AI440	Occupational Health and Safety II	2	1	1	1	1	2	1	2	2	4	5	
	AIE399	Summer Training II	6	3	3	3	3	4	3	3	5	4	4	
	AIE401	Introduction to Robotics	7	4	4	5	4	3	2	3	3	2	2	
4th Year, 1st Semester	AIE403	Computer Vision	7	4	4	4	5	3	3	4	3	2	2	
	AIE491	Senior Project I	6	4	4	4	4	5	4	4	5	4	4	
	TE	Technical Elective	5	4	4	4	5	3	4	4	3	2	2	
	TE	Technical Elective	5	4	4	4	5	3	4	4	3	2	2	
4th Year, 2nd Semester	AI429	Engineering Ethics	6	1	1	1	1	3	2	3	3	4	5	
	AIE492	Senior Project II	7	4	4	4	4	5	4	4	5	4	4	
	AIE402	Speech Processing	7	4	4	4	5	3	4	4	3	2	2	
	TE	Technical Elective	5	4	4	4	5	3	4	4	3	2	2	
TE	Technical Elective	5	4	4	4	5	3	4	4	3	2	2		

Total Courses: 51 Total ECTS: 240

NOTE: In the matrix, 1 indicates "very low," 2 "low," 3 "medium," 4 "high," and 5 "very high" contribution.