Course and Program Outcomes Matrix

Course Code	Course Name	1	2	3	4	5	6	7	8	9	10	11	12	13
Program Outcomes														
1st Year - 1st Semester														
MTH113	Linear Algebra		2	5			3	4						
ECC102	Programming and Problem Solving		3	5			4	5						
CHM101	General Chemistry							2						
PHY101	General Physics I							2						
ENG101	English I												5	
MTH101	Calculus I		2	5			3	4						
YIT101	Turkish for Foreigners I													5
CAM101	Campus Orientation													1
1st Year - 2nd Semester														
ECC104	Discrete Structures	5		3			4		3	3		2	2	
ENG102	English II												5	
MTH102	Calculus II		2	5			3	4						
PHY102	General Physics II							2						
ECC108	Object Oriented Programming	3		3		5	4	4	4		3		3	
YIT102	Turkish for Foreigners II													5
CHC100	Cyprus History and Culture													3
CAR100	Career Planning								5					
2nd Year - 1st Semester														
ECC001	Logic Design	5		3		4		4	4					
ECC201	Data Structures & Algorithms	3		5		4	4		4		5	3		
AIE201	AI: Principles and Techniques			4		4	5		4	5	3			
MTH201	Differential Equations		3	5				4	5					
ECC007	Multimedia Systems	4	1	3		4	3			5	5	5		
AIT103	Atatürk Principles & Reforms I												3	4
2nd Year - 2nd Semester														
ECC202	Database Management Systems	3		3		5		4	4	4	5	3	2	
AIE204	Neural Computation	3	2	3	2	5	5	3	4	4			3	
AIE206	Reasoning and Agents in AI	2		2			5		4	5		2	3	

Code	Course	1	2	3	4	5	6	7	8	9	10	11	12	13	14
MTH251	Probability and Statistics	5						4							
AIT104	Atatürk Principles & Reforms II												3		4
COM200	Summer Training I					5	5	4	5						
3rd Year - 1st Semester															
ECC302	Operating Systems		2	3			5			5		5			
AIE301	Pattern Recognition	2	3			5			5	4		5	4		
ENG201	Oral Communication Skills												4		5
AIE303	Natural Language Processing	2	3			4			5	4		5	4		4
ECC439	Occupational Health and Safety I								5						
3rd Year - 2nd Semester															
AIE302	Introduction to Machine Learning	2	3			5	4	5		4	5		4		
ECC303	Data Communications and Networking			2	3		5			5		5			
AIE304	Learning in Humans		2	3			5			5		5			
AIE306	Deep Learning	2	3			5	4	5		4	5		4		
ECC440	Occupational Health and Safety II								5						
AIE399	Summer Training II					5	5	4	5						
4th Year - 1st Semester															
AIE401	Introduction to Robotics		2	3		5	4	5		4	5				4
AIE403	Computer Vision	2	3			5	4	5		4	5		4		
AIE491	Senior Project I					5	5	4	5			5		5	
4th Year - 2nd Semester															
ECC429	Engineering Ethics									5					
AIE492	Senior Project II					5	5	4	5						
AIE402	Speech Processing	2	3			5	4	5		4	5		4		
Technical (Field-Related) Elective Courses															
ECC419	Image Processing		2	3		5	4	5		4	5				4
ECC415	Decision Making	2	3			5	4	5		4	5		4		
AIE411	Advanced Data Analysis	3		3		5			4	4	4	5	3	2	
AIE412	Information Retrieval and Web Search		4	1	3		4	3					5	5	5
AIE413	Human-Robot Interaction	3		3		5			4	4	4	5	3	2	
AIE414	Deep Reinforcement Learning and Control	3		3		5			4	4	4	5	3	2	
AIE415	Mobile Robot Programming		2	3				4	5		3		3		

Course	Title												
AIE416	Autonomous Agents		4		5		5					5		
AIE417	Introduction to Quantum Computing		4	1	3		4	3				5	5	5
AIE418	Computer Animation & Visualization	4	1	3		4	3			5	5	5		
AIE419	Algorithmic Game Theory and its Applications	4	1	3		4	3			5	5	5		
AIE420	Fuzzy Systems		4	1	3		4	3				5	5	5
Non-Technical (Non-Field Related) Electives														
Xxx 000														
Xxx 000														

* 1 Lowest, 2 Low, 3 Average, 4 High, 5 Highest