

Relationship between Course & Program Outcomes Matrix

		Program Outcomes												
Course Code	Course Name	1	2	3	4	5	6	7	8	9	10	11	12	13
1st Year - 1st Semester														
ENG 101	English I	-	-	-	-	-	-	-	2	-	-	4	5	3
COM 001	Computer Engineering Orientation	4	2	-	1	-	3	-	3	3	3	-	-	1
CAM100	Campus Orientation	-	-	-	-	-	-	-	1	-	-	1	-	3
MTH 101	Calculus I	5	4	4	2	-	2	-	-	-	-	-	-	2
PHY 101	General Physics I	5	4	4	2	-	2	-	-	-	-	-	-	2
All 106	Introduction to Programming	2	5	4	5	4	4	-	-	-	-	-	-	-
CHM 101	General Chemistry	5	4	-	2	-	2	-	-	-	-	-	-	2
YIT101	Turkish I for Foreigners	-	-	-	-	-	-	5	-	-	-	-	-	3
1st Year - 2nd Semester														
ENG 102	English II	-	-	-	-	-	-	-	2	-	-	4	5	3
All 104	Discrete Structures	5	4	3	4	3	2	-	-	-	-	-	-	-
MTH 102	Calculus II	5	4	4	2	2	-	-	-	-	-	-	-	2
PHY 102	General Physics II	5	4	4	2	2	-	-	-	-	-	-	-	2
All 102	Programming & Problem Solving	3	3	5	5	4	3	-	-	-	-	-	-	-
YIT102	Turkish for Foreigners	-	-	-	-	-	-	-	1	-	-	1	-	3
GEC351	21st Century Skills	-	-	-	-	-	1	-	2	4	3	-	-	3
2nd Year - 1st Semester														
All 001	Logic Design	4	5	4	3	5	2	-	-	-	-	-	-	2
All 201	Data Structures & Algorithms	4	4	5	4	4	1	-	-	-	-	-	-	1
All 204	Electrical Circuits	5	3	4	3	3	1	-	-	-	-	-	-	1
MTH 201	Differential Equations	5	3	4	4	4	-	-	-	-	-	-	-	1
AIT 103	Atatürk Principles & Reforms I	-	-	-	-	-	-	-	2	5	3	-	-	3
MTH 113	Linear Algebra	5	4	3	2	1	-	-	-	-	-	-	-	1
2nd Year - 2nd Semester														
All 202	Database Management Systems	3	3	4	4	4	-	-	-	-	-	-	-	-

ENG 201	English Communication Skills	-	-	-	-	-	-	-	-	-	-	4	5	3
AII203	Computer Architecture and Organization	5	3	3	4	2	-	-	-	-	-	-	-	1
AII 205	Basic Electronics	4	3	5	2	3	-	-	-	-	-	-	-	3
RE	Introduction to Molecular Biology or any of Mat.& Basic Sciences Electives	5	4	1	4	3	-	-	-	-	-	-	-	-
AIT104	Atatürk Principles & Reforms II	-	-	-	-	-	-	-	2	5	3	-	-	3
COM 200	Summer Training I	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd Year - 1st Semester														
COM 344	Automata Theory	5	4	4	3	3	2	-	-	-	-	-	-	-
AII 302	Operating Systems	4	4	4	3	3	2	-	-	-	-	-	-	-
COM 362	Signals and Systems for Computer Engineers	5	5	4	5	3	2	-	-	-	-	-	-	-
COM 339	Programming Language Concepts	2	5	3	3	3	2	-	-	-	-	-	-	-
MTH 251	Probability and Statistics	5	2	-	2	1	-	-	-	-	-	-	-	1
CAR100	Career Planning	-	-	-	-	-	-	-	1	-	-	1	-	3
3rd Year - 2nd Semester														
AII351	Embedded Systems	5	4	4	4	2	2	-	-	-	-	-	-	-
AII 303	Data Communications and Networking	2	5	2	4	4	2	-	-	-	-	-	-	-
AII 002	Systems Simulation	2	5	2	3	-	2	-	-	-	-	-	-	-
COM 333	Operational Research	5	5	5	5	2	2	-	-	-	-	-	-	-
COM 382	Real Time Systems	5	4	4	4	2	1	-	-	-	-	-	-	1
COM 300	Summer Training II	-	-	-	-	-	-	-	-	-	-	-	-	-
4th Year - 1st Semester														
COM 490	Engineering Design I	4	5	5	4	5	5	-	2	2	2	-	-	5
AII 003	Software Engineering	2	4	5	4	3	4	-	-	-	-	-	-	2
TE	Technical Elective	-	-	-	-	-	-	-	-	-	-	-	-	-
TE	Technical Elective	-	-	-	-	-	-	-	-	-	-	-	-	-
TE	Technical Elective	-	-	-	-	-	-	-	-	-	-	-	-	-
CHC100	Cyprus: History and Culture	-	-	-	-	-	1	2	1	3	4	1	1	4
4th Year - 2nd Semester														
COM 491	Engineering Design II	4	5	5	4	5	5	-	-	2	2	3	-	5
AII426	Economics For Engineers	2	-	-	-	-	-	-	2	2	-	2	-	5

AII439	Occupational Health and Safety	-	-	2	3	-	1	1	5	4	4	-	-	3
TE	Technical Elective	-	-	-	-	-	-	-	-	-	-	-	-	-
TE	Technical Elective	-	-	-	-	-	-	-	-	-	-	-	-	-
FE	Free Elective	-	-	-	-	-	-	-	-	-	-	-	-	-
Technical (Field-Related) Elective Courses														
AII 005	Internet Programming	4	3	3	3	-	2	-	-	-	-	-	-	-
AII 413	Introduction to Artificial Intelligence	4	4	4	4	4	-	2	-	-	-	-	-	-
AII415	Decision Making	4	4	4	4	4	-	2	-	-	-	-	-	-
AII 006	Web Design and Programming	3	-	3	4	-	-	-	-	-	-	-	-	-
AII 402	Computer Graphics	4	3	2	-	-	-	-	-	-	-	-	-	-
AII 411	Digital Signal Processing	4	3	4	3	1	-	-	-	-	-	-	-	-
AII 007	Multimedia Systems	3	3	4	3	4	3	-	-	-	-	2	-	-
COM 447	Advanced Operating System	2	1	3	5	3	-	-	-	3	-	-	-	-
COM448	Cryptography and Network Security	2	2	3	4	-	3	-	-	-	-	-	-	-
AII 408	Advanced Object Oriented Programming	4	4	4	5	2	4	-	-	-	-	3	-	4
AII 409	Object Oriented Programming II	4	4	4	5	2	-	-	-	-	-	-	-	-
COM447	Advanced Operating System	2	2	3	4	2	3	-	-	-	-	-	-	-
AII 404	Neural Networks	4	5	4	3	1	-	-	-	-	-	-	-	-
COM 410	Parallel Computer Architecture	3	5	4	-	-	4	-	-	-	-	-	-	-
AII 401	Microprocessor Systems	4	3	4	4	-	-	-	-	-	-	-	-	-
COM414	Digital Control Systems	5	5	4	3	3	2	-	-	-	-	-	-	-
AII 417	Mobile Computing	4	3	4	4	-	3	-	-	-	-	-	-	-
AII 406	System Programming	3	3	3	4	2	-	-	-	-	-	-	-	-
COM 452	Introduction to Parallel Computing	2	4	5	3	3	-	-	-	-	-	-	-	-
COM 454	Advanced Computer Architecture and Organization	2	4	5	3	4	-	-	-	-	-	-	-	-
COM 416	Computer Networks	2	5	4	3	2	-	-	-	-	-	-	-	-
COM 430	Programming Languages I	5	4	4	5	2	4	-	-	-	-	3	-	3
AII 407	Programming Languages II	3	4	4	4	4	3	-	-	-	-	2	-	-
COM 414	Digital Control Systems	5	5	5	5	-	3	-	-	-	-	-	-	-
AII 405	Computer Hardware	4	4	4	4	3	-	-	-	-	-	-	-	-

COM315	Algorithms	5	5	4	4	3	-	-	-	-	-	-	-	-
All 412	Database Applications	4	5	3	5	3	2	-	-	-	-	-	-	-
All 419	Digital Image Processing	2	4	4	3	3	1	-	-	-	-	-	-	-
COM 471	Hardware Design using FPGAs	4	4	4	5	2	4	-	-	-	-	3	-	2
All 415	Decision Making	5	4	4	4	4	-	2	-	-	-	-	-	-
All423	Introduction to Robotic Systems	4	4	-	3	3	1	-	-	-	-	-	-	-
All445	Introduction to Machine Learning	5	4	5	4	4	-	2	-	-	-	-	-	-
All341	Computer Network Design	2	2	3	2	2	4	-	1	-	-	-	-	2

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