

4D

MATHEMATICS & COMPUTER SCIENCE

	REF_CODE	COURSE_CODE	COURSE NAME	CR
1	4D711	MATH151	Calculus - I	4
2	4D712	MATH131	Analytic Geometry	3
3	4D713	MATH163	Discrete Mathematics	3
4	4D714	COMP183	Fundamentals of Computer Science - I	4
5	4D715	ENGL191	Communication in English - I	3
6	4D721	MATH152	Calculus - II	4
7	4D722	MATH106	Linear Algebra	3
8	4D723	PHYS101	Physics - I	4
9	4D724	COMP184	Fundamentals of Computer Science - II	4
10	4D725	ENGL192	Communication in English - II	3
11	4D731	MATH209	Real Analysis - I	4
12	4D732	COMP302	Computer Networks and Communication	3
13	4D733	COMP285	Design and Analysis of Algorithms	4
14	4D734	PHYS102	Physics - II	4
15	4D735	HIST280	Atatürk's Principles and History of Turkish Reforms	2
16	4D741	COMP351	Object Oriented Programming	3
17	4D742	MATH236	Complex Analysis	4
18	4D743	MATH207	Differential Equations	4
19	4D744	COMP286	Data Structures	4
20	4D745	UE01	University Elective - I	3
21	4D751	MATH337	Theory of Partial Differential Equations	4
22	4D752	COMP303	Internet Based Programming	4
23	4D753	AE01	Area Elective - I	3
24	4D754	AE02	Area Elective - II	3
25	4D755	UE02	University Elective - II	3
26	4D761	COMP306	Multimedia Design and Development	3
27	4D762	MATH373	Numerical Analysis for Engineers	3
28	4D763	COMP374	Database Management Systems	3
29	4D764	AE03	Area Elective - III	3
30	4D765	UE03	University Elective - III	3
31	4D771	MATH322	Probability and Statistical Methods	3
32	4D772	COMP403	Web Design	3
33	4D773	COMP485	Operating Systems	3
34	4D774	AE04	Area Elective - IV	3
35	4D775	UE04	Uni. Elective - IV	3
36	4D781	MATH404	Operational Research	3
37	4D782	MATH324	Statistics	3
38	4D783	COMP432	Programming Languages	4
39	4D784	AE05	Area Elective - V	3
40	4D785	UE05	Uni. Elective - Social & Behavioral Sciences-II	3

Total Credit 133