

SOFTWARE ENGINEERING

	REF_CODE	COURSE_CODE	COURSE NAME	CR
1	29711	CMPE101	Foundations of Computer Engineering	3
2	29712	MATH163	Discrete Mathematics	3
3	29713	ENGL191	Communication in English - I	3
4	29714	MATH151	Calculus - I	4
5	29715	PHYS101	Physics - I	4
6	29721	CMSE100	Introduction to Software Engineering	0
7	29722	CMPE112	Programming Fundamentals	4
8	29723	ENGL192	Communication in English - II	3
9	29724	MATH152	Calculus - II	4
10	29725	PHYS102	Physics - II	4
11	29726	HIST280	Atatürk's Principles and History of Turkish Reforms	2
12	29731	CMSE201	Fundamentals of Software Engineering	4
13	29732	CMPE211	Object Oriented Programming	4
14	29733	CMPE231	Data Structures	4
15	29734	MATH241	Linear Algebra and Ordinary Differential Equations	4
16	29735	UE01	University Elective - I	3
17	29741	CMSE222	Introduction to Computer Organization	4
18	29742	CMPE242	Operating Systems	4
19	29743	MATH373	Numerical Analysis for Engineers	3
20	29744	ENGL201	Communication Skills	3
21	29745	UE02	Uni.Elective - Arts & Humanities- I	3
22	29751	CMSE321	Software Requirements Analysis and Specification	4
23	29752	CMSE353	Security of Software Systems	4
24	29753	CMPE371	Analysis of Algorithms	4
25	29754	UE03	Uni. Elective - Art & Humanities - II	3
26	29755	MATH322	Probability and Statistical Methods	3
27	29761	CMSE322	Software Design	4
28	29762	CMPE318	Programming Language Design	4
29	29763	CMSE346	Computer Networks and Communication	4
30	29764	CMPE354	Database Management Systems	4
31	29765	CMSE326	Software Quality Assurance and Testing	4
32	29771	CMSE400	Summer Training	0
33	29772	CMSE405	Graduation Project - I	1
34	29773	CMPE471	Automata Theory	4
35	29774	CMSE473	Software Process and Management	4
36	29775	CMPE423	Embedded System Design	4
37	29776	AE01	Area Elective - I	3
38	29777	AE02	Area Elective - II	3
39	29781	AE03	Area Elective - III	3
40	29782	AE04	Area Elective - IV	3
41	29783	CMSE406	Graduation Project - II	3
42	29784	UE04	Uni. Elective - Social & Behavioral Sciences-I	3
43	29785	IENG355	Ethics in Engineering	3

Total Credit 142