

DEPARTMENT OF COMPUTER ENGINEERING

PREVIOUS CURRICULUM (1. Year 1. Semester)						
Code	Course Name	T	U	S	K	AKTS
PHY 1301	Physics I	2	2	4	3	5
MTH 1301	Mathematics I	4	0	4	4	6
CSE 1115	Introduction to Modern Biology	3	0	3	3	5
CSE 1111	Fundamentals of Computer Engineering	3	0	3	3	5
CSE 1113	Introduction to Programming	3	2	5	4	6
CSE 1117	Technical Writing	2	0	2	2	3
Semester Credit Sum:		17	4	21	19	30

PREVIOUS CURRICULUM (1. Year 2. Semester)						
Code	Course Name	T	U	S	K	AKTS
PHY 1302	Physics II	2	2	4	3	4
MTH 1302	Mathematics II	4	0	4	4	6
ENG 1122	Linear Algebra	2	0	2	2	2
CSE 1112	Discrete Structures	3	0	3	3	5
CSE 1114	Object Oriented Programming	3	2	5	4	8
CSE 1108	Engineering Ethics	2	0	2	2	3
SEC 1000	Non - Technical Elective Courses	2	0	2	2	2
Semester Credit Sum:		18	4	22	20	30

PREVIOUS CURRICULUM (2. Year 1. Semester)						
Code	Course Name	T	U	S	K	AKTS
MTH 2301	Differential Equations	4	0	4	4	6
CSE 2105	Data Structures	3	2	5	4	7
CSE 2101	Electrical Circuits and Electronics	3	2	5	4	7
TUR 1111	Turkish I	2	0	2	2	2
HIS 1101	Atatürk's Principles and History of Revolution I	2	0	2	2	2
CSE 2103	Formal Languages and Abstract Machines	3	0	3	3	6
Semester Credit Sum:		17	4	21	19	30

PREVIOUS CURRICULUM (2. Year 2. Semester)						
Code	Course Name	T	U	S	K	AKTS
CSE 2302	Probability and Statistics for Computer Engineers	3	0	3	3	5
CSE 2102	The Design and Analysis of Algorithms	3	0	3	3	6
TUR 1112	Turkish II	2	0	2	2	2
HIS 1102	Atatürk's Principles and History of Revolution II	2	0	2	2	2
CSE 2114	Logic Design	3	2	5	4	7
CSE 2116	Programming Languages	3	0	3	3	6
CSE 1001	Non - Technical Elective Courses	2	0	2	2	2
Semester Credit Sum:		18	2	20	19	30

PREVIOUS CURRICULUM (3. Year 1. Semester)						
Code	Course Name	T	U	S	K	AKTS
CSE 3101	Computer Organization	3	0	3	3	5
CSE 3103	Database Management	3	0	3	3	5
CSE 3105	Object Oriented Analysis and Design	3	0	3	3	5
CSE 3000	Summer Practice I	0	0	0	0	4
CSE 3109	Computer Engineering Design I	4	0	4	4	6
CSE 2000	Technical Elective Courses	3	0	3	3	5
Semester Credit Sum:		16	0	16	16	30

PREVIOUS CURRICULUM (3. Year 2. Semester)						
Code	Course Name	T	U	S	K	AKTS
CSE 3102	Operating Systems	3	0	3	3	6
CSE 3104	Microprocessor And Embedded Systems	3	2	5	4	7
CSE 3106	Data Communications and Computer Networks	3	0	3	3	6
CSE 3110	Computer Engineering Design II	4	0	4	4	6
CSE 2001	Technical Elective Courses	3	0	3	3	5
Semester Credit Sum:		16	2	18	17	30

PREVIOUS CURRICULUM (4. Year 1. Semester)						
Code	Course Name	T	U	S	K	AKTS
CSE 4000	Summer Practice II	0	0	0	0	4
CSE 4103	Software Engineering	3	0	3	3	5
CSE 4101	Graduation Project I	4	0	4	4	6
CSE 2002	Technical Elective Courses	3	0	3	3	5
CSE 2002	Technical Elective Courses	3	0	3	3	5
CSE 2002	Technical Elective Courses	3	0	3	3	5
Semester Credit Sum:		16	0	16	16	30

PREVIOUS CURRICULUM (4. Year 2. Semester)						
Code	Course Name	T	U	S	K	AKTS
CSE 2003	Technical Elective Courses	3	0	3	3	5
CSE 2003	Technical Elective Courses	3	0	3	3	5
CSE 2003	Technical Elective Courses	3	0	3	3	5
CSE 2003	Technical Elective Courses	3	0	3	3	5
CSE 4102	Graduation Project II	4	0	4	4	10
Semester Credit Sum:		16	0	16	16	30

Technical Electives

Code	Course Name	T	U	K	Akts
CSE 3111	Artificial Intelligence	3	0	3	5
CSE 3113	Introduction to Digital Image Processing	3	0	3	5
CSE 3115	Functional Programming	3	0	3	5
CSE 3117	Simulation and Modelling	3	0	3	5
CSE 3119	Automata Theory	3	0	3	5
CSE 3112	Prolog Programming and Expert Systems	3	0	3	5
CSE 3114	Computer Graphics	3	0	3	5
CSE 3116	Machine Learning	3	0	3	5
CSE 3118	Distributed Systems and Algorithms	3	0	3	5
CSE 3120	Data Mining	3	0	3	5
CSE 3122	Web Programming	3	0	3	5
CSE 4111	Wireless Sensor Networks	3	0	3	5
CSE 4113	Mobile Computing with Ios and Android	3	0	3	5
CSE 4115	Knowledge Engineering and Ontologies	3	0	3	5
CSE 4117	Biologically Inspired Algorithms	3	0	3	5
CSE 4119	Artificial Neural Networks	3	0	3	5
CSE 4109	Introduction to Robotics	3	0	3	5
CSE 4105	Compiler Design	3	0	3	5
CSE 4107	System Programming	3	0	3	5
CSE 4110	Semantic Web Technologies	3	0	3	5
CSE 4112	Computer Network Programming	3	0	3	5
CSE 4114	Game Programming	3	0	3	5
CSE 4116	Gpgpu Programming	3	0	3	5
CSE 4104	Human - Computer Interaction Design	3	0	3	5
CSE 4106	Parallel Programming	3	0	3	5
CSE 4108	Software Testing	3	0	3	5
CSE 4118	Numerical Analysis for Computer Engineers	3	0	3	5
CSE 4120	Network Security	3	0	3	5
CSE 4121	Foundations of E-commerce	3	0	3	5
CSE 4122	Advanced Database Management Systems	3	0	3	5
CBU 4401	Giriřimcilik	4	0	4	5
CSE 3201	.Net Programming	3	0	3	5
CSE 3203	.Net Web Programming	3	0	3	5
CSE 3205	Advanced Computer Networks	3	0	3	5