



Bachelor's Degree in Computer Engineering

Faculty Of Engineering

HOME

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GENERAL INFORMATION
FOR STUDENTS

Course Structure Diagram

First Semester		Theo.	Prac	Credits	ECTS
<u>PHYS 103</u>	GENERAL PHYSICS I	3	2	4	7
<u>MATH 113</u>	CALCULUS I	4	2	5	7
<u>CENG 101</u>	COMPUTER PROGRAMMING I	4	4	6	8
<u>CENG 100</u>	COMPUTER ENGINEERING ORIENTATION	2	0	2	6
<u>APHR 101</u>	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2	0	2	2
		15	8	19	30

Second Semester		Theo.	Prac	Credits	ECTS
<u>PHYS 104</u>	GENERAL PHYSICS II	3	2	4	7
<u>MATH 114</u>	CALCULUS II	4	0	4	7
<u>MATH 110</u>	DISCRETE MATHEMATICS	3	0	3	6
<u>CENG 102</u>	COMPUTER PROGRAMMING II	4	4	6	8
<u>APHR 102</u>	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2	0	2	2
		16	6	19	30

Third Semester		Theo.	Prac	Credits	ECTS
<u>TURK 101</u>	TURKISH LANGUAGE I	2	0	2	2
<u>MATH 281</u>	PROBABILITY & STATISTICS	3	0	3	5
<u>MATH 123</u>	LINEAR ALGEBRA	3	0	3	5
<u>CENG 217</u>	OBJECT ORIENTED PROGRAMMING	3	0	3	7
<u>CENG 203</u>	DIGITAL SYSTEMS	3	2	4	6
XXX xxx	NON - TECHNICAL ELECTIVE I	3	0	3	5
		17	2	18	30

Fourth Semester		Theo.	Prac	Credits	ECTS
<u>TURK 102</u>	TURKISH LANGUAGE II	2	0	2	2
<u>MATH 375</u>	NUMERICAL ANALYSIS I	3	0	3	5
<u>CENG 252</u>	COMPUTER ORGANIZATION	3	0	3	7
<u>CENG 204</u>	PROGRAMMING LANGUAGES	3	0	3	6
<u>CENG 201</u>	DATA STRUCTURES	3	0	3	5
XXX xxx	NON - TECHNICAL ELECTIVE II	3	0	3	5
		17	0	17	30

Fifth Semester		Theo.	Prac	Credits	ECTS
<u>CENG 351</u>	DATABASE MANAGEMENT SYSTEMS	3	0	3	7
<u>CENG 341</u>	OPERATING SYSTEMS	3	0	3	8
<u>CENG 305</u>	ANALYSIS OF ALGORITHMS	3	0	3	8
<u>CENG 299</u>	INDUSTRIAL TRAINING I	0	0	0	2
XXX xxx	NON - TECHNICAL ELECTIVE III	3	0	3	5
		12	0	12	30

Sixth Semester		Theo.	Prac	Credits	ECTS
<u>CENG 497</u>	SENIOR DESIGN PROJECT I	0	4	2	3
<u>CENG 362</u>	COMPUTER NETWORKS	3	2	4	8
<u>CENG 310</u>	WEB PROGRAMMING	3	0	3	7
<u>CENG 303</u>	MICROPROCESSORS AND MICROCOMPUTING	3	0	3	7
XXX xxx	NON - TECHNICAL ELECTIVE IV	3	0	3	5
		12	6	15	30