Department of Computer Engineering 2023 Bachelor's Degree Programme

GENEL TOPLAM >> | 131 | 20 | 10 | 146 | 240

Semester	No	Course Code	Course Name	T	L	O	C	ECTS	Prerequisite	Semester	No	Course Code	Course Name	T	L	O	C	ECTS	Prerequisite
1. YEAR — 1. Semester — 1	1	MAT101	Calculus I	4	0	0	4,0	6		**2. Semester — 2**	1	MAT102	Calculus II	4	0	0	4,0	6	
	2	FIZ101	Physics I	3	2	0	4,0	6			2	FIZ102	Physics II	3	2	0	4,0	6	
	3	UOZTD1	Turkish Language I	2	0	0	2,0	2			3	UOZTD2	Turkish Language II	2	0	0	2,0	2	
	4	UOZYD1	Foreign Language I	2	0	1	2,5	2			4	UOZYD2	Foreign Language II	2	0	1	2,5	2	
	5	KIM101	General Chemistry	3	2	0	4,0	5			5	UOD102	Career Planning	1	0	0	1,0	2	
	6	CEN101	Computer Programming I	3	2	0	4,0	6			6	MAT104	Linear Algebra	3	0	0	3,0	4	
	7	CEN103	Introduction to Computer Engineering	2	0	0	2,0	5			7	CEN102	Computer Programming II	3	2	0	4,0	6	
		Total		19	6	1	22,5	32				**Total**		18	4	1	20,5	28	
2. YEAR — 3. Semester — 3	1	UOZTA1	Ataturk's Principles and History of	2	0	0	2,0	2		**4. Semester — 4**	1	UOZTA2	Ataturk's Principles and History of	2	0	0	2,0	2	
	2	MAT201	Differential Equations	3	0	0	3,0	4			2	MMF102	Probability and Statistics	3	0	0	3,0	4	
	3	CEN201	Electronic Circuits	2	2	0	3,0	5			3	MMFSAY	Numerical Analysis	3	0	0	3,0	4	MAT104
	4	CEN203	Data Structures	3	0	2	4,0	6	CEN102		4	CEN202	Discrete Mathematics	3	0	0	3,0	6	
	5	CES251	Department Elective Course I	3	0	0	3,0	6			5	CEN204	Digital Logic Design	3	2	0	4,0	6	
	6	USD251	University Elective Course I	2	0	0	2,0	3			6	CEN206	Algorithms	3	0	2	4,0	6	CEN203
											7	CES252	Department Elective Course II	3	0	0	3,0	6	
		Total		15	2	2	17	26				**Total**		20	2	2	22	34	
3. YEAR — 5. Semester — 5	1	CEN301	Summer Practice I	0	0	0	0,0	3		**6. Semester — 6**	1	MMFPRY	Project Management	3	0	0	3,0	3	
	2	CEN303	Database Management Systems	3	2	0	4,0	6			2	CEN304	Operating Systems	3	0	0	3,0	5	
	3	CEN305	Computer Architecture	3	0	0	3,0	5	CEN204		3	CEN306	Microprocessors and Applications	3	2	0	4,0	5	CEN204
	4	CEN307	Algorithm Analysis and Design	3	0	0	3,0	5	CEN206		4	CEN308	Signals and Systems	3	0	0	3,0	5	
	5	CEN309	Automata Theory	3	0	0	3,0	5			5	CES352	Department Elective Course IV	3	0	0	3,0	6	
	6	CES351	Department Elective Course III	3	0	0	3,0	6			6	USD352	University Elective Course III	2	0	0	2,0	3	
	7	USD351	University Elective Course II	2	0	0	2,0	3											
		Total		17	2	0	18	33				**Total**		17	2	0	18	27	
4. YEAR — 7. Semester — 7	1	CEN401	Summer Practice II	0	0	0	0,0	3		**8. Semester — 8**			**OPTION-1**						
	2	CEN302	Computer Networks	2	2	0	3,0	6			1	CEN402	Final Project II	0	0	2	1,0	6	
	3	CEN405	Software Engineering	3	0	0	3,0	5	CEN101, CEN102		2	CES452	Department Elective Course VI	3	0	0	3,0	6	
	4	CEN407	Final Project I	0	0	2	1,0	8			3	CES454	Department Elective Course VII	3	0	0	3,0	6	
	5	MMFISG	Occupational Health and Safety	2	0	0	2,0	2			4	MMS452	Faculty Elective Course II	3	0	0	3,0	4	
	6	CES451	Department Elective Course V	3	0	0	3,0	6			5	MMS454	Faculty Elective Course III	3	0	0	3,0	4	
	7	MMS451	Faculty Elective Course I	3	0	0	3,0	4					**OPTION-2**						
											1	CEN402	Final Project II	0	0	2	1,0	6	
											2	CES456	Practical Engineering Education	2	0	20	12,0	20	
		Total		13	2	2	15	34				**Option-1 Total**		12	0	2	13	26	
												Option-2 Total		2	0	22	13	26	

GRAND TOTAL Option-1 >> | 131 | 20 | 10 | 146 | 240
GRAND TOTAL Option-2 >> | 121 | 20 | 30 | 146 | 240