

**ATATURK ALATOO UNIVERSITY**  
**COMPUTER ENGINEERING DEPARTMENT**  
**A Five-Year Undergraduate Program**

Fall Term		
#	Subject	Credit
1	Hystory	4
2	Phisical Culture I	2
3	English I	4
4	Turkish I	2
5	Linear Algebra	2+2 4
6	Calculus I	2+2 4
7	Algorithms and Programming I	2
8	Numerical Analysys	2
9	Probability and Statistics I	2
10	Math.Logic and Algorithm Theory	2
11	Physics I	6
12		
13		
14		
<b>TOTAL</b>		<b>34</b>

Spring Term		
#	Subject	Credit
1	Philososphy	4
2	Phisical Culture II	2
3	Economics I-II	4
4	English II	4
5	Turkish II	2
6	Ecology	2
7	Psychology and Pedagogique	+2 4
8	Calculus II	+2 4
9	Probability and Statistics II	2
10	Algorithms and Programming II	2
11	Physics II	4
12	Differential Equations	2
13	Discrete Structure	+2 4
<b>TOTAL</b>		<b>40</b>

Fall Term		
#	Subject	Credit
1	Turkish III	2
2	Life Sefety (БЖД)	3
3	Engineering Computer Graphics	2+2 4
4	Computer Graphics (CAD)	2+2 4
5	Electric Circuits and Electronics	2+4 6
6	Programming Languages I	2+2 4
7	Data Structure I	2+2 4
<b>TOTAL</b>		<b>27</b>

Spring Term		
#	Subject	Credit
1	Turkish IIIII	2
2	Programing Languages II	2+2 4
3	Assembler Programming	4
4	Data Structure II	2+2 4
5	Functional and Log. Progr.	2+2 4
6	Computation Theory	4
7	Computer Architecture	2
8	Microprocessors	2+2 4
9	Software Engineering I	2
<b>TOTAL</b>		<b>30</b>

Fall Term		
#	Subject	Credit
1	Automation Theory I	2
2	Computer Organization I	2
3	Operating Systems	3
4	Data Base Management I	3
5	Computer Netw. And Telecomm. I	2+2 4
6	Object Oriented Programming	2+2 4
7	Software Engineering II	2
8	Networks Technologies I	2+2 4
9	Web-Technology	2
10	Robotics	2+2 4
<b>TOTAL</b>		<b>34</b>

Spring Term		
#	Subject	Credit
1	Automation Theory II	2
2	Computer Organization II	2
3	Data Base Management II	3
4	Artificial Intelligence I	2+2 4
5	Computer Netw. And Telecomm. II	2+2 4
6	Visual Object Programming	2+1 3
7	Programing Lan.and Translations Med	4
8	Networks Technologies II	2+2 6
9		
10		
<b>TOTAL</b>		<b>32</b>

Fall Term		
#	Subject	Credit
1	Metrology, Standard., Sertification	4
2	Project Management	3 M
3	Information Security	4 M
4	Artificial Intelligence II	2 M
5	Web Programming	2 M
<b>TOTAL</b>		<b>15</b>

Spring Term		
#	Subject	Credit
1	Networks Technologies III	4 M
2	Diploma Projects	20 M
<b>TOTAL</b>		<b>24</b>

**Dean Of Faculty**  
Dr.Vedat KIRAY

**Head Of Department**  
Doç.Orozbek KOCOGULOV