ATATURK ALATOO UNIVERSITY
COMPUTER SCIENCE DEPARTMENT
A Five-Year Undergraduate Program
2012-2013

1st Year Courses

Fall Term

#	Subject	Credits
1	Phisical Culture III	2
2	Linear Algebra and Geometry	2 + 2
3	Calculus I	2 + 2
4	Math. Logic and Algor. Theory	2
5	Probability and Statistics I	2
6	Algoritms and Programming I	2
7	Physics I	4 + 2
8	Ecology	2
9	Technical English I	4
10	Turkish III	2
11	Kyrgyz Lan/Russian Lan. III	2
12	History	4
	TOTAL	**36**

Spring Term

#	Subject	Credits
1	Phisical Culture IV	2
2	Philosophy	4
3	Psichology and Pedagogicue	3
4	Calculus II	2 + 2
5	Discrete Structure	2 + 2
6	Probability and Statistics II	2
7	Algoritms and Programming II	2
8	Physics II	2 + 2
9	Technical English II	4
10	Turkish IV	2
11	Kyrgyz Lan/Russian Lan. IV	2
12	Numerical Analisys	2
	TOTAL	**35**

2nd Year Courses

Fall Term

#	Subject	Credits
1	Economics	3
2	Differential Equations	2
3	Engineering Graphics	3
4	Computer Graphics	2 + 2
5	Electrotechnics and Electronics	3 + 2
6	Programming Languages I	2 + 2
7	Data Structure I	4
8	Turkish V	2
	TOTAL	**27**

Spring Term

#	Subject	Credits
1	Programming Languages II	2 + 2
2	Assembler Programming	4
3	Data Structure II	2
4	Computation Theory	3
5	Computer Architecture	2
6	Software Engineering I	2
7	Microprocessors	2
8	Functional and Logical Programming	2 + 2
9	Turkish VI	2
	TOTAL	**25**

3rd Year Courses

Fall Term

#	Subject	Credits
1	Web-Technologies	2
2	Automation Theory I	2
3	Computer Organisation I	2
4	Operating Systems	3
5	Data Bases	4
6	Comp. Networks and Telecomm. I	2
7	Software Engineering II	2
8	Robotics	3
9	OOP	4
	TOTAL	**24**

Spring Term

#	Subject	Credits
1	Automation Theory II	2
2	Computer Organisation II	2
3	Comp. Networks and Telecomm. II	2
4	Theory of prg. Lan. and Trnsl. Mthds	4
5	Visual Object Programming	3
6	Artificial Intelligence	4
7	Network Technologies I	4
	TOTAL	**21**

4th Year Courses

Fall Term

#	Subject	Credits
1	Manas Taanu	2
2	Information Security	4
3	Network Technologies II	4
4	Life Safety	3
5	Metrology, Standard. And Certificat	3
6	Project Management	2
	TOTAL	**18**

Spring Term

#	Subject	Credits
1	Network Technologies III	4
	TOTAL	**4**

Dean Of New Tech. Faculty

Mustafa Shimshek

Head Of CS Department

Mustafa Shimshek