



## Near East university

Faculty of Economics and Administrative Sciences

CIS 132 (Introduction to Alg. & Prog) course outline

<b>Classroom:</b> Faculty Building, D 122 & Lab	<b>Course schedule:</b>	
<b>Instructor:</b> Sahar SHOKOUHI TABRIZI	<b>Office hours:</b> check the time table	
<b>Email:</b> sahar.shokouhi@neu.edu.tr		
<b>Prerequisites:-</b>	<b>Semester:</b> Fall /Spring	<b>Course Credit:</b> 3
<b>Language of Education:</b> English	<b>Type of Course:</b> Compulsory	<b>Level of Course:</b> undergraduate

### Course objective:

The aim of this course is to give students an introduction to the principles and practice of computer programming logic which is the fundamental necessity for programming.

### Course Objectives:

- Understand meaning of computer programming
- Understand the main steps of program developing
- Introduction to programming languages
- Understand flowchart symbols and DFD diagrams
- Introduction to programming
- Understand programming statements
- Understand how to work with VISIO 2010 program

## Tentative Syllabus

Week	Topic
1	Introduction to Algorithm
2	Introduction to programming tools
3	Introduction to programming and VISIO
4	Output and Input Statements, Practice in Lab
5	Condition “IF Statement”, Practice in Lab
6	Condition “IF- ELSE Statement”, Practice in Lab
7	Condition “CASE Statement”, Practice in Lab
8	Lopping “WHILE Statement” , Revision
9	Mid-Term
10	Lopping “REPEAT Statement”, Practice in Lab
11	Lopping “FOR Statement”, Practice in Lab
12	Function “Built- In Functions”, Practice in Lab
13	Function “User Defined Functions”, Review
14	Final-Exam

### Course Assessment:

Grades in this course will be assigned according to the following criteria:

<b>Class participation</b>	<b>5%</b>
<b>Class activity</b>	<b>10%</b>
<b>Mid-term Examination</b>	<b>35%</b>
<b>Final Examination</b>	<b>50%</b>
<b>Total</b>	<b>100%</b>

### References

Cavus, N. (2010). computer programming an algorithmic approach. Lambert Academic Publishing.