



**Al al-Bayt University  
Information Technology College  
Information Systems Department**

**902210 Visual Programming  
First Semester 2012-2013**

**Course Catalog**

Fundamental programming constructs, including loops, arrays, classes, and files. General problem-solving techniques. Emphasis on modular programming, user-interface design, developing good programming style, and dealing with databases via Visual Basic.Net

**Textbook(s)**

<b>Title</b>	Introduction to Programming Using Visual Basic 2008
<b>Author(s)</b>	David I. Schneider
<b>Edition</b>	7th
<b>Publisher</b>	Prentice Hall
<b>Year</b>	2008
<b>Number of copies in university library</b>	2

**Instructors**

<b>Coordinator</b>	Saif Addeen AlRababah
<b>Office Location</b>	IT Faculty
<b>Office Phone</b>	6297000 ext. 3386
<b>Email</b>	Saif_r@aabu.edu.jo

**Class Schedule and Locations**

<b>Section 1:</b> Time(s): 9:30- 11:00 Location: 183 Quraish	<b>Section 2:</b> Time(s): 11:00- 12:30 Location: 183 Quraish
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Office Hours		
Saif Rababah		
Sun, Thu → 9-10	Mon→12.30-1.30	Tue →1-2

Lab Information	
Ahmad Batayneh	
Sun → Lab 5 Time: 12:00-2:00	Mon → Lab 5 Time: 12:30-2:00

Course Objectives	Assessment Method
Learn general problem solving skills and methods	Exams
Use sequential, selective, and repetitive task processing, along with logic structures, for problem solving	Lab Work
Be able to apply these skills using Visual Basic	

Topics Covered		
Topic	Chapter(s) in Text	Week(s)
An Introduction to Computers and Problem solving	1	1
Visual Basic Controls, and Events	2	1,2
Visual Basic Vairables, input, output, and Introduction to files	3,8	3,4
Visual Basic Decisions	4	5,6
Test 1		
General Procedures and Functions	5	7
Repetetions ( Do while,Loop until, For..Next)	6	8,9
Arrays	7	10
Sequential Files	8	11
Test 2		
Additional Controls and Objects	9	12,13,14
Database Management	10	15
Final test		16

Course Outcomes:
Write complex business programs utilizing the fundamentals of the Microsoft Visual Basic .NET programming language
Implement programming logic involving sequence, selection, and repetition using Visual Basic .Net.
Write a Visual Basic Programs to access a database files.

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<b>Evaluation</b>		
<b>Assessment Tool</b>	<b>Expected Due Date</b>	<b>Weight</b>
Test 1	6 <sup>th</sup> week	20%
Test 2	12 <sup>th</sup> week	20%
Lab	Weekly	10 %
Final Exam	TBA	50 %

<b>Policies</b>	
<b>Attendance</b>	It is strongly recommended that students attend all data structure lectures. Also, university regulations mandate that students may not miss more than 10% of classes without valid excuses. In all cases, they may not miss more than 20% of classes. Should they do, they will be not be allowed to take course exams.
<b>Homework/Lab</b>	Students are expected to attend lab sessions and submit assignments on time.
<b>Exams</b>	Exams will be close-book. Exam dates will be announced later according to departmental and university schedules.
<b>Plagiarism</b>	You should not copy other people's work and claim it is yours. Detected plagiarism will be dealt with as per university regulations.