



Jordan University of Science and Technology
Faculty of Computer & Information Technology
Computer Science Department

CS116 Selected Programming Languages (For Non Computer Science Information Students)

Summer Semester 2020-2021

Course Catalog

3 Credit Hours. This course covers the fundamental computer concepts, identify and describes the purpose of various components of the VB integrated development environment (IDE), and help in building windows applications. Topics covered include fundamentals of computers, flowcharts, problem solving, programming languages, visual basic fundamentals, control structures, loops, arrays, and files.

Text Book

Title	An Introduction to programming using Visual Basic 6
Author(s)	David I. Schneider
Edition	4th Edition
Short Name	Textbook
Other Information	

Class Schedule & Room

Section 1:
Lecture Time: Sun, Mon, Tue, Wed : 16:00 - 17:30
Room: 150 منصة الكترونية

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	An Introduction to Computers and Visual Basic	Ch1 From Textbook
Week 1	Problem Solving	Ch2 From Textbook
Weeks 1, 2	Fundamentals of Programming in Visual Basic	Ch3 From Textbook
Weeks 2, 3	Decisions	Ch5 From Textbook

Weeks 3, 4	Repetition	Ch6 From Textbook
Weeks 4, 5	General Procedures	Ch4 From Textbook
Weeks 5, 6	Arrays	Ch7 From Textbook
Weeks 6, 7	Sequential Files	Ch8 From Textbook

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Define fundamental computer concepts. [1SO1, 1SO2]	5%	Mid Exam
Define the basic problem-solving techniques. [1SO1]	5%	Mid Exam
Identify and describe the purpose of various components of the VB integrated Development environment (IDE) [1SO1, 1SO2]	5%	Mid Exam
Declare variables and constants using the data types available in VB, and know how to use strings in addition to their built-in functions. [1SO1, 1SO2]	13%	Mid Exam
Deal with conditional and repetition statements and other control structures in VB. [1SO1, 1SO2]	35%	Mid Exam, Final Exam
Examine and discuss Sub and Function procedures in VB. [1SO1, 1SO2]	15%	Mid Exam, Final Exam
Declare arrays and use them in VB applications. [1SO1, 1SO2]	15%	Mid Exam, Final Exam
Deal with and develop single document interface applications (SDI), multiple document interface (MDI) applications and use sequential and random-access files in VB. [1SO1, 1SO2]	7%	Mid Exam, Final Exam

Relationship to Program Student Outcomes (Out of 100%)					
SO1	SO2	SO3	SO4	SO5	SO6
52.50	47.50				

Evaluation	
Assessment Tool	Weight
Mid Exam	50%
Final Exam	50%

Policy	
Attendance	This is a fully-online course, so no lectures attendance, unless you were asked for a mandatory meeting with the coordinator. If there is a meeting, we will announce for it on the elearning system.
Exams	All exams will be CLOSE-BOOK. The format of exams is generally Online MCQs, Short answer, and problem solving questions.

Drop Date	It is your responsibility to find out.
Cheating	Cheating or copying from other students during exams is an illegal and unethical activity. Standard JUST policy will be applied.

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