

### Hashemite University

## Prince Al-Hussein bin Abdullah II Faculty for Information Technology



Department of Computer Science and its Applications

# **Course Syllabus**

Year: 2018-2019 Semester: (1)

Course No.	Course Title	Designation	Prerequisite	Co-requisite	Credit Hours Lectures /Lab.
151001101	Introduction to Programming Lab	Required		151001100	0/ 1

Instructor Name	E-mail	Offic e No.	Office ext.	Office Hours	
Mr Muhsen Alkhalidy	Muhsen@hu.edu.jo	245	1	Sun, Tue, Thu	
TVII TVIGILISETI I IIIIIIGIIGI	ividing on a manadajo			(11-12)	
Mr. yaser qawsmeh	y_quasmeh@yahoo.com	245	-	Sun,Tue,Thu	
wii. yasei qawsiileii	y_quasinen@yanoo.com			(10-11)	
Mrs. Maryam Zawahreh	Maryam_Alz@yahoo.com	6		Mon, wed(9:30.11)	
Dr. Bashar Igrid		Cs	-	-	

Coordinator's Name:	Mr. Yasser Qawasmeh
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Course Description	The course provides an introduction to programming in C++, algorithms, algorithm design, variables and data types, selection and repetition statements, functions, arrays, and string processing.
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### a) Textbook(s):

1. C++ Programming: from Problem Analysis to Program Design, 2nd edition, D.S. Malik

### b) Additional References:

1. C++ How to Program, 8th edition, Deitel&Deitel, Prentice Hall

	Course Learning and Outcomes CLOs			
1.	Recognize the basics of programming in C++ (2)			
2.	Use control structures (selection/repetition) to implement C++ applications (2)			
3.	Use functions in designing C++ applications. (2)			
4.	Use arrays and strings in designing C++ applications. (2)			
	Addressed Student Learning Outcomes (SLOs)			
	2			

	Topic Details	Course ILO number	Reference	No. of Weeks	Contact hours
1.	Basic Elements of C++.	1	Ch2	2	6
2.	Input / Output.	1	Ch3	1	3
3.	Control Structures- [selection].	2	Ch4	2	6
4.	Control Structures-[repetition].	2	Ch5	2	6
5.	User-defined Functions 1.	3	Ch6	2	6
6.	User-defined Functions 2.	3	Ch7	2	6
7.	Arrays	4	Ch8	3	9
	Total			15	45

Assessment method	Grade	Comments
MID Exam	40%	Covers Chapters 1,2,3,4
QUIZ	10%	
Final Exam	50%	Covers all topics
Total	100%	