
	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	Office No.	Office ext.	Office Hours
Mr Muhsen Alkhalidy	<a href="mailto:Muhsen@hu.edu.jo">Muhsen@hu.edu.jo</a>	245	-	Sun,Tue,Thu (11-12)
Mr. yaser qawsmeh	<a href="mailto:y_quasmeh@yahoo.com">y_quasmeh@yahoo.com</a>	245	-	Sun,Tue,Thu (10-11)
Mrs. Maryam Zawahreh	<a href="mailto:Maryam_Alz@yahoo.com">Maryam_Alz@yahoo.com</a>	6		Mon, wed(9:30.11)
Dr. Bashar Igrid		Cs	-	-

<b>Coordinator's Name:</b>	Mr.Yasser Qawasmeh
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<b>Course Description</b>	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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<b>a) Textbook(s):</b>
1. C++ Programming: from Problem Analysis to Program Design, 2nd edition, D.S. Malik
<b>b) Additional References:</b>
1. C++ How to Program, 8th edition, Deitel&Deitel, Prentice Hall

<b>Course Learning and Outcomes CLOs</b>	
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)
<b>Addressed Student Learning Outcomes (SLOs)</b>	
2	

<b>Topic Details</b>	<b>Course ILO number</b>	<b>Reference</b>	<b>No. of Weeks</b>	<b>Contact hours</b>
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

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