	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	Muhsen@hu.edu.jo	245	-	Sun,Tue,Thu (11-12)
Mr. yaser qawsmeh	y_quasmeh@yahoo.com	245	-	Sun,Tue,Thu (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

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.

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%	