	Hashemite University Prince Al-Hussein bin Abdullah II Faculty for Information Technology Department of Computer Science	

Course Syllabus

Year: 2018-2019 **Semester: (2)**

Course No.	Course Title	Designation	Prerequisite	Co-requisite	Credit Hours Lectures /Lab.
151001111	Object Oriented Programming1 Lab	Required	-	151001110	0 / 1

Instructor Name	E-mail	Office No.	Office ext.	Office Hours
Yasser Qawasmeh	Yasser@hu.edu.jo	245		Sun, Tue (12-2)
Randa Obeidallah	Randa.ali@hu.edu.jo	4		
Haneen Hijazi	haneen@hu.edu.jo	1		
Maryam Al zawahreh	Maryam_alz@hu.edu.jo	6		

Coordinator's Name:	***Yasser Qawasmeh***

Course Description	This course is designed for the first year undergraduate students. The course enables students to understand the basic principles of programming. This course provides a practical introduction to programming in Java language. Topics include the basics of the Java language and object oriented design and programming, as well as standard Java programming libraries for I/O.

a) Textbook (s):
1. Liang, Y. Daniel, Introduction to Java Programming Comprehensive Version, 8thed, (2010).
b) References:
1. www.java.sun.com
2. Deitel & Deitel, Java: How to Program, 6th edition.
3. Walter Savitch, Absolute java, 5th ed, addison wesley.(2009)
4. Assignments given in the class.

Course Learning and Outcomes CLOs
1. Recognize the basics of programming in Java and Netbeans environment (2)
2. Use control structures (selection/repetition) to implement CJava applications (2)
3. Use methods in designing Java applications. (2)
4. Use arrays and strings in designing Java applications. (2)
5. Employ object-oriented concepts in designing Java applications. (2)
Addressed Student Learning Outcomes (SLOs)
2

Topic Details	Course ILO number	Reference	No. of Weeks	Contact hours*
1. Fundamentals of Programming	1	Ch1	1	3
2. Primitive Data Types and Operations	1	Ch2	1	3
3. Getting Input from Input Dialogs via JOptionPane class ,and Scanner class	1	Ch2	2	6
4. Selection Statements	2	Ch3	1	3
5. Loops	2	Ch4	1.5	4.5
6. Methods	3	Ch5	1.5	4.5
7. Arrays	4	Ch6	1	3
8. Objects and Classes	5	Ch7	2	6
9. Extra Assignments	3,4,5,6	All Chapters	1	3
Total			14	42

Assessment method	Grade	Comments
MID Exam	40%	Covers Chapters 1, 2,3,4,5
Projects and Quizzes	10%	Covers Chapter 6
Final Exam	50%	Covers all topics
Total	100%	