

Program Roadmap & Course Road map “Java Programming II”

Dr. Ahmed ElShafee

Dr. Ahmed ElShafee, fundamentals of Programming II,
ACU/CSIT Fall 2012

About the course and the instructor

Course name, Code	fundamentals of Programming II, CSC102
Pre-requisite	-
Credit hours	3
Number of lectures	15
Date, time, place	Sunday, 09:00 AM ~ 15:00 PM Room: 1208 Lab: 1217
Text book	Deitel - JAVA How To Program 8th edition

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Presentations and materials	www.Draelshafee.net

Course description

This course is the 2nd course of series of courses call Fundamentals of programming Java applications.

Topics here focus on OO, exception handling, threading, GUI applications

Beside files, serialization, DB, network Spring, and web programming.

Students will develop and test Java applications (typically) using NetBeans.

Course outcomes

Upon completion of this course, students will be able to:

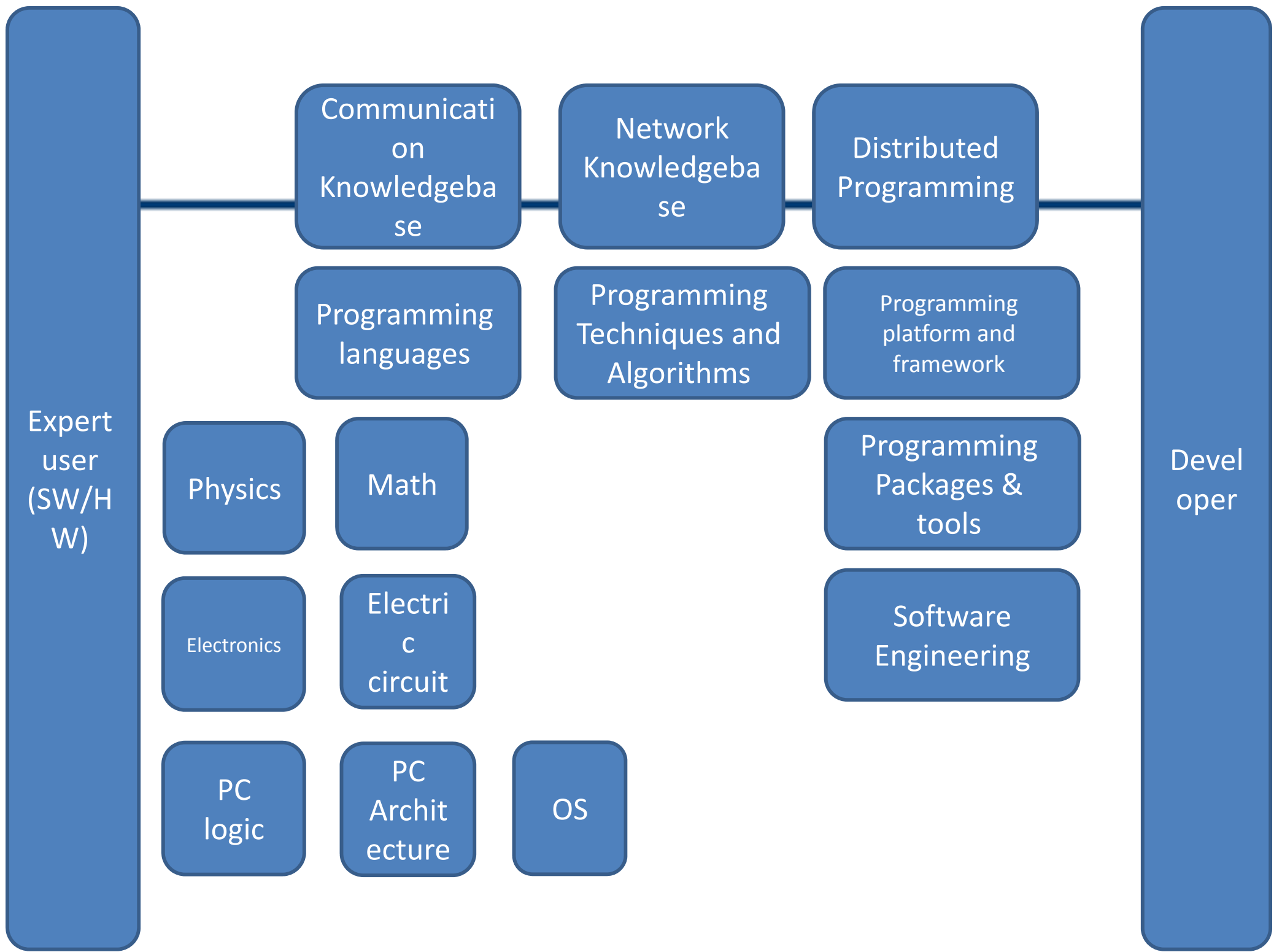
- Build object oriented programs
- Build GUI applications
- Build DB applications
- Build network applications
- Build webpages with java scripts

TOC

1	Revision I		
2	Revision II		
3	Revision III – applications (Console + GUI)		
4	Exceptions handling		
5	Object oriented I	Abstraction	Overriding
6	Object oriented II	Encapsulation	Polymorphism
7	Object oriented III	Inheritance	Interfaces
			Packages
8	Multithreading		
9	Data base I (Mysql + GUI)		
10	Data base II (MySql + GUI)		
11	Files		
12	Serialization		
13	Network programming		
14	Applet Basics		

Programs Roadmap







Thanks,
See you next Lecture, isA

