



Arab Academy for Science and Technology & Maritime Transport
 College of Computing and Information Technology
 Department of computer science

Course Code: CS243

Course Title: **Object Oriented
 Programming**

**Form no. (11A)
 Knowledge and skills matrix for a course**

Course content	Week	Knowledge	Intellectual skills	Professional skills	General skills
Revision of Problem Solving & Introduction to Java Language - Ch 1, 2, 3, 4, 6, 7.	1	K3, K13	I1	P3	G7
Introduction to OOP in Java	2	K1, K11, K19	I1, I3, I13	P3	
Methods in Java - Ch 5.	3	K11, K19			
Objects and Classes - Ch 8.	4	K11, K19	I3, I13		
Thinking in Objects (Ch 9, 10).	5	K11, K19	I3, I13		G3
Revision	6				
Midterm Exam	7				
Inheritance & Polymorphism - Ch 11.	8	K11, K19	I3, I13		
Inheritance & Polymorphism Cont'd - Ch 11.	9	K11, K19	I3, I13		
GUI - Ch 12.	10	K3, K13	I13		
Abstract Classes & Interfaces - Ch 15.	11	K11, K19	I3, I13		

Event Driven Programming - Ch 16	12	K3, K13	I13		
Exception Handling & Text I/O- Ch 14.	13	K11, K19	I13		
Project Case Study/ Revision	14	K1, K3, , K11, K13, K19	I1, I3, I13	P3	
Projects Presentations & Revision	15	K1, K3, , K11, K13, K19	I1, I3, I13	P2	G1, G3, G7
Final exam	16				

Course Instructor:

Head of Department: