Kingdom of Saudi Arabia

Ministry Of Higher Education

Majmaah University

Deanship of Quality assurance

and Human Development

Course Specification

Object oriented programming CIS-153-Z

1432/1433

Course Specification

Institution ***Majmaah University***
College/Department : ***College of Science in AL-Zulfi /*** ***Computer Science& Information***

A- Course Identification and General Information

1. Course title and code: ***Object oriented programming CIS-153-Z***
2. Credit hours ***4***
4. Name of faculty member responsible for the course ***Mohammed Talat Hasan Mubarak***
5. Level/year at which this course is offered ***: 2 level / 1 year***
6. Co-requisites for this course (if any) ***Computer programming and algorithm CIS 152***
7. Location if not on main campus ***College of Science in AL-Zulfi***

B- Objectives

The main objective of this course is to provide students with the theoretical background and practical experience relating to the design and implementation of relational databases.The main objectives of the course are:

1. Learn the pointer and relation with array
2. Understand class and call the method and constructore
3. Understand Inheritance
4. Understand ploymorphism

C- Course Description (Note: General description in the form to be used for the Bulletin or Handbook should be attached)

1. Topics to be Covered

List of Topics	No of Weeks	Contact hours
Introduction to array and Implementation	**3**	**15**
Introduction to pointer and application	**3**	**15**
Class and method (overloading , constructor ,method)	**3**	**15**
(overloading , constructor ,method)	**3**	**15**
ploymorphism	**2**	**10**

2. Course components (total contact hours per semester):

Lecture: 42	Tutorial:	Laboratory 28	Practical/Field work/Internship	Other:

3. Additional private study/learning hours expected for students per week. (This should be an average :for the semester not a specific requirement in each week)

4. Schedule of Assessment Tasks for Students During the Semester

D- E Learning Resources.

1. Required Text(s) : C++ How to Program, 7th edition, Harvey M. Deitel and Paul J. Deitel, both from Deitel & associates Inc. © 2010, ISBN (0-13-611726-0)

- 2. Essential References : Modern Database Systems, Jeffrey A. Hoffer, Mary Prescott, Fred McFadden, 7th Ed., Prentice Hall, 2004

3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List): C++ programming
4-.Electronic Materials, Web Sites etc :
5- Other learning material such as computer-based programs/CD, professional standards/regulations

E- Assessment

Assessment Policy		
Assessment Type	**Week**	**Weight**
First Exam	**6**	**20%**
Second Exam	**12**	**20%**
Final Exam		**60%**
Total		**100%**