Course specification

University/Academy: Damanhour University

Faculty/Institute: Science

Department: Mathematics

1. course Data:		
Course code: Comp201	**Course title:** Computer (1)	**Academic year /level:** 2008/2009 Second year - First semester
Specialization: جميع التخصصات لمجموعة العلوم الرياضية والفيزيائية والكيمائية والبيولوجية	**No. of instructional units:** lecture 2hr/w tutorial 2hr/w practical -	

2. course Aim	This course is designed to encourage in students a sense of interest for computer science, and appreciation of its application in different contexts and to involve them in an intellectually stimulating and satisfying experience of learning and studying. Provide a solid foundation in the major areas of computer science. Provide education and training of high quality in computer programming
3. Intended learning outcome	
a) Knowledge and understanding	a1. List the importance of the usage of computer in our life. a2. Define the basic components of a computer and the usage of each component. a3. Recognize the different types of computer programs. a4. Describe the usage of specific ready
b) Intellectual skills	b1. Differentiate between software and hardware of computer science. b2. Demonstrate knowledge and understanding of essential facts, concepts and principles relating to computer applications.

	b3. Use some familiar ready packages and apply them on real applications.
c) Professional skills	c1. Plan, design and execute practical activities using techniques and procedures appropriate to computer programs. c2. Plan, design, record, execute and communicate a piece of independent applications using computer programs media and technique
d) General skills	d1. Work in group on selected software packages. d2. Set tasks and solve real problems using these selected software. d3. Use organization skills (including task and time management) relevant to computer software both individually and in a group situation.
4. course content	1-The number systems: binary system, decimal system octal system,
	2-Intorduction to computer
	3-Introducton to software
	4-Operating system .
	5- Computer applications: word processing
	6- Spread sheets
	7- Presentation graphic
	8- Data base management base system
	9- Internet. Search. Web server. HTML. Email
	10-Information system
	11- Steps used to solve a problem by the aide of computer
	12- Introduction to visual basic.

5. Teaching and learning methods	5.1 Lectures. 5.2 Lab work 5.3 Homework 5.4 Oral discussion
6. teaching and learning methods for students with special needs	Non
7. Student Assessment	
a) Procedures used:	Final exam
b) Schedule:	Assessment 2 Final exam Week 15
c) Weighing of Assessment:	Final exam 100 Marks
List of Textbooks and References:	
d) Course Notes	Course notes provided by the staff member of Math department, to be handed at the beginning of the semester.
e) Required Books (Textbooks)	None
f) Recommended Books	Introduction to Information systems By: James O'Brien Publisher: Irwin McGraw-Hill
g) Periodicals, web sites,…,etc	None

Course Instructor: Prof. Dr. Mohamed Darwish
Head of Department: Dr. Ragab Omar Abd El-Rahman
Date: / /