KINGDOM OF SAUDI ARABIA

THE NATIONAL COMMISSION FOR ACADEMIC ACCREDITATION & ASSESSMENT

COURSE SPECIFICATION

HASEB 235

Revised March 2007

Course Specification

Almajmaah University
College : Al Majmaah Community College **Department :** Natural and Applied Sciences

A. Course Identification and General Information

1. Course title and code: Multimedia Applications - **HASEB 235**
2. Credit hours: 3 Hours
3. Program in which the course is offered: Computer science (Career Program)
4. Name of faculty member responsible for the course : Mr. Naif Alshammari
5. Level at which this course is offered : Third level
6. Pre-requisites for this course: 110 Haser: Introduction to computers
7. Co-requisites for this course (if any) : None
8. Location: Main campus **Room No:** A001 1 **Lab No:** A001 2

B - Objectives

Upon successful completion of this course, students should be able to:

- Understanding of the ways and techniques and basic tools used to develop multimedia applications combining text, still and moving pictures, audio and video.

C. Course Description

Topics to be Covered		
Contents	Nb of Weeks	Contact hours
Introduction to Multimedia (definition, characteristics, areas of use)	2	6
The most important programs used to design and production of multimedia applications	2	6

The use of texts in multimedia applications	4	12
-Use of fixed fees and photos -General considerations for the design, fonts -Systems of Hyper Text and Hyper Media	3	9
Ways to get fixed graphics and images Employment colors in Multimedia Software	1	3
- Create dynamic effects on the graphics and images - The use of sound in multimedia applications - Numbering and restart the digital audio - Types of audio files	1	3
-The use of video in multimedia	2	6

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

Lecture	Tutorial	Labs	Other
75 hrs	15 hrs	60 hrs	

3. Additional learning hours expected for students per week

The student must work at least for 4 hours per week which is equivalent to 60 hours per semester.

4. Development of learning outcomes in the domains or areas of learning

a. Knowledge

(i) Knowledge to be acquired :

- Knowing the different types of image formats, audio and video
- Knowing the color scheme
- Knowing the Photoshop system program
- Knowing the Macromedia Flash program
- Knowing Bring a compilation of multimedia

(ii) Teaching strategies to be used to develop that knowledge :

- Lectures

- Exercises

- Labs.

(iii) Methods of assessment of knowledge acquired :

- Exams

- Labs evaluation.

b. Cognitive Skills

(i) Cognitive skills to be developed :

- Ability of analysis

- Ability of design

- Ability of Management

(ii) Teaching strategies to be used to develop these cognitive skills :

- Exercises

- Labs.

(iii) Methods of assessment of students cognitive skills

- Exams

- Labs evaluation.

c. Information Technology and Numerical Skills

(i) IT skills to be developed :

- Using multimedia program appropriately

- Design of multimedia projects

- Linking multi-media files with other programs

(ii) Teaching strategies to be used to develop these IT skills :

- Exercises

- Labs.

(iii) Methods of assessment of students cognitive skills

- Exams

- Labs evaluation.

5. Schedule of Assessment Tasks for Students During the Semester			
Assessment	Assessment task	Week due	Proportion of Final Assessment
1	Attendance, Participation and Labs evaluation	Each week	20
2	First month exam	6th week	20
3	Second month exam	10th week	20
4	Final exam	According to the exams schedule	40

D. Student Support

1. Arrangements for availability of faculty for individual student consultations and academic advice

- Office hours : 6 hours a week

- Academic guidance : 2 hours a week.

Day	8-9	9-10	10-11	11-12	1-2	2-3	3-4
Sunday		Academic Guidance			Office Hours		
Saturday							
Monday		Academic Guidance	Office Hours				
Tuesday							
Wednesday	Office Hours						

E. Learning Resources

1. Required Textbooks

1. A. Silbershatz, H. Korth, Database System Concepts, 3rd Edition (or latest), 2001.

2. Scott Urman, Oracle 10g PL / SQL programming, by Oracle Press.

2. Recommended Book(s)

1- Cumliffe & Elliot, "Multimedia Computing", Crucial, 2003.

2- Dehaan: Flash MX 2004: Training from the source, Macromedia, 2004

3- England and Finney: Managing Multimedia, Addison-Wesley, 1999

3. Electronic Materials, Web Sites, etc.

http://www.gl3a.com

http://faculty.ksu.edu.sa/naef/default.aspx

F. Facilities Required

A Lecture room appropriate for 30 students with a personal computer, a data show and a smart board.

A Computer Lab equipped with 30 PCs with Oracle system (latest version).

G. Course Evaluation and Improvement Processes

1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- Periodical surveys on teacher website

- Students have to evaluate the teacher rendering before obtaining results through the university website edugate.

2. Processes for Improvement of Teaching :

- Periodical review of contents in the department to increase the effectiveness of the subject.

- Comparison of the course content with similar courses offered in others colleges

- Using modern technologies in teaching and providing additional support to students.