

MULTIMEDIA PRESENTATIONS

Course No	:	CST244
Course Title	:	MULTIMEDIA PRESENTATIONS
Prerequisites	:	CST110
Course Type	:	General - Elective
Faculty Member	:	Dr. ; Room # ; Telephone ; e-mail ;
Office Hours	:	
Class Time	:	
Lecture Class	:	

Course Objectives:

The course introduces the student to Multimedia Presentations, their uses, hardware and software requirements. It also introduces the student to the impact of combining graphics, text, sound, and animation on an audience. It makes the student aware of technical issues related to Multimedia such as interfacing equipment, Compressing and Decompressing files and Real Time Video.

Course Description:

This module introduces the student to Multimedia Presentations and should enable him/her to create effective presentations.

Course Outline:

1. Introduction to Presentation Graphics

- Types of presentations
- Components of the presentation
- Steps in designing a presentation
- Criteria for Selecting suitable graphics, colors, fonts for a slide

2. Using a Presentation Graphics Software

- Design a Slide
- Templates
- Transition Effects

3. Adding Sound to the Presentation

- Interfacing a microphone and Speakers
- Adding Sound Effects
- Adding Voice
- Adding Background Music

4. Importing Video Frames

- Interfacing to Video Camera & VCR
- Capturing Video Frames
- Adding Video Images to the presentation

5. Virtual Reality (VR)

- What is VR?
- VR in commercial advertising
- Using popular VR software to add interesting effects to the presentation

6. Real-Time Video

- What is meant by Real-Time Video
- Hardware Requirements for Real Time Video
- Producing a short Presentation in real time video

7. Project: Any of the ideas below:

- Commercial advertisement
- Tutorial
- Speaker Notes

Learning Outcomes:

By the end of this course, the student will be able to:

1. Design color Slides combining graphics, text, and sound which communicates effectively the presentation objectives.
2. Use animation effects.
3. Compress and decompress the presentation files.
4. Create a real-time video presentation
5. Create a run-time file for the presentation which can be run in the absence of the design tools.

Skills to be developed:

This course helps students in developing the following skills:

1. **Communication** (Oral & written) **Through Assignments and presentations.**
2. **Analytical** **Through Assignments.**
3. **Creative Thinking** **Through assignments, and classroom discussions**
4. **Adaptability to Change** **Through assignments and examinations**
5. **Use of Information Technology** **Through use of PCs, Internet, CD-ROM, Statistical data base in the library**

Weighting between Exam and CW: 100%CW

Short 2 hour practical assignments are given during classes, while a 10 hour project is given at the end of the module to assess the final outcome.

Evaluating Student Performance:

Class participation and attendance	10%
Individual assignments	40%
Project	50%

Assignments	LO1	LO2	LO3	LO4	LO5
Class Assignment 1	X		X		
Class assignment 2		X		X	X
Project	X	X	X	X	X

Grading:

<u>Percentage Score</u>	<u>Letter Grade</u>	<u>GPA Points</u>	<u>Percentage Score</u>	<u>Letter Grade</u>	<u>GPA Points</u>
90 - 100	A	4.0	70 - 74	C	2.0
85 - 89	B+	3.5	65 - 69	D+	1.5
80 - 84	B	3.0	60 - 64	D	1.0
75 - 79	C+	2.5	< 60	F	0.0

Educational Resources:

<i>Educational Resource</i>	Description	Comments
Textbooks Required	Getslearning series Microsoft power Point XP	
References	Shelly, Cashman, Vermaat, Discovering Computers 2004, A Gateway to Information, (ISBN: 0-7895-6703-2)	
Computers	Shelly, Cashman, Vermaat, Microsoft Office XP: Introductory Concepts and Techniques, Course 1, Enhanced Edition. (ISBN: 0-619-XP4-2)	
CD - ROM :	Internet searches for obtaining info on Computers.	
Other Resources:	(CD-ROM) data base in the library + Action learning through CD Accompanying the textbook	
	Library resources, Internet search of periodicals	

Course Schedule & Outline:
Sixteen Week Semester, 3 hrs/Wk

Date	Week	Outline Syllabus	Learning Outcomes	Homework Assignments, Due dates
February 12/2-16/2	1		LO1	
February 19/2-23/2	2		LO2	
May 28/5- 31/5		General Review		