



## SESSION PLAN

### Lecture

COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 1	Title: What is Multimedia	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Definition of "Multimedia"
2	Common terms
3	Multimedia delivery media
4	History of multimedia
5	Where to use multimedia
6	Course schedule.
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 Name: Dr. Mahmoud Youssef  
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Date: 2/8/2009

**Approved by:**  
 Designation: Program Manager  
 Name: Dr. Mahmoud Youssef  
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## **Lecture**

### **Source Material**

Multimedia : Make it work (seventh Edition) (McGraw-Hill Osborne Media 2008)  
ISBN – 13: 978-0-07-226451-7  
ISBN-10: 0-07-226451-9

### **Supplementary Material**

Principles of Web Design (published by course technology 2000)  
ISBN 0-619-01526-8

### **Educational Resources**

<http://mis1.aast.edu/moodle>

## **Tutorial / laboratory / Workshop (Delete as required)**



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COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 2	Type of Images	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	vector drawing
2	Bitmap image
3	Image file format
4	Graphic resolution
5	Image size
6	compression
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COURSE PARTICULARS	
CR 411	<b>Title:</b> Multimedia Technologies

SESSION PARTICULARS		
#: 3	<b>Title:</b> Planning a website	<b>Hrs:</b> 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Introduction
2	User needs
3	Storyboard
4	Navigation map
5	Design approaches
6	Design for the screen
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#### COURSE PARTICULARS

CR 411	Title: Multimedia Technologies
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#### SESSION PARTICULARS

#: 4	Title: Theory of Color	Hrs: 1Hr
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#### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
1	Color abstractions
2	Complementary colors
3	Warm vs. cool colors
4	Tints and shades
5	primary colors
6	Secondary colors
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### Lecture

#### COURSE PARTICULARS

CR 411	Title: Multimedia Technologies
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#### SESSION PARTICULARS

#: 5	Title: : Theory of Color continued	Hrs: 1Hr
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#### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
1	Color harmony and color meaning
2	Red, Yellow, and Blue or CMYK
3	monochromatic
4	analogous
5	complementary
6	split complementary
7	triadic
8	tetradic (also called double complementary)
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COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 6	Title: Typography	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Type of text
2	Type style
3	Text emphasis
4	Importance of text in a multimedia presentation or website
5	Attributes of fonts
6	Choosing text fonts (CSS )
7	Fields for reading
8	Searching for words
9	Hyper text , navigation menus
10	Plan your approach

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### COURSE PARTICULARS

CR 411	Title: Multimedia Technologies
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### SESSION PARTICULARS

#: 7	Title: 7 <sup>th</sup> Week Exam	Hrs: 1Hr
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### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
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COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 8	Title: Anatomy and Grid systems for web design	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Anatomy of webpage
2	container
3	header
4	logo
5	navigation
6	sidebars
7	footer
8	white spaces
9	the most common layouts
10	fresh trends
.....	.....
.....	.....

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COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 9	Title: Principles of design	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	balance
2	unity
3	emphasis
4	contrast
5	continuity
6	placement
7	proportion
8	alignment
.....	.....

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COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 10	Title: Animation and video	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	What is animation?
2	The power of animation
3	Principles of animation
4	Animation file formats
5	Kinds of animation
6	Frame rate concepts for 2D animation
7	What is 3D animation?
8	Using video clips
9	Analog display standards
10	Digital video
11	Video recording and tape formats
12	Lighting , Chroma key, composition
13	Optimizing video files for CD-Rom, DVD recordable

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#### COURSE PARTICULARS

CR 411	<b>Title:</b> Multimedia Technologies
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#### SESSION PARTICULARS

#: 11	<b>Title:</b> Sound and Authoring tools	<b>Hrs:</b> 1Hr
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#### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
1	The power of sound
2	Digital audio
3	Audio file formats
4	Sample rates
5	Compression codecs
6	Streaming audio
7	Adding Sound to your Multimedia project
8	Helpful ways to organize
9	Type of Authoring tools
10	Different stages of authoring
11	Editing Features
12	Organizing Features
13	Programming Features

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#### COURSE PARTICULARS

CR 411	Title: Multimedia Technologies
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#### SESSION PARTICULARS

#: 12	Title: Rules for Design logo	Hrs: 1Hr
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#### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
1	What is a logo and what it represents?
2	Types of logos
3	Text logo
4	Iconic logo
5	Graphic logo
6	Illustrative logo
7	Golden rules for logo design
8	Animated logo
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## SESSION PLAN

### Lecture

COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 13	Title: Letterhead and Business cards	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	The basic of letterhead design
2	Visual effects
3	Layout a letterhead
4	Layout an envelope
5	Layout a business card
6	Type
7	color combinations
8	special production techniques
9	variety of designs
10	the latest ideas and trends

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## SESSION PLAN

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#### COURSE PARTICULARS

CR 411	Title: Multimedia Technologies
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#### SESSION PARTICULARS

#: 14	Title: Flyer or Flier , pamphlet and Booklet	Hrs: 1Hr
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#### LEARNING OUTCOMES / ABILITIES GAINED\*

#	Outcome Description
1	The basic of flyer and brochure design
2	Visual effects
3	Layout a flyer
4	Different sizes
5	Layout a brochure
6	Type
7	color combinations
8	special production techniques
9	variety of designs
10	the latest ideas and trends
.....	
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### COURSE PARTICULARS

CR 411	Title: Multimedia Technologies
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### SESSION PARTICULARS

#: 15	Title 12 <sup>th</sup> Week Exam	Hrs: 1Hr
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### LEARNING OUTCOMES / ABILITIES GAINED\*

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COURSE PARTICULARS	
CR 411	Title: Multimedia Technologies

SESSION PARTICULARS		
#: 16	Title Project presentation	Hrs: 1Hr

LEARNING OUTCOMES / ABILITIES GAINED*	
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