



## SESSION PLAN

### Lecture

| COURSE PARTICULARS |                                      |
|--------------------|--------------------------------------|
| CR332              | Title: New trends in Web Site Design |

| SESSION PARTICULARS |  |           |
|---------------------|--|-----------|
| #: 1                | TITLE: CSS FUNDAMENTALS FOR ADVANCED USE | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                     |
|---------------------------------------|---------------------|
| #                                     | Outcome Description |
| 1                                     | User style sheets   |
| 2                                     | Selectors           |
| 3                                     | Box model           |
| 3                                     | Pseudo-classes      |
| .....                                 | .....               |
| .....                                 | .....               |
| .....                                 | .....               |
| .....                                 | .....               |
| .....                                 | .....               |

**Prepared by:**  
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 Name: Dr. Mahmoud Youssef  
 Sign

Date: 2/8/2009

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

### **Source Material**

Beginning HTML5 and CSS3: Next Generation Web Standards (Paperback)  
ISBN: 1430228741  
Apress; 1 edition (April 25, 2010)

### **Supplementary Material**

### **Educational Resources**

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

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| #: 2                | Title: CSS Fundamentals for Advanced Use | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                                  |
|---------------------------------------|----------------------------------|
| #                                     | Outcome Description              |
| 1                                     | Using combinators                |
| 2                                     | General sibling combinatory      |
| 3                                     | Keywords and font names          |
| 4                                     | Numbers                          |
| 5                                     | Color functions                  |
| 6                                     | Basic math for computing lengths |
| 7                                     | CSS positioning schemes          |
| .....                                 | .....                            |
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| .....                                 | .....                            |
| .....                                 | .....                            |

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| #: 3 | Title: Creating a CSS site straight out of the box | Hrs: 4Hrs |
|------|--|-----------|

#### LEARNING OUTCOMES / ABILITIES GAINED\*

| #     | Outcome Description                    |
|-------|--|
| 1     | Using a built-in CSS layout            |
| 2     | Styling a page                         |
| 3     | Inspecting the cascade in Current mode |
| 4     | Adding a pull quote                    |
| ..... | .....                                  |
| ..... | .....                                  |
| ..... | .....                                  |
| ..... | .....                                  |
| ..... | .....                                  |
| ..... | .....                                  |

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| #: 4 | Title: CSS AND FLASH | Hrs: 2Hrs |
|------|----------------------|-----------|

#### LEARNING OUTCOMES / ABILITIES GAINED\*

| #     | Outcome Description                   |
|-------|---------------------------------------|
| 1     | Element selectors vs. class selectors |
| 2     | Custom tags                           |
| 3     | Style inheritance                     |
| 4     | Embedded fonts                        |
| 5     | Loading external CSS                  |
| ..... | .....                                 |
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| ..... | .....                                 |
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| ..... | .....                                 |
| ..... | .....                                 |

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| #: 5                | Title: Exploring the Emergence of CSS3 | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                                   |
|---------------------------------------|-----------------------------------|
| #                                     | Outcome Description               |
| 1                                     | Using CSS3 today                  |
| 2                                     | CSS positioning schemes           |
| 3                                     | CSS3 color units and opacity      |
| 4                                     | CSS3 pseudo-classes               |
| 5                                     | Typographic effects and web fonts |
| .....                                 | .....                             |
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| #: 6 | Title: CSS3 Color Module | Hrs: 2Hrs |
|------|--------------------------|-----------|

#### LEARNING OUTCOMES / ABILITIES GAINED\*

| #     | Outcome Description                |
|-------|------------------------------------|
| 1     | Color formats in CSS2              |
| 2     | Color formats in CSS3              |
| 3     | HSL                                |
| 4     | CMYK                               |
| 5     | RGBA and HSLA                      |
| 6     | Browsers support for RGBA and HSLA |
| 7     | RGBA/HSLA in other CSS properties  |
| 8     | RGBA backgrounds                   |
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| #: 7                | <b>Title:</b> 7 <sup>th</sup> Week Exam | <b>Hrs:</b> 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                     |
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| #                                     | Outcome Description |
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| #: 8                | Title: Gradient Borders and Border Image | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                                    |
|---------------------------------------|------------------------------------|
| #                                     | Outcome Description                |
| 1                                     | CSS3 Borders Preview               |
| 2                                     | Rounded Borders                    |
| 3                                     | Rounded Borders (Specific Corners) |
| 4                                     | Gradient Borders                   |
| 5                                     | using images for your border       |
| .....                                 | .....                              |
| .....                                 | .....                              |
| .....                                 | .....                              |

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|------|--|-----------|
| #: 9 | Title: Rounded Corner Boxes and Box Shadow | Hrs: 2Hrs |
|------|--|-----------|

#### LEARNING OUTCOMES / ABILITIES GAINED\*

| #     | Outcome Description   |
|-------|---|
| 1     | Rounded Corner Boxes examples   |
| 2     | values of box-shadow  |
| 3     | Box-shadow with positive value  |
| 4     | Box-shadow with negative value  |
| 5     | Box-shadow with no blur specified (equal to zero)   |
| 6     | Box-shadow + border-radius  |
| 7     | Box-shadow applied to 2 neighboring elements - proof that the shadow is not part of the box-model |
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|---------------------|-----------------------------------|-----------|
| #: 10               | Title: Multiple background Images | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                                     |
|---------------------------------------|-------------------------------------|
| #                                     | Outcome Description                 |
| 1                                     | Multiple background Images examples |
| 2                                     | The down sides                      |
| 3                                     | The basics                          |
| .....                                 | .....                               |
| .....                                 | .....                               |
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**Source Material**

Adobe Flash CS4 Professional Classroom in a Book by Adobe Creative Team

**Supplementary Material**

Web Design Using Dream Weaver by Miller,  
Publisher: McGraw-Hill Companies (2002)

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|---------------------|---------------|-----------|
| #: 11               | Title: HTML 5 | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                          |
|---------------------------------------|--------------------------|
| #                                     | Outcome Description      |
| 1                                     | What are the benefits?   |
| 2                                     | Where can I use it?      |
| 3                                     | How can we move forward? |
| 4                                     | The DOCTYPE              |
| 5                                     | Structural Tags in HTML5 |
| .....                                 | .....                    |
| .....                                 | .....                    |
| .....                                 | .....                    |
| .....                                 | .....                    |
| .....                                 | .....                    |

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| #: 13               | Title: HTML 5 CONTINUED | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                                  |
|---------------------------------------|----------------------------------|
| #                                     | Outcome Description              |
| 1                                     | New Elements you should know     |
| 2                                     | Easing the transition from XHTML |
| 3                                     | Extending the API                |
| 4                                     | Mobile devices                   |
| .....                                 | .....                            |
| .....                                 | .....                            |
| .....                                 | .....                            |

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| #: 14               | Title: Coding A HTML 5 Layout From Scratch | Hrs: 2Hrs |

| LEARNING OUTCOMES / ABILITIES GAINED* |                             |
|---------------------------------------|-----------------------------|
| #                                     | Outcome Description         |
| 1                                     | BEFORE YOU BEGIN            |
| 2                                     | THE DESIGN                  |
| 3                                     | THE HEADER                  |
| 4                                     | FEATURED BLOCK              |
| 5                                     | THE LAYOUT'S BODY           |
| 6                                     | THE EXTRAS BLOCK            |
| 7                                     | THE ABOUT AND FOOTER BLOCKS |
| 8                                     | ADD CSS3                    |
| .....                                 | .....                       |
| .....                                 | .....                       |
| .....                                 | .....                       |
| .....                                 | .....                       |
| .....                                 | .....                       |

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