

## *Dynamic Web Authoring – COM 353*

### *Making a Website Accessible and Introduction to JavaScript*

#### **Task 0 – Making an Accessible Website**

Read through the lecture notes on accessibility and try to fix your practical 1 page to meet accessibility requirements, for example:

- i. tables: add summary, scope attributes
- ii. Images: add a descriptive alt attribute
- iii. Text entry: add id, label for attributes
- iv. Radio button and check box: add id, label
- v. Ensure CSS and XHTML standards are adhered to

After you have made practical one accessible, do the same for your daily learning log.

#### **Task 1 – Introductory JavaScript**

- i. Create a HTML document with the following code:

```
<!DOCTYPE html>
<head>
<title>Image swap</title>
</head>
<body bgColor="white">
<a href='#' onmouseover="document.photo.src='IMAGE_1.jpg';"
onmouseout="document.photo.src='IMAGE_0.jpg';">
 </img>
</a>
</body>
</html>
```

- ii. After you have created this document, search for and download two images you would like to incorporate into the image swap – name

these IMAGE\_0.jpg and IMAGE\_1.jpg. Ensure these have similar dimensions and aspect ratio to not cause a jarring experience.

- iii. Following this, draw the DOM structure of the page. Draw this in a manner that you can incorporate into your online learning log such as using MS Word, Google Draw or a photo taken of a sketch pad.
- iv. Explain the lines in the HTML document that are in bold and blue.

## **Task 2 – Introductory JavaScript II**

In the Web page developed in Task 1, add three *rollover links* to allow visitors to change the background color.

Valid named colors for Web page backgrounds are white, black, green, maroon, olive, navy, purple, gray, red, yellow, blue, teal, lime, aqua, fuchsia, and silver. Use the code found in Events and Even Handlers in the lecture notes and examples. (“#” can be keyed in using ‘alt’+’3’ from Mac Keyboard).

At least one rollover link should use a named colour and at least one should use a RGB specified colour.

## **Task 3 – Update your Learning Log**

In your learning log, summarise the learning activities and the techniques you used, also provide links to the html files that you developed in the above tasks.