

## Discovery Topics (Discussion Forums) – Week 1

**Please read the grading rubric at the end of this document carefully before you begin this discovery topics activity, as it describes how points for this assignment will be awarded.**

### Instructions:

Choose any **two** questions from the list below and post your answer(s) to the **Week 1 Discovery Topics** forum within the virtual classroom. Please create a **separate thread** for each post and create hyperlinks for any website references used in your responses. **Responses not created as a separate thread, will not receive credit.** Response must be included within the post, not as a Microsoft Word attachment. **Word attachments will not receive credit.**

**You must include the source where you received the information within your response.** If it's a website resource, the URL must be correctly hyperlinked and included at the end of the response. If it's a printed source, please include the appropriate source information at the end of the response. If it's your own industry knowledge, you must include an industry example illustrating your experience and knowledge within the response. Responses without listed sources, will receive a point deduction.

The **peer response** portion of the assignment requires you to respond to a **minimum of two of your classmate's posts** to the initial questions posted within the current week's discovery topics discussion forum. Your peer responses should demonstrate your knowledge of the initial question and elaborate on your classmate's answer.

**Initial responses to the questions are due no later than Day 3 (Wednesday) of the week by 11:55pm. Peer responses are due no later than Day 7 (Sunday) of the week by 11:55pm.**

**Please do not simply copy/paste information from a website, I want your answers to the questions to be written in your own words. Feel free to include information from websites and quote information, but you must also provide a summary in your own words. Points will be deducted for copy/paste answers only. See the grading rubric below.**

**Please see the Weekly Schedule for the Discovery Topics due dates.** Discussion forum responses posted after the due date deadline will be graded according to the grading criteria. **For each calendar day an initial response is posted past its due date (Day 3), 25% is immediately deducted from the total point value listed within the grading rubric. Initial Responses not submitted within 3 (three) calendar days of the assigned due date will receive a "0" (zero) grade. Peer responses will not be accepted past the due date. Word document attachments will not receive credit you must post your response in its entirety to the appropriate forum.**

Please review the course Late Policy within the First Day Handout/Syllabus.

### Example of an "A" grade Initial Response:

*"HTML, or Hypertext Markup Language, is a tag based language used by machines to render the websites we see daily on the world wide web (1). Many elements of a web page are declared and defined by tags. The text book describes this language as the primary means of presentation on the web. XML, or Extensible Markup Language, was created for the purpose of dealing with data. On w3.org, there are listed a number of subsets of XML to handle various kinds of data (2). From my own experience with Visual Basic and C#, XML can be used to simplify the creation of a custom control (a control is an object such as a button on a form). XML also uses tags like HTML, but unlike HTML it has a more strongly typed syntax.*

*XHTML, or Extensible Hypertext Markup Language, combines HTML and XML, forcing a more rigid syntax like that used in XML(3). XHTML seems to be a natural evolution of HTML, forcing more structure. In fact, the textbook describes the coming HTML 5.0 to be a replacement for XHTML,*

*solidifying the marriage of HTML and XML into the future.”*

(1) <http://www.w3.org/wiki/HTML>

(2) <http://www.w3.org/wiki/XML>

(3) [http://www.w3schools.com/html/html\\_xhtml.asp](http://www.w3schools.com/html/html_xhtml.asp)

### Example of an “E” grade Peer Response:

*“Very informative. My knowledge is growing more and more everyday thanks to post like this.”*

**Each question/answer must have a separate post within the appropriate forum.**

### Topics:

1. Locate a current (2014-2015) JavaScript-related article/blog post/video online and provide the following:
  - a. A 2-paragraph summary of the article/post/video.
  - b. What did you learn about JavaScript from the article/post/video?
  - c. The URL to the article/post/video.

***Review the grading rubric for the grading criterion.***

2. There are various markup languages associated with the Web. In your own words, summarize the differences and similarities between XHTML, XML and HTML. Also include how HTML5 differs from previous versions of HTML and how does it work in conjunction with JavaScript. ***Review the grading rubric for the grading criterion.***
3. Research the W3C (World Wide Web Consortium) and visit the W3C website at: <http://www.w3.org>. Provide a 1-2 paragraph summary in your own words outlining the main priorities of the W3C (what they, why they do it, etc.). What are your thoughts on their importance? ***Review the grading rubric for the grading criterion.***
4. Research the importance of JavaScript to mobile web and app development and report your findings to the class. ***Review the grading rubric for the grading criterion.***

***Grades will be assigned within the limits of the grading rubric below.***

### Discovery Topics Forum Rubric

Criterion	Outstanding	Proficient	Needs Improvement
Answer One Research Question <i>10 points possible</i>	<p>Demonstrates understanding of the topic; a separate thread was created for each posting; response is summarized in own words.</p> <p>Incorporates knowledge (personal <b>and</b> work/industry related); all research sources are listed within response; all website references are correctly hyperlinked and accessible.</p> <p>Few or no spelling/grammatical errors (0-2); does not include the use of</p>	<p>Demonstrates understanding of topic but lacks detail; a separate thread was created for each posting; response is summarized in own words.</p> <p>Incorporates some knowledge (personal <b>and</b> work/industry related); some research sources are listed within response; some website references are included and accessible.</p> <p>Some spelling/grammatical errors (no more than 3); does not include the use of "text</p>	<p>Understanding of topic is inaccurate; a separate thread was not created for each posting; response is not summarized in own words.</p> <p>Incorporates only personal knowledge; research sources are not listed within responses; website references are not included and are not accessible.</p> <p>Numerous spelling/grammatical errors (more than 4); Includes the</p>

	<p>"text messaging acronyms" within response.</p> <p><b>10 Points</b></p>	<p>messaging acronyms" within response.</p> <p><b>9-6 Points</b></p>	<p>use of "text messaging acronyms" within response.</p> <p><b>5-0 Points</b></p>
<p>Answer Second Research Question <i>10 points possible</i></p>	<p>Demonstrates understanding of the topic; a separate thread was created for each posting; response is summarized in own words.</p> <p>Incorporates knowledge (personal <b>and</b> work/industry related); all research sources are listed within response; all website references are correctly hyperlinked and accessible.</p> <p>Few or no spelling/grammatical errors (0-2); does not include the use of "text messaging acronyms" within response.</p> <p><b>10 Points</b></p>	<p>Demonstrates understanding of topic but lacks detail; a separate thread was created for each posting; response is summarized in own words.</p> <p>Incorporates some knowledge (personal <b>and</b> work/industry related); some research sources are listed within response; some website references are included and accessible.</p> <p>Some spelling/grammatical errors (no more than 3); does not include the use of "text messaging acronyms" within response.</p> <p><b>9-6 Points</b></p>	<p>Understanding of topic is inaccurate; a separate thread was not created for each posting; response is not summarized in own words.</p> <p>Incorporates only personal knowledge; research sources are not listed within responses; website references are not included and are not accessible.</p> <p>Numerous spelling/grammatical errors (more than 4); Includes the use of "text messaging acronyms" within response.</p> <p><b>5-0 Points</b></p>
<p>Peer Response 1 <i>5 points possible</i></p>	<p>Demonstrates complete understanding of initial post; factual information provided for the topic; provides insight on topic; elaborates on discussion; all sources are listed within response; response is summarized in own words.</p> <p><b>5 Points</b></p>	<p>Demonstrates some understanding of initial post; factual information provided for each topic but lacks thought and insight; elaborates on discussion; some sources are listed within response; response is summarized in own words.</p> <p><b>4-2 Points</b></p>	<p>Understanding of initial post is inaccurate; very shallow discussion; does not enrich discussion; copy/paste answer from resource; response is not summarized in own words.</p> <p><b>1-0 Points</b></p>
<p>Peer Response 2 <i>5 points possible</i></p>	<p>Demonstrates complete understanding of initial post; factual information provided for the topic; provides insight on topic; elaborates on discussion; all sources are listed within response; response is summarized in own words.</p> <p><b>5 Points</b></p>	<p>Demonstrates some understanding of initial post; factual information provided for each topic but lacks thought and insight; elaborates on discussion; some sources are listed within response; response is summarized in own words.</p> <p><b>4-2 Points</b></p>	<p>Understanding of initial post is inaccurate; very shallow discussion; does not enrich discussion; copy/paste answer from resource; response is not summarized in own words.</p> <p><b>1-0 Points</b></p>
<b>Total points: 30</b>			