

## UNIT PLAN

**Course Number:** 487a-001 (honors level)

**Discipline:** Computer Science (Media Arts)

**Grade Level:** 9-12

**Course Length:** 1 Semester

**Credits:** 3

### **Course Description:**

The purpose of this course is to confidently transition students into the professional world of Web Design and Development. Students will focus on preparing for the Adobe Dreamweaver CC certification exam.

The teacher will administrate the exam at the end of the semester in the classroom setting. The course will also introduce students to CSS3 for transitions, designing and developing for multiple screen sizes and advance features in Photoshop and Dreamweaver. In conjunction with preparing for the Adobe Dreamweaver CC certification exam and expanding their knowledge on the Adobe CC suite students will build and maintain a minimum of 1 website. This website will need to be based on an educational or non-profit environment. When students exit this course they will be prepared to apply for an entry-level job in Web Design/Development, which on average starts at a rate of \$25/hr.

### **School-Wide Student Expectations:**

**Problem Solving**, The student's problem solving exhibits all of the following:

- \* Identifies and describes the problem
- \* Draws information from a variety of sources
- \* Addresses all essential conditions of the problem
- \* Presents correct work or computation with evidence of reflection checking
- \* Shows understanding of underlying concepts and procedures
- \* Presents strong supporting arguments and/or facts with great clarity and organization

**Writing**, The student's writing exhibits all of the following:

- \* Convention of proper usage for academic writing
- \* An understanding of audience through word choice, vocabulary, tone and style

## Unit: Certification Exam

<b>Enduring Understanding</b>	<p>Adobe Certified Associate is an entry-level certification aimed at validating communication skills using a particular digital medium. An individual with the ACA certification is armed with the credentials to get summer internships, a first job out of school, or credit for college-level programs in design, Web, or rich media.</p> <ul style="list-style-type: none"><li>- Setting project requirements</li><li>- Planning site design and page layout</li><li>- Understanding the Adobe Dreamweaver CC interface</li><li>- Adding content by using Dreamweaver CC</li><li>- Organizing content by using Dreamweaver CC</li><li>- Evaluating and maintaining a site by using Dreamweaver CC</li></ul>
<b>Essential Questions</b>	<ul style="list-style-type: none"><li>- How does a marriage relate to taking a certification exam which validates your skills and talents?</li></ul>

<p><b>Unit Objectives</b></p>	<ul style="list-style-type: none"> <li>- Setting project requirements 9-12.CAS.a.1 9-12.CAS.a.2</li> <li>- Planning site design and page layout 9-12.CAS.a.2 9-12.CAS.c.8</li> <li>- Understanding the Adobe Dreamweaver CC interface 9-12.CT.d.10 9-12.CT.d.11</li> <li>- Adding content by using Dreamweaver CC 9-12.DTC.b.1 9-12.DTC.c.4</li> <li>- Organizing content by using Dreamweaver CC 9-12.DTC.c.4 9-12.DTC.a.2</li> <li>- Evaluating and maintaining a site by using Dreamweaver CC 9-12.DTC.c.5 9-12.DTC.a.2</li> </ul>
<p><b>Assessment Activities</b></p>	<p>Adobe Dreamweaver ACA Exam: Provided by Certiport and taken in the classroom - - -</p> <p>Domains 1-3, Voc. Exam: <a href="http://mrscullen.com/images/awd2voceexam1_dom1_3.swf">http://mrscullen.com/images/awd2voceexam1_dom1_3.swf</a> - - -</p> <p>Domains 4-6, Voc. Exam: <a href="http://mrscullen.com/oldsite_2013/flash/awd2voceexam_domains4_6/awd2voceexam_domains4_6.htm">http://mrscullen.com/oldsite_2013/flash/awd2voceexam_domains4_6/awd2voceexam_domains4_6.htm</a> - - -</p> <p>Flash cards to study for Voc. Exams: <a href="https://quizlet.com/10903929/study-guide-flash-cards/">https://quizlet.com/10903929/study-guide-flash-cards/</a> &amp; <a href="https://quizlet.com/40591792/dreamweaver-flash-cards/">https://quizlet.com/40591792/dreamweaver-flash-cards/</a></p>

## Vocabulary

Algorithm, Attribute, Authentication, Code, Coding, Class, Computational Artifact, Variable

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Checkpoints, copyright, deliverables, derivative work, design comp, fair use doctrine, intellectual property, publication, target audience, wireframe, CSS, deprecated, div element, fixed layout, flowchart, horizontal rule, library object, liquid layout, scope creep, storyboard, template, assets panel, code view, coding toolbar, custom workspace, design view, document window, drop zone, favorite list, files panel, insert panel, live code view, live view, property inspector, site list, split code view, workspace switcher, absolute path, document-relative path, email link, hotspot, hyperlink, image map, local site, named anchor, progressive download video, remote site, rollover image, root folder, site-root relative path, smart object, streaming video, URL, Web server, absolute positioning, AP div tag, CSS layout block, definition list, div tag, editable optional region, editable region, external CSS, fixed positioning, font family, HTML, optional region, round-trip editing, static positioning, template, unordered list, get, orphaned files, publishing, put

<p><b>Project Based Learning Activities</b></p>	<p>Activities  ACA CS5 Prep and Certification Book  <a href="https://books.google.com/books/about/Adobe_Creative_Suite_5_ACA_Certification.html?id=AILqOhbl67MC&amp;hl=en">https://books.google.com/books/about/Adobe_Creative_Suite_5_ACA_Certification.html?id=AILqOhbl67MC&amp;hl=en</a>  (complete Domains 1-6)  - - -  Adobe Dreamweaver CC, Classroom in a Book:  <a href="https://www.amazon.com/Adobe-Dreamweaver-CC-Classroom-Book/dp/0321919416">https://www.amazon.com/Adobe-Dreamweaver-CC-Classroom-Book/dp/0321919416</a>  (complete Chapters 1-6)  - - -  Adobe Dreamweaver CC, ACA Practice Exams:  provided by Certiport</p> <p>Learning Resources  Adobe Creative Cloud Study Guide:  <a href="http://mrscullen.com/images/creativecloud_studyguideadobe.pdf">http://mrscullen.com/images/creativecloud_studyguideadobe.pdf</a>  - - -  Mrs. Cullen's Printed Study Guide:  picked up at CDS study session</p>
<p><b>School Wide Student Learning Expectations</b></p>	<p><b>Problem Solving</b>, The student's problem solving exhibits all of the following:  * Identifies and describes the problem  * Draws information from a variety of sources  * Addresses all essential conditions of the problem  * Presents correct work or computation with evidence of reflection checking  * Shows understanding of underlying concepts and procedures  * Presents strong supporting arguments and/or facts with great clarity and organization</p>
	<p><b>Writing</b>, The student's writing exhibits all of the following:  * Convention of proper usage for academic writing  * An understanding of audience through word choice, vocabulary, tone and style</p>