Name:

Date:

Period:



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[Year]

BrainBuffet Dreamweaver CC18|19|20 Student Packet

[DOCUMENT SUBTITLE]

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 **DREAMWEAVER CC18|19|20 GAMER MISSION HANDBOOK**

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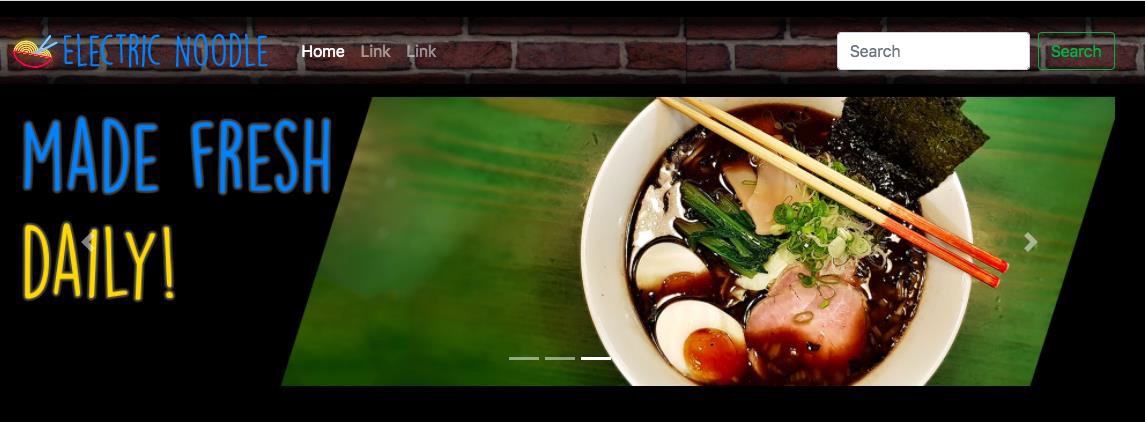
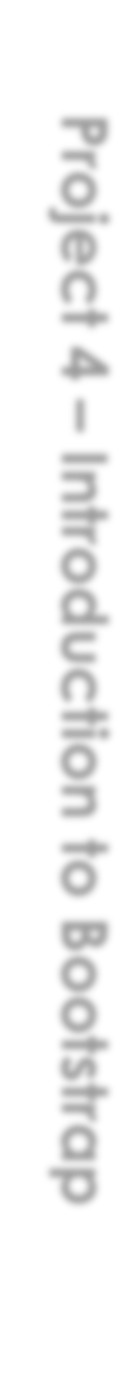
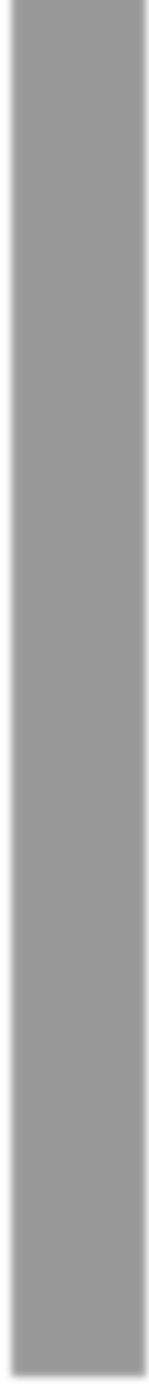
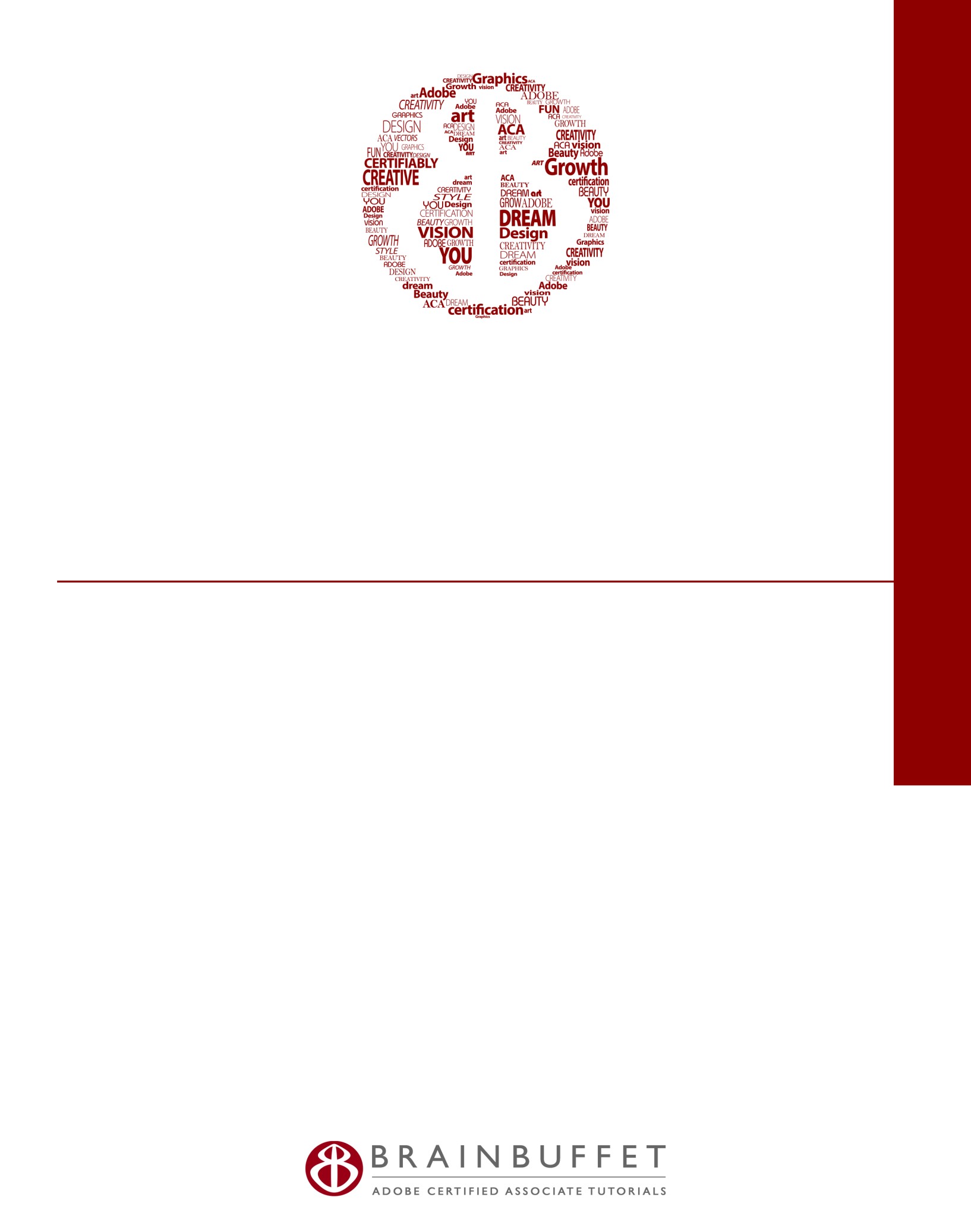
**Page 1**

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**Page 41**

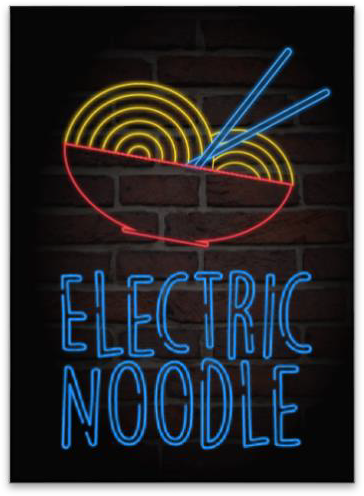


**Project 4 – Introduction to Bootstrap**

**Dreamweaver CC18|19|20 Project 4**

CheckmarkCloseCheckmarkClose

# Dreamweaver CC18|19|20 Project 4 S.E.T.

**cenario:** *We’ve been hired by an imaginary restaurant called Electric Noodle to develop their new website! In this project, you’ll learn some new professional skills that will help*

**S**

*you learn to work with clients and manage a large project the way you would in a real development firm. The first video in this project is a FIELD TRIP to interview some professional web developers about their workplace!*

*In addition, now that you have the hang of the basic principles of HTML and CSS, there are so many great tools out there to save you time as a professional developer. One of them is called Bootstrap, which is a framework that is so popular, that Dreamweaver built it right into its interface! The basic idea is that you use some pre-made CSS rules to develop your page as*

*a grid of columns right from the very start – no floating or positioning necessary! There are also some really neat JavaScript features built in, such as an image slideshow!*

**xpectations:** Create a homepage for the restaurant Electric Noodle using the Bootstrap framework to organize your content into columns.

**E**

**T imeline**: This should take you 3-4 hours of class time to complete.

|  |  |
| --- | --- |
| **Make sure to finish your BrainBuffet P.L.A.T.E.** for every day you’re working on a tutorial!  (Progress Learning, Activity, Timestamp, Experience.) | |
| **Day 1 Date:** | **Day 2 Date:** |
| Videos Completed:  Screenshots to document progress? What was the coolest thing you learned? | Videos Completed:  Screenshots to document progress? What was the coolest thing you learned? |

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| **Make sure to finish your BrainBuffet P.L.A.T.E.** for every day you’re working on a tutorial!  (Progress, Learning, Activity, Timestamp, Experience.) | |
| **Day 3 Date:** | **Day 4 Date:** |
| Videos Completed:  Screenshots to document progress? What was the coolest thing you learned? | Videos Completed:  Screenshots to document progress? What was the coolest thing you learned? |
| **Day 5 Date:** | **Day 6 Date:** |
| Videos Completed:  Screenshots to document progress? What was the coolest thing you learned? | Videos Completed:  Screenshots to document progress? What was the coolest thing you learned? |

# Dreamweaver CC18|19|20 Project 4 Worksheets

**NOTES: Using the BrainBuffet Project 4 tutorials, please answer the following questions. Key vocabulary terms are in *bold!***

1. What is **UX design**, and how does it help make a web development project more successful? (4.01) UX design is designing elements of the product to be as easy as possible for the user to navigate and really tries to help the project become more successful because it makes the user have a good experience with your page.
2. Explain what **iteration** means, and how it helps make a web development project more successful. (4.01) Iteration means that you push your boundaries of your initial reaction might be. It will be more successful because you will become a better designer because you might make something more unique that you ever initiated it to be.
3. What is a **target audience**? Give some examples of **demographic information** that is helpful to know about your target audience when planning a project. (4.01) Target audience is the group of people you are trying to reach. You can have certain ways to communicate your message to people.
4. What are some effective ways to gather feedback about a site’s **usability** before and

after it’s been published? (4.01) Before the website is live you can check the site’s usability by making sure the site is easy to read & understand, make sure links are working, make sure navigation is good and work. After it’s published, you can post surveys, emails and use site analytics to see how the audience use your website.

1. Give a definition for each of the **project planning deliverables** listed in the table below. (4.01-4.02)

|  |  |
| --- | --- |
| **Mood Board** | A collage of inspiring images, textures and fonts to brainstorm a design style for a project. |
| **Style Tile** | A visual reference guide to the fonts, colors, textures and other style elements that will be used a design project |
| **Site Map** | A visual outline of the pages in a site, with lines showing how each page will be connected via hyperlinks. |
| **Wireframe** | A design sketch of a webpage’s layout. Does not usually include colors or graphics – just lines. |

1. What is **Bootstrap**? (4.03) A pre-built CSS and JS library with responsive media queries already made and all you have to do is edit it.
2. What file name must you use to name the file that you want to be automatically loaded by the browser when a visitor enters your root domain address? In other words, which file will be loaded automatically when a user enters [http://www.domain.com](http://www.domain.com/) in their web browser’s address box? (4.03) index.html
3. What is the purpose of the **<meta>** tag? (4.04) Makes HTML pages visible to search engines. Belongs inside the head of each HTML document
4. What is the purpose of an **XML Sitemap**? (4.04) A list of the URLs for all files in your site, with a rank ordering of their importance
5. Describe the steps you would take to locate the existing CSS styles affecting an HTML element using the CSS Designer panel? (4.05) Click on HTML element in live mode then go to the css designer panel and click current at the top and it will select what you currently have selected.
6. You have created a shape using Photoshop that you want to use as a <div> box in your webpage. You need to copy CSS style rules for the shape from the Photoshop document using the **Extract panel** and apply them to a <div> in your webpage. Put the steps below to accomplish that task in order. (4.05)

7 Click “Paste Styles.”

1 Open the Extract panel.

3 Select the shape you want to copy.

5 In the CSS Designer panel, locate the rule that will style your div box.

4 Click “Copy Styles.”

2 Upload the .psd document, then open it.

6 Right click on the name of the style rule.

1. How can you use the DOM panel to duplicate or delete tags? (4.06) You right click on the highlighted section in the DOM panel and you can duplicate or delete the corresponding tag.
2. Complete the CSS rule below to meet each of the following requirements. (4.07)

|  |  |
| --- | --- |
| #box { | |
| **Stretches the width of the page, no matter**  **what size the browser viewport is.** | **width** : 100% ; |
| **Remains in place as the user scrolls up and**  **down the page.** | **position** : fixed ; |
| **Remains on top of all other elements.** | z-index : 10 ; |
| } | |

1. How many columns does a Bootstrap layout use? (4.08) 12 columns
2. If you want to have six horizontal boxes in a bootstrap row, how many columns should each box span? (4.08) 2

# Dreamweaver CC18|19|20 Project 4 Checklist and Rubric

|  |  |
| --- | --- |
| **PROJECT 4 SPECIFICATIONS** | |
| * Create a new site for the Electric Noodle restaurant. (Make sure all your files stay separate from your previous project’s site as you work.) * Set up the page’s title and metadata tags. * Use CSS to design the page’s basic appearance. * Create a navigation bar with a list item structure. Use the CSS Designer panel to locate the rules for the nav bar and customize it with a fixed position at 100% width of the screen, and colors/fonts to match your design. * Use the Live Code features to modify the boostrap columns so you have 4 tiles across the page. * Replace all of the page’s placeholder images and text with   your own content.   * Use the DOM panel to remove any unneeded page elements from the template, such as unused navigation links or content placeholders. * Manage your site folder by naming images and folders properly and keeping links organized. * Use CSS to style the elements of your page in a visually attractive manner that represents your personality and interests. | **Site folder should have:**  /electric\_noodle   * /css   + bootstrap-4.0.0.css * /images   + all images * index.html * /js   + related js files   **You should be able to:**   * Understand the different types of documents used to plan and prepare a web development project. * Create new pages using pre-built Bootstrap templates. * Use the CSS Designer panel to locate existing style rules affecting specific HTML elements. * Copy CSS style rules from Photoshop documents using the Extract panel. * Modify a Bootstrap template to offset and add columns. * Use the DOM panel to duplicate and delete tags. |

|  |  |  |
| --- | --- | --- |
| **Dreamweaver Project 4 “Intro to Bootstrap” Scoring Rubric** | | |
| ***Areas of Improvement*** | ***Criteria*** | **Evidence of Exceeding**  **Standards**  *Your teacher can provide feedback in this column to point out areas where you have demonstrated skill that goes above and beyond the basic criteria. Extra*  *Credit may be awarded.* |
| *Your teacher can provide feedback in* | *The basic requirements of the project are listed* |
| *this column to show you areas in your* | *in this column. If you meet these criteria, you are* |
| *skills that need improvement. Points may* | *right on track! Great job!* |
| *be deducted by your teacher from this* |  |
| *column.* |  |
|  | ***Page Content – 10 points*** Your page template has been customized to include text and  images specific to the Electric Noodle restaurant. |  |
|  | ***HTML and CSS Structure – 10 points***  The structure of your HTML tags and CSS rules displays correctly without any errors. Your code is written cleanly with spacing and indentation as appropriate. |  |
|  | ***Layout and Positioning***  Page elements are positioned correctly to avoid empty space and create good alignment and balance. Bootstrap layout structures are used to position columns and navigation elements. |  |
|  | ***Correct Images and Hyperlinks***  ***– 10 points***  All images display correctly, and all hyperlinks work. Images are appropriately sized within your page content with acceptable resolution. |  |
|  | ***File Management – 10 points*** All files (pages and images) and folders are named meaningfully and according to best practice (camelCase or hyphens, no spaces).  Files and folders are organized in an easy to understand manner. |  |
| **Total Score:** | | |

**Dreamweaver CC18|19|20 Project 4 Extension Projects**

**Project 4 Extension Challenges:**

* Continue filling the rest of the template using custom place-holder text and images.
* Come up with your own business idea, and create a website to market your product or service. Use Photoshop or Illustrator to develop your own mood boards, logos, style tiles, and wireframes. Choose a Bootstrap template that you like, and create your own site.
* Work on a free online course in HTML and CSS from Codecademy.com