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| | In rod c ion o he In erne and World Wide Web | | 2 | <p>[] De cribe he e ol ion of he In erne and he Web E plain he need for eb andard De cribe ni er al de ign I den if benefi of acce ible eb de ign I den if reliable re o rce of informa ion on he Web I den if e hical e of he Web</p> <p>[] De cribe he p rpo e of eb bro er and eb er er I den if ne orking pro ocol Define URI and domain name De cribe HTML, XHTML, and HTML5 De cribe pop lar rend in he e of he Web</p> <p style="text-align: right;">In erne and World Wide Web</p> | | | | |
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| | HTML Basic | | <p>[] Describe HTML, XHTML, and HTML5. Identify the markup language in a web page document. Use the h1, h2, h3, h4, h5, h6, head, body, title, and meta elements to code a template for a web page. Configure the body of a web page with the following elements: heading, paragraph, line break, div, list, and blockquote. Configure the following elements: header, navigation, main, and footer elements. Use the anchor element to link from page to page. Create absolute, relative, and email hyperlinks. Code, save, and display a web page document. Test a web page document for validation.</p> <p style="text-align: right;">HTML</p> <p>Basic</p> | | | | |
| | Configuring Color and Text in CSS | | <p>[] Describe the evolution of the web from print media to the Web. List advantages of</p> | | | | |

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|--|------------------------------|--|--|--|--|--|--|
| | | | <p>ing Cascading Style</p> <p>Sheet Configure background and color on web page</p> <p>Create stylesheet configure common color and properties</p> <p>[] Apply inline Use embedded stylesheet Use external stylesheet Configure element, class, id, and descendant selector Use the cascade in CSS Validate CSS</p> <p>Configuring Color and Text in CSS</p> | | | | |
| | Visual Elements and Graphics | | <p>2</p> <p>[] Create and format lines and borders on web page</p> <p>Decide when to use graphics and how graphics are appropriate</p> <p>Apply the image element to add graphics on web page</p> <p>Optimize an image for web page display Configure image background on web page</p> <p>Configure image alt text</p> <p>Configure rounded corners, borders, shadows, opacity,</p> | | | | |

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| | | | <p>and gradient in CSS3</p> <p>Configure RGBA color in CSS3</p> <p>[] Configure HSLA color in CSS3 Use HTML5 elements to caption a figure Use the HTML5 meter and progress elements Find free and fee-based graphic resources Follow recommended web design guidelines</p> <p>Implementing graphics on web page</p> <p>Visual Elements and Graphics</p> | | | |
| | Web Design | 2 | <p>[] Describe the most common types of websites and organizational structures Describe the principles of visual design Design for user experience Design clear, easy-to-use navigation Improve the readability of the content on a web page</p> | | | |

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| | | | | <p>[] Use graphic appropriate on web page</p> <p>Apply the concept of universal design on web page Describe web page layout design technique Apply best practice of web design</p> <p style="text-align: right;">Web</p> <p>Design</p> | | | | |
| | Page Layout | | 2 | <p>[] Describe and apply the CSS Box Model Configure margin in CSS Configure float in CSS Configure positioning in CSS Create two-column page layout using CSS Configure navigation in unordered list and list in CSS</p> <p>[] Add interaction to hyperlink in CSS pseudo-class Configure animation in interactive image gallery Configure web page in HTML5 structural element, including section, article, and aside Configure older browser</p> | | | | |

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| | | | | <p>o be compatible with HTML5</p> <p>Page</p> <p>La o</p> | | | | |
| | <p>More on Link , La o , and Mobile</p> | | 2 | <p>[] Code relate h perlink o eb page in folder i hin a eb ie Config re a h perlink o a named fragmen in ernal o a eb page Provide for acce ibili b config ring ARIA landmark role for r c ral HTML elemen Config re image i h CSS pri e Config re a hree-col mn page la o ing CSS Config re CSS for prin ing De cribe mobile de ign be prac ice</p> <p>[] Config re eb page for mobile di pla ing he ie por me a ag Appl re pon ie eb de ign echniq e i h CSS3 media q erie Appl re pon ie image echniq e incl ding he ne HTML5 pic re elemen Appl he ne CSS3 Fle bo la o model</p> | | | | |

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| | | | | Link , La o , and Mobile | | | | |
| | Table | | 2 | [] De cribe he recommended e of a able on a eb page Crea e a ba ic able i h he able, able ro , able header, and able cell elemen [] Config re able ec ion i h he head, bod , and foo elemen Increa e he acce ibili of a able S le an HTML able i h CSS De cribe he p rpo e of CSS r c ral p e do-cla e Table | | | | |
| 13 | | | 3 | | | | | |
| | Form | | 2 | [] De cribe common e of form on eb page Crea e form on eb page ing he form, inp , e area, and elec elemen Crea e form ha pro ide addi onal acce ibili | | | | |

features including the accessible and
accessible attributes. Accessibility
form controls and grouping
the label, fieldset, and legend
elements. Creating form image
buttons and checkboxes
elements. Using CSS to style a
form

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| | | | <p>methodologie Appl the System Development Life Cycle the development of web project Identify opportunity and determine goal during the Conceptualization phase Determine information topic and its requirements during the Analysis phase Create the site map, page layout, prototype, and documentation as part of the Design phase</p> <p>[] Complete the web page and associated files during the Production phase Verify the functionality of the website and create plan during the Testing phase Obtain client approval and launch website Modify and enhance website during the Maintenance phase Compare the goal of the website to the real world as part of the Evaluation phase Find the right web hosting provider for our website Choose a domain name for our website</p> <p style="text-align: right;">Web</p> <p>Development</p> | | | |
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[] Describe the purpose of
plugin, helper application,
media container, and codec
Describe

Web Multimedia
and Interactivity

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| | | | | Web Multimedia and Interaction | | | | |
| | E-commerce Overview | | 2 | <p>[] Define e-commerce Identify the benefits and risks of e-commerce Describe e-commerce business model Describe e-commerce security and encryption</p> <p>[] Define Electronic Data Interchange (EDI) identify trends and projections for e-commerce Describe the relationship of e-commerce Describe operations for order and payment processing</p> <p>E-commerce</p> | | | | |
| | Web Promotion | | 2 | <p>[] Identify common search engines and search indexes Describe the components of a search engine Design web pages that are friendly to search</p> | | | | |

engine

[] S bmi a eb i e for
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purpose of jQuery plugin

JavaScript and jQuery

- (1) HTML
- 3 (2) HTML
HTML

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| | | | 3 | (1) CSS (2) CSS | | CSS CSS 1 2 | |
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