

## SYLLABUS FOR WEB DESIGN AND DEVELOPMENT

### FIRST GRADING PERIOD

| WEEK | CONTENT                         | CONTENT STANDARD                                                                                                                                                                                                                                                                                                                                                                         | PERFORMANCE STANDARD                                                                                                                                                                                                                                                                               | LEARNING COMPETENCIES                                                                                                                                                                                                                  | CORE VALUES                                                                                                                                            |
|------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Introduction to Web Design      | <ul style="list-style-type: none"> <li>Discover the history of the web.</li> <li>Identify the basic concepts and elements in web design.</li> <li>Know the importance of a good web design</li> <li>Identify the different website builders.</li> </ul>                                                                                                                                  | <ul style="list-style-type: none"> <li>Name the person who proposed to create a global hypertext project.</li> <li>Identify the basic concepts and elements of web design.</li> <li>State the importance of good web design.</li> <li>Name different website builders.</li> </ul>                  | <ul style="list-style-type: none"> <li>Demonstrate the ability to recognize a good web design.</li> <li>Enumerate examples of proper usage of the basic concepts in web design.</li> </ul>                                             | <ul style="list-style-type: none"> <li>Competence</li> <li>Independence</li> <li>Productivity</li> <li>Individuality</li> <li>Assertiveness</li> </ul> |
| 2    | Introduction to Web Development | <ul style="list-style-type: none"> <li>Know the difference between the internet and the web.</li> <li>Identify the terms associated with the web.</li> <li>Define web development and its importance.</li> <li>Describe the industry of web development.</li> <li>Discover the web development life cycle.</li> <li>Identify the security considerations while using the web.</li> </ul> | <ul style="list-style-type: none"> <li>Define and identify the functions of terms associated with web development.</li> <li>Enumerate the responsibilities of a web developer.</li> <li>Identify the importance of website security.</li> <li>List down the tips in securing a website.</li> </ul> | <ul style="list-style-type: none"> <li>Name the different phases of the web development life cycle.</li> <li>Enumerate the reasons for cyber-attacks.</li> <li>Cite three (3) examples of common security risks on the web.</li> </ul> | <ul style="list-style-type: none"> <li>Insightful</li> <li>Competence</li> <li>Curiosity</li> <li>Independence</li> <li>Awareness</li> </ul>           |
| 3    | Starting a Career               | <ul style="list-style-type: none"> <li>Discover the difference between web developers and web designers</li> <li>Differentiate between front-end, backend, and full stack development.</li> </ul>                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Enumerate the differences between front-end, backend, and full stack developers.</li> <li>Name the opportunities and challenges in the field of web development.</li> </ul>                                                                                 | <ul style="list-style-type: none"> <li>Name the responsibilities of a web developer.</li> <li>Assess oneself and determine whether if you have the traits and skills of a good web developer.</li> </ul>                               | <ul style="list-style-type: none"> <li>Competence</li> <li>Independence</li> <li>Individuality</li> <li>Productivity</li> </ul>                        |