

**Instructor: Kim Jones**

**Course/Area: Web Site Design I/GRHS Business & Technology Department**

**Grades:9-12**

<b>Content/Topics</b>	<b>Standard</b>	<b>Skills/Benchmarks</b>	<b>Assessment/Products</b>	<b>Time</b>
<b>Chapter 1 Introducing Networks and the Internet</b>	Students will be able to identify a computer network, the Internet, and Internet services. They will also know what Internet privacy issues are.	<ul style="list-style-type: none"><li>•Explain what a network is and describe the benefits of using one</li><li>•Define network architecture</li><li>•Identify the differences in network topologies</li><li>•Distinguish between different types of transmission media</li><li>•Understand network protocols</li><li>•Apply netiquette rules when using a network</li><li>•Summarize how the Internet works and explain how to access the Internet</li><li>•Identify various Internet services</li><li>•Describe cookie files and web bugs</li><li>•Analyze Internet privacy issues</li></ul>	<ul style="list-style-type: none"><li>•Worksheet on vocabulary and review questions</li></ul>	2 days
<b>Chapter 2 Introducing the World Wide Web and Internet Explorer</b>	Students will be able to identify the World Wide Web, Internet Explorer, and Outlook Express	<ul style="list-style-type: none"><li>•Define World Wide Web, web sites, and posting</li><li>•Describe several categories of web sites and the purpose of each</li><li>•Explain what a banner ad is and why web sites host them</li><li>•Recognize an HTML document and explain how a web browser interprets HTML</li><li>•Describe each part of an URL</li><li>•Use Internet Explorer</li><li>•Use the History list and Favorites list in Explorer</li><li>•Use the Print preview function and print a web page</li><li>•Use search engines and subject trees</li><li>•Apply advanced search techniques</li><li>•Evaluate and cite web sites</li><li>•Describe how copyright applies to material on the Internet</li><li>•Use Outlook Express and apply e-mail etiquette</li></ul>	<ul style="list-style-type: none"><li>•Chapter Practice Exercises on Internet activities</li><li>•Worksheet on vocabulary and review questions</li></ul>	2 days

**Chapter 3**  
**Introducing HTML**

Students will be able to create an HTML document using the tag elements in the proper sequential order. They will be able to view any HTML documents created in a browser.

- Identify the parts of an HTML document
- View the HTML associated with a web page
- Create an HTML document using Notepad
- View HTML documents in a web browser
- Refresh the web browser display
- Distinguish between the break tag and the paragraph tag
- Use attributes in tags
- Create headings and horizontal rules
- Use comments to clarify HTML for a reader

- Chapter Practice Exercises on HTML activities (Computer Viruses)
- End of chapter exercises on HTML School Information
- School Sports
- Favorite Movie
- Other exercises
- Marquee fun
- Personal Web
- Alligators
- Linking exercise
- Create their own favorites web site

3 weeks

**Chapter 4**  
**Introducing FrontPage**

Students will be able to create a web page using FrontPage. By using the proper tools and technical skills, they will be able to insert an image, create hyperlinks and bookmarks, and print a completed web page.

- Create web pages using FrontPage
- Identify web page elements
- View all characters
- Save a web page and change the page title
- Distinguish and switch between the different page views
- View HTML tags in Normal Page view
- Correct a misspelled word
- Open, print, and close a web page
- Quit FrontPage
- Insert an image
- Create a hyperlink to a bookmark
- Bookmark a location on a web page

- Chapter Practice Exercises on My Hello World web page
- End of chapter exercises
- Clouds web page
- Monet web page
- Quotations web page
- Sharks web page
- Butterflies web page
- Zodiac web page

1 week

