SENECA HIGH SCHOOL Web Design	CURRICULUM MAP		BUSINESS/COMPUTER EDUCATION Reagan Anderson
UNIT 1	**ESSENTIAL QUESTION**	**CONTENT**	**LEARNING TARGETS**
*Fundamentals of Web Design (Chapters 1, 2, 3, 4) *Introduction to SOCs *Maintenance of school Web site (6 weeks)	* How does technology affect society, business and communication? *What are the safe and legal responsibilities of being a good digital citizen? *What makes a Web site good? * What are the technologies used to create websites? * How does HTML differ from Dreamweaver?	Textbook/Workbook: Introduction to Web Design using Dreamweaver Web: Seneca Township High School Web Site Software: *Adobe Dreamweaver *SOCs	*Understand the history of the Internet and World Wide Web. *Understand the role of Internet technologies in society, business and communication. * Demonstrate proficient use of computers that supports learning and productivity. * Demonstrate and practice safe, legal and responsible use of information and technology.

FORMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT	CONTENT VOCABULARY	ACADEMIC VOCABULARY
* Analyze Websites * File Management *End of chapter problems/questions *Concept Activities * Student creation and presentation of Web site analysis. (One good, one bad) *Student creation of personal Web site *Cornfest/Halloween Web Site *Student maintenance of school Web Site	*Chapters 1 and 2 Quiz *Chapters 3 and 4 Quiz *Unit 1 Exam	Internet World wide web Web browser Web site Web page Home page Multimedia Hyperlink Interaction design Information design Presentation design Files panel Properties inspector Hardware Input device	Border Attribute Text Graphics Files Copyright Trademark Ordered list Unordered list Format Font Color palette Keyword

		Output device
		Software
		Operating system
		GUI
		Application software
		Network
		Local area network
		Wide area network
		Server
		Clients
		Folder
		Subfolder
		Root folder
		Subpages
		  Internet service provider
		  Protocol
		  TCP/IP
		  HTTP
		  Intranet
		  Extranet
		  URL
		  Domain name
		  Search engine
		  Boolean search
		  Text editor
		  External hyperlink
		  Netiquette
		Commercial software
		  Shareware
		  freeware
		  HTML
		  HTML tags
		  Ending tag
		  File name extension
		  Graphic link	

STANDARDS	CCSSELA	CCSSM	NBEA
	NCTE 4—Use written language to communicate effectively NCTE 5—Use different writing process elements to communicate effectively NCTE 6—Apply knowledge of language structure and conventions to discuss text NCTE 7—Conduct research and gather, evaluate, and synthesize data to communicate discoveries NCTE 8—Use information resources to gather information and create and communicate knowledge NCTE 12—Use language to accomplish individual purposes		I.A.2 I.B.5 I.C.4 II.A.13 II.A.14

SENECA HIGH SCHOOL Web Design	CURRICULUM MAP		BUSINESS/COMPUTER EDUCATION Reagan Anderson
UNIT 2	**ESSENTIAL QUESTION**	**CONTENT**	**LEARNING TARGETS**
*Designing Web Sites (Chapters 5, 6, 7) *Maintenance of school Web site (6 weeks)	* What are the steps in the Web design process and what are the different site structures? *How does effective page layout and consistent navigation lead to usability? * How do you manage and name files in Web Design? * How do you use Adobe Dreamweaver to create a Web site?	Textbook/Workbook: Introduction to Web Design using Dreamweaver Web: Seneca Township High School Web Site Software: *Adobe Dreamweaver *SOCs	*Analyze the different types of web site structures. *Demonstrate the ability to create flow charts, storyboards *Apply the website design process *Apply proper management and naming conventions of files *Create a basic Web site

FORMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT	CONTENT VOCABULARY	ACADEMIC VOCABULARY
* Successful completion of storyboards *File management using proper naming conventions *End of chapter problems/questions *End of chapter/unit projects *Student creation of Web sites *Graphics Collection *Student maintenance of school Web Site	Unit Exam	navigation scheme parent-child relationship peer-to-peer relationship story board page title file name Pixel Screen resolution Title graphic Columns Rows Cells Navigation button Rollover button Footer Page headers Color scheme Web-safe colors Typography Formatting Font Pixel Table	Mission statement Alignment Target audience Content White space Proximity Template Logo Consistency Repetition

STANDARDS	CCSSELA	CCSSM	NBEA
	Reading in Science and Technical Subjects 9-10.1, 4, 5 Writing in History, SS, Science, and Technical Subjects 9-10.2, 9		I.A.2 I.B.5 I.C.4 II.A.13 II.A.14

SENECA HIGH SCHOOL Web Design		CURRICULUM MAP	BUSINESS/COMPUTER EDUCATION Reagan Anderson
UNIT 3	**ESSENTIAL QUESTION**	**CONTENT**	**LEARNING TARGETS**
*Enhancing a Web Site (Chapters 8, 9, 10) *Maintenance of school Web site (6 weeks)	*How does graphic design affect website design? *How do you use Adobe Fireworks to create web graphics? *What are the guidelines for using audio, video, and animation effectively in a Web site? *How does interactivity make Web pages different from other sources of information?	Textbook/Workbook: * Introduction to Web Design using Dreamweaver Web: Seneca Township High School Web Site Software: Adobe Dreamweaver, Adobe Fireworks	*Analyze the elements of sound graphic design *Demonstrate understanding and knowledge of the Fireworks Interface *Acquire the tools necessary to create graphics for Web sites *Add video and audio to a Web site *Add animation to a Web site *Add an interactive, online form to a Web site

FORMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT	CONTENT VOCABULARY	ACADEMIC VOCABULARY
*Successful creation of Web site that includes graphics, audio, video, animation, and form *Happy Holidays Web Site *Business Web Site—Partner work *End of chapter problems/questions *End of chapter/unit projects	Unit Exam	Raster graphic Vector graphic GIF JPEG BMP PNG Cropping Resizing	Label Field Form Layer Video Audio Multimedia Animation

*Student maintenance of school Web Site		Resampling Image map Hotspot Thumbnail Script Interactivity Rollover button Banner ad Jump menu	

STANDARDS	CCSSELA	CCSSM	NBEA
	Reading in Science and Technical Subjects 9-10.1, 4, 5 Writing in History, SS, Science, and Technical Subjects 9-10.2, 9		I.A.2 I.B.5 I.C.4 II.A.13 II.A.14

SENECA HIGH SCHOOL		CURRICULUM MAP	BUSINESS/COMPUTER EDUCATION
Web Design			
UNIT 4	**ESSENTIAL QUESTION**	**CONTENT**	**LEARNING TARGETS**
The Web Site Development Process Chapters 11-15 (4 weeks)	* What communication skills are needed to create and implement a client's website? * What are the challenges of working with a client and how does one produce a final Website that creates a satisfied client? * What are the project management skills required to develop a website for a client?	Textbook: Introduction to Web Design using Dreamweaver Web: Seneca Township High School Web Site Software: Adobe Dreamweaver, Adobe Fireworks	* Understand the client's needs and requirements *Define a design and plan for the client's website project *Define technical requirements for the client's website *Gather content from the client for their website *Work collaboratively with the client to build their website *Revise the site based on the Client's feedback

	* How does one create a client website development and production plan? *How does one identify the client's goals, design and technical requirements and main content? *What are the Web site testing procedures?			

FORMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT	CONTENT VOCABULARY	ACADEMIC VOCABULARY
*Successful creation of Client Web site that includes graphics, audio, video, animation, and form *End of chapter problems/questions *End of chapter/unit projects *Student maintenance of school Web Site	Unit Exam	Source control Remote server e-commerce business-to-business business-to consumer CSS Internal style sheet External style sheet Feedback form Text area Radio button Check box Cookie Data encryption Accessibility	Client Client liaison representative Project manager Milestone Scope Target market Budget Privacy Privacy policy Security Table of contents Frequently asked questions Newsletter Blog Bulletin board

		Accessibility standards Alternative text Hit counter Tracking software Database Record Site map Search capabilities Named anchor Frame Frameset Web server Web host Host FTP	Guest book Publish Case sensitive Download Upload Publicize Spam Backup File management password

STANDARDS	CCSSELA	CCSSM	NBEA
	Reading in Science and Technical Subjects 9-10.1, 4, 5 Writing in History, SS, Science, and Technical Subjects 9-10.2, 9		I.A.2 I.B.5 I.C.4 II.A.13 II.A.14

SENECA HIGH SCHOOL		CURRICULUM MAP	BUSINESS/COMPUTER EDUCATION
Web Design			
UNIT 5	ESSENTIAL QUESTION	CONTENT	LEARNING TARGETS
Advanced HTML Chapters 16-17 (2 weeks)	* Why is understanding advanced HTML important?	Textbook: Introduction to Web Design using Dreamweaver Web: Seneca Township High School Web Site	* Create and format a basic table using HTML * Create and format a frames-based Web page using HTML * Create and format a form using HTML

		Software: Adobe Dreamweaver, Adobe Fireworks		

FORMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT	CONTENT VOCABULARY	ACADEMIC VOCABULARY
*Successful creation of Client Web site that includes graphics, audio, video, animation, form, CSS *End of chapter problems/questions *End of chapter/unit projects *Student maintenance of school Web Site	Unit Exam	Cell spacing Cell padding Header row Header column Frame Container page Left-hand navigation Content page Top navigation Selector Class selector ID selector Animated GIF Client-side script Event handler Conditional statements Server-side script	Radio button Pull-down menu Text area Object Event Variables Function

STANDARDS	CCSSELA	CCSSM	NBEA
	Reading in Science and Technical Subjects 9-10.1, 4, 5 Writing in History, SS, Science, and Technical Subjects 9-10.2, 9		I.A.2 I.B.5 I.C.4 II.A.13 II.A.14