Web and Digital Media

Course Overview: Encompass entry level, technical, and professional careers related to the design, development and support of hardware, software, multimedia, and systems integration services.

Career Goal (O*NET Code): **Web Developer** (15-1099), Webmaster (15-1099), Web Administrators (15-1099), Web Programmer (15-1021).

Student Name:_____

Grade: _____

School: _____

SUGGESTED COURSEWORK

Middle School	**8th**	**HS Courses:**	
High School	**9th**	**Core Courses:**	English I World Geography Professional Communications Algebra I Physical Education Biology Languages other than English I
		Career-Related Electives:	Principles of Information Technology or Art 1
	10th	**Core Courses:**	English II World History Geometry Languages other than English II Chemistry
		Career-Related Electives:	Digital and Interactive Multimedia or Graphic Design or Introduction to Radio, TV, and Film
	11th	**Core Courses:**	English III United States History Algebra II Physics
		Career-Related Electives:	Web Technologies or Radio, TV, and Film I or Animation or Career Preparation I
	12th	**Core Courses:**	English IV Government/Economics Precalculus Fine Arts Engineering Design and Problem Solving
		Career-Related Electives:	Radio, TV, and Film II or Advanced Animation or Career Preparation II

EXTENDED LEARNING EXPERIENCES

Curricular Experiences:
Business Professionals of America
Future Business Leaders of America
SkillsUSA
Technology Student Association

Career Learning Experiences:
Apprenticeship
Career Preparation
Internship
Job Shadowing

Extracurricular Experiences:
Computer Tutor
Language Immersion Programs
Literary Magazine
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Service Learning Experiences:
Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of the USA
Peer Mentoring / Peer Tutoring

COLLEGE CREDIT OPPORTUNITIES -- High School

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses (Tech Prep), if possible. List those courses that count for college credit on your campus.

Postsecondary

On-the-Job Training	Web Page Designer Media Aide NOTE: These experiences may be started and/or completed as part of the high school experience.		
Certificates	A+ Internet and Computing Core OSHA CareerSafe Adobe Expert Internet Webmaster Associate Sun JAVA Associate Adobe PageMaker 7.0 Network+ Sun JAVA Programmer NOTE: Students may earn all or part of these certificates as part of the high school experience.	*Career Options:* Applications Specialist Document Specialist	
Associate Degrees	Computer Animation Film/Video & Photographic Arts Radio and TV Broadcasting Communication Technologies Media Technology Web Design/Development	*Career Options:* Web Content Coordinator Visual Information Operator Audio Technician Motion Media Crew Assistant Video Documenter	
Bachelor Degrees	Communications Computer Science Radio, Television and Film Communication Broadcasting Mass Communications - Electronic Telecommunications Communications - Corporate Media Professional Writing	*Career Options:* Interface Developer Medical News Producer Multimedia Specialist Film and Video Editor Web Content Editor	
Graduate Degrees	Business Broadcasting Network Communications Telecommunications Film and Television Production Technology Project Management Theater Management	*Career Options:* Communications Engineer Technical Director Communications Manager Media Producer Radio/TV Engineer	

Professional Associations:
Association of Graphic Solutions Providers
Broadcast Education Association
IEEE Computer Society
International Publishing Management Association
International Radio and Television Society
Junior Chamber of Commerce
Society of Broadcast Engineers, Inc.
Xplor International