



## Web and Digital Media: Web Developer, Multimedia Artist, Graphic Designer and Animator

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

**Student Name** \_\_\_\_\_

Entered 9th grade: 20\_\_\_\_ - 20\_\_\_\_

**ID** \_\_\_\_\_ **Grade:** 9 10 11 12

**Diploma Plan:** RHSP DAP\* MHSP TEXAS SCHOLAR

*Note 1: Health and technology Applications locally required Note 2: Entered 9th grade in 2010 - 2011 and thereafter must include Fine Arts*

### SUGGESTED COURSEWORK

### EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:				
High School	9th	<b>Core Courses:</b>	English I / PAP Algebra I / Geometry / PAP Biology / PAP	World Geography / PAP Spanish I P. E.		*Fine Arts / Tech App (BIM)
		<b>Career-Related Electives:</b>	Principles of Information Technology or Art I* (BIM)			
	10th	<b>Core Courses:</b>	English II / PAP Geometry / Algebra II / PAP Chemistry / PAP IPC	World History / PAP Spanish II (BIM)Tech App / Fine Arts	Elective:	
		<b>Career-Related Electives:</b>	Digital and Interactive Multimedia/ Principles of Business Marketing and Finance or/ Money Matters or Web Technologies or Animation			
	11th	<b>Core Courses:</b>	English III / AP Algebra II* / MMA / Pre-Cal / PAP / DC Physics* PTI Chemistry / PAP	United States History / AP / DC Professional Communications / Comm Appl / Health Spanish III / DC		
		<b>Career-Related Electives:</b>	Web Technologies or Animation or Advanced Animation or Digital and Interactive Multimedia/ Principles of Business or/ Money Matters			
	12th	<b>Core Courses:</b>	English IV / AP / DC Math IV / Pre-Cal / PAP Calculus AP / Math DC	Algebra II / Adv Physics / PTI Government / AP / DC Economics / AP / DC	Fourth Science: Electives:	
		<b>Career-Related Electives:</b>	Research in Information Technology Solutions x 2 or Advanced Animation Web Technologies or Animation or Advanced Animation or Digital and Interactive Multimedia/ Principles of Business or/ Money Matters			
On-the-Job Training		Web Page Designer	Media Aide	Multimedia Writer Intern		
		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 Adobe PageMaker 7.0	Internet Webmaster Associate Network+	Sun JAVA Associate Sun JAVA Programmer			
		NOTE: Students may earn all or part of these certificates as part of the high school experience.				
Postsecondary	Associate Degrees	<a href="#">Computer Animation</a> <a href="#">Communication Technologies</a>	<a href="#">Film/Video &amp; Photographic Arts</a> <a href="#">Media Technology</a>	<a href="#">Radio and TV Broadcasting</a> <a href="#">Web Design/Development</a>		
	Bachelor Degrees	Communications Communication Broadcasting Communications - Corporate	Computer Science Mass Communications - Electronic Media	Radio, Television and Film Telecommunications Professional Writing		
	Graduate Degrees	Business Broadcasting Film and Television Production	Network Communications Technology Project Management	Telecommunications Theater Management		
						<p><b>Curricular Experiences:</b>  <a href="#">Business Professionals of America</a>  <a href="#">Future Business Leaders of America</a>  <a href="#">SkillsUSA</a>  <a href="#">Technology Student Association</a></p> <p><b>Career Learning Experiences:</b>                      Apprenticeship                      Career Preparation                      Internship                      Job Shadowing</p> <p><b>Extracurricular Experiences:</b>                      Computer Tutor                      Language Immersion Programs                      Literary Magazine                      School Newspaper                      Student Government                      UIL Academic Competitions                      Yearbook</p> <p><b>Service Learning Experiences:</b>                      Boy Scouts of America                      Campus Service Organizations                      Community Service Volunteer                      Girl Scouts of the USA                      Peer Mentoring / Peer Tutoring</p>
						<p><b>COLLEGE CREDIT OPPORTUNITIES -- High School</b></p> <p>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.</p>

Students may select other elective courses for personal enrichment purposes.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2010. All plans meet high school graduation requirements as well as college entrance requirements.