



Interactive Media

Career Goal (O*NET Code): Multimedia Producer (27-2012), Web Pagemaker (15-1031), Multimedia Author (27-3042), Graphics Designer (27-1024).

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

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

High School	9th	Core Courses	English I Algebra I Biology	World Geography Languages other than English I Health/PE or Equivalent	Curricular Experiences: Business Professionals of America Future Business Leaders of America SkillsUSA Texas Technology Student Association Career Learning Experiences: Career Preparation (Paid/Unpaid) Job Shadowing Internship	Extracurricular Experiences: Literary Magazine UIL Yearbook School Newspaper Campus Service Organizations Service Learning Experiences: Boy Scouts of America Community Service Volunteer Girl Scouts of the USA
		Career-Related Electives	Introduction to Information Technology or Introduction to Media Technology or Introduction to Graphic Communication Careers or Introduction to Desktop Publishing			
	10th	Core Courses	English II Geometry Chemistry	World History Languages other than English II Technology Applications		
		Career-Related Electives	Business Image Management and Multimedia** or Web Mastering** or Journalism			
	11th	Core Courses	English III Mathematical Models Principles of Technology I	United States History Communication Applications PE or Equivalent		
		Career-Related Electives	Desktop Publishing** or Media Technology I*			
	12th	Core Courses	English IV Algebra II Principles of Technology II	Government/Economics Fine Arts		
		Career-Related Electives	Business Communications or Computer Multimedia/Animation Technology**or Media Technology II or related Career Preparation program* or Independent Study			
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	Professional Associations: Broadcast Education Association Graphic Arts Technical Foundation IEEE Computer Society International Publishing Management Association Junior Chamber of Commerce National Association for Printing Leadership Printing Industries of America Professional Photographers of America Society of Broadcast Engineers, Inc. Xplor International	
	Certificates	A+ Adobe Certified Expert (ACE) I-Net+	Internet and Computing Core Certification (IC3) Network + OSHA CareerSafe	NOTE: Students may earn all or part of these certifications as part of the high school experience.		
	Associate's Degrees	15 hours Core Curriculum Introduction to Computers (ITSC 1X01) Introduction to Multimedia (IMED 1X01) Introduction to PC Operating Systems (ITSC 1X05) Design I (ARTS 1X11) Introduction to Computer Programming (ITSE 1X02) Web Page Design I (IMED 1X16) Interface Design (IMED 1X41) Introduction to Database (ITSW 1X07) Multimedia Courseware I (IMED 1X05) Interactive Media (IMED 1X45) Visual Basic Programming (ITSE 1X32) Intermediate Web Programming (ITSE 2X02)	Visual Basic Programming (ITSE 1X32) Intermediate Web Programming (ITSE 2X02) Internet Communications (IMED 2X49) Interactive Web Elements (IMED 2X59) Multimedia Courseware II (IMED 2X05) Multimedia Programming (IMED 2X51) Systems Analysis (ITSE 1X50) Portfolio Development (IMED 2X11) Internship (ITSE 2X86)	Career Options: Web Content Coordinator Camera Operator Visual Information Operator Motion Media Crew Assistant Video Documenter Licenses, Credentials & Certifications: Project Management Certificate Industry software- Demonstrated proficiency Portfolio Team Projects		
Bachelor's Degrees	Applied Design and Visual Arts Art - Advertising and Graphic Design Communication - Broadcasting Communications - Corporate/Organizational	Communications - Media Production Computer Science Graphic Design Mass Communications - Electronic Media Media Art	Professional Writing Studio Art - Digital Media Telecommunications Visual Art Studies	Career Options: Interface Developer Application Developer Technical Writer Graphic Designer/Illustrator Sound Engineer Technician Medical News Producer Film and Video Editor Mathematical Technician Print Shop Owner		
Graduate Degrees	Business Broadcasting Communication Design English Creative Writing and Literature	Film and Television Production Theater Arts - Theatre Management Theater - Technical Theatre	Technical Communication Writing for Film and Television	Career Options: Web Content Editor Art Director Advertising Director Software Developer Media Producer Freelance Photographer		

*May substitute for the required credit for Physical Education
 **Satisfies the required credit for Technology Applications
 ***May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

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 2007.
 All plans should meet high school graduation requirements as well as college entrance requirements.
 Students may select other elective courses for personal enrichment purposes.