



Commonwealth of Virginia Plan of Study

Student Name: _____

School: _____

Date: _____

Cluster: Information Technology Pathway: Interactive Media

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide www.doe.virginia.gov/VDOE/ Instruction/CTE/apg/	SAMPLE – Occupations Relating to This Pathway: www.doe.virginia.gov/VDOE/ Instruction/CTE/career clusters/ www.careerclusters.org www.cteresource.org/cpg/	
Graduation Requirements: http://www.doe.virginia.gov/2plus4in2004/index.shtml									
MIDDLE	7	English	Math 7/3111	4115/Life Science	Social Studies 7/2355	Health & PE	Elective/Keyboarding 6150 9 Wks	<ul style="list-style-type: none"> - Animator - Digital Media Designer - Graphic Designer - Instructional Technologist - Media Specialist - Multimedia Author - Multimedia Developer - Multimedia Specialist - Producer - Production Assistant - Streaming Media Specialist - Virtual Reality Specialist - Web Administrator - Web Architect/Designer - Web Designer - Web Developer - Web Producer - Webmaster 	
	8	English	Math 8/3112	4125/Physical Science 8	Social Studies 8/2220 Civics & Economics	Health & PE	Elective/Digital Input Technologies 6160/ Computer Applications 6617		
Career Assessment: Administration of a career assessment instrument is appropriate at the middle school level to help students and their parents plan for high school (Virginia's Career Planning System or other assessment product).									
SECONDARY	9	English	Algebra I	Earth Sciences	World History/ Geography	Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE): BUS 6320 Accounting/ACC 115; BUS 6612 CIS/ITE/115 & ITD 110	6612 Computer Info Systems/ITE 115 Info to Computer Applications & Concepts		
	10	English	Geometry	Biology	World History/ Geography		Elective from Career Pathway		
	11	English	Algebra II	Chemistry	US/VA History		6630 Design Multi-Media & Web Technologies/ ITD 110/Web Design I (DE)		
	12	English 12/Eng 111/112 (DE)	Trigonometry/ Advanced Algebra	Physics (or Principles of Technology I and II)	US/VA Government		6631 Advanced Design Multi-Media & Web Technologies/ ITD 210 Web Design II (DE)		
High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)									
List related certifications/credentials approved by VDOE and offered locally: http://www.doe.virginia.gov/VDOE/Instruction/CTE/apg/ (Go to Section 9.) Adobe Certified Expert (ACE) Certified Internet Webmaster Associate Brainbench Web Design and Development Certifications Macromedia Certified Professional Web Design Examination (Cisco Systems)						Additional Learning Opportunities: CTSO Organization(s): <input type="checkbox"/> DECA <input checked="" type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> FEA <input type="checkbox"/> HOSA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> TSA			
Work-Based Learning: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship									
Postsecondary: Placement Assessments such as COMPASS & SAT II						College Entrance Exams such as ACT & SAT			
POSTSECONDARY	SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)								
	Pathway		Information Systems Technology AAS (JSRCC)			Bachelors Degree		Postgraduate Degree	
	Interactive Media/Web Design		Information Systems Technology AAS (JSRCC)						

College: [J. Sargeant Reynolds Community College](#)

School Division(s): _____

Postsecondary: Placement Assessments such as COMPASS & SAT II

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally	Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives			
	POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.								
	Year 1 1 st Semester	Eng 111 College Composition I (DE)	MTH 120 Intro to Mathematics	SDV 100 College Success Skills	ACC 115 Applied Accounting I (DE)	ITE 100 Intro to Info Systems	ITN 100 Telecommunications	115 Info to Computer Applications & Concepts/6612 Computer Info Systems (AST 114) (DE)	
	Year 1 2 nd Semester	Eng 112 College Composition II	BUS 125 Applied Business Mathematics	ITD 110/Web Design I/6630 Design Multimedia & Web Tech Prog (DE)	ITD 130 /Database Fundamentals (DE)	ITP 120 Java Programming I			
	Year 2 1 st Semester	AST 205 Business Communications	BUS 220 Applied Business Statistics	ECO 120 Survey of Economics	ITE 221 PC Hardware & OS Architecture	ITD 210 Web Design III/6631 Advanced Design Multi-Media & Web Technologies (DE)			
Year 2 2 nd Semester	Hmanities/Fine Arts Elective	Personal Wellness Elective	ITP 251 System Analysis & Design	Approved IT Elective	IT 298 Seminar & Project: Capstone Course				
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)									

Related Industry Certifications Available:

Additional Suggested Learning Opportunities:

Work-Based Learning:

Cooperative Education
 Internship
 Mentorship
 Job Shadowing
 Service Learning Project
 Registered Apprenticeship

UNIVERSITY

University/College:
 Degree or Major:
 Number of Articulated CC Credits:

Notes: