



Henry County Schools Plan of Study

Student Name: _____ (For Local Use Only)
School: _____
Date: _____

Cluster: Information Technology Pathway: Interactive Media

This Career Pathway Plan of Study (based on the Interactive Media Pathway of the Information Technology Career Cluster) 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/careerclusters/ www.careerclusters.org www.cteresource.org/cpg/	
Graduation Requirements: http://www.doe.virginia.gov/2plus4in2004/index.shtml									
MIDDLE	7						NOTE: Use state course titles Keyboarding	- 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						Digital Input Technologies Computer Applications		
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):	IT Fundamentals		
	10	English	Geometry	Biology/DE Biology	World History/ Geography		Computer Information Systems		
	11	English	Algebra II	Chemistry/AP Chemistry	US/VA History		Design Multi-Media & Web Technologies		
	12	English	Trigonometry/ Advanced Algebra	Physics/AP Environmental Science	US/VA Government				
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: https://doe.virginia.gov/instruction/career_technical/index.shtml Certified Internet Webmaster Associate Brainbench Web Design and Development Certifications						Additional Learning Opportunities: CTSO Organization(s): ☐ DECA ☒ FBLA ☐ FCCLA ☐ FFA ☐ FEA ☐ HOSA ☐ SkillsUSA ☐ TSA Work-Based Learning: ☐ Career Research ☒ Cooperative Education ☐ Internship ☒ Mentorship ☐ Job Shadowing ☐ Service Learning Project ☐ 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	Associate Degree, College Certificate, or Apprenticeship			Bachelors Degree		Postgraduate Degree		
	Interactive Media	Information Systems Technology AAS (PHCC)			Information Science & Systems BS (Radford University)				

College: _PHCC_____

School Division(s): _Henry County Schools_____

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	College Composition I (ENG 111)	Mathematics for the Liberal Arts (MTH 151)	Intro to Computing (CSC 110)	Intro to Computer App & Concepts (ITE115)	College Survival Skills (SDV 108)	Orientation to Information Systems (SDV 101)	
	Year 1 2 nd Semester	College Composition II (ENG 112)	Intro to Internet Services (ITE130)	Spreadsheet Software (ITE 140)	Microcomputer Operating Systems (106)	Multimedia Software (ITE 170)	Intro to Speech Communications (SPD 110)	
	Year 2 1 st Semester	Wellness Elective	Webpage Design I (ITD 110)	Desktop Database Software (ITE 150)	Social Science Elective	Introduction to Network Concepts (ITN 101)	Customer Service Management (MKT 260)	
Year 2 2 nd Semester	Designing Webpage graphics (ITD 112)	Visual Basic Programming (ITP 110)	Personal Comp. Hardware & Troubleshooting (ITN 107)	Intro to Game Design & Dev. (ITP 160)	Supervised Study in IST (ITE 299)	Coordinated Internship (ITE 290)		
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: Radford University Degree or Major: Information Science and Systems BS Number of Articulated CC Credits:							
Notes:								