

## **Cumberland High School CTE Pathways Plan of Study Document**

Career Pathways Pathway Plan for					YOG	Counselor:		
CTE Information Technology Program								
	Grade	English Required: 4 Credits	Math Required: 4 Credits (Algebra I, II & Geometry req'd)	Science Required: Principles of Physics, Chemistry, Biology	Social Studies Required: US History, Global Studies, Civics, 1.0 Elective	Scheduling Notes 7.0 Credits req'd each year Remaining credits will be PE & Electives		
		*	Interest inventory administe	ered and plan of study initiate	d before end of 9th grade year			
r IS	9	Intro to English Studies I	1.0 Math:	Principles of Physics	US History			
GRADUATION REQUIREMENTS	10	Introduction to English Studies II	1.0 Math:	Chemistry	Global Studies & Civics (0.5)			
	11	1.0 ELA Credit	1.0 Math:	Biology	1.0 SS elective credit			
	12	1.0 ELA Credit	1.0 Math:					
		Path	way Plan of Study (CTE	Courses, Credentials/Certifi	ications, Work-Based Learnin	ng)		
	Grade	Career-Related Coursework	Recommended Courses	Work-Based Learning Experiences	Certifications/ Credentials	Sample Occupations Related to Pathway		
CAREER- RELATED EXPERIENCES	9		<ul><li>Computer Engineering (0.5)</li><li>Game Design (0.5)</li></ul>			<ul> <li>Software Developer</li> <li>Software Engineer</li> <li>Video Game Developer</li> <li>Application Developer</li> <li>Computer Programmer</li> <li>Mobile Developer</li> <li>Software Architect</li> <li>Product Manager</li> <li>Back-end Developer</li> </ul>		
	10	Intro to Computing Concepts		Embedded Course     Experiences	4 URI Concurrent Enrollment Credits			
	11	AP Computer Science Principles	Networking &     Cybersecurity	15 Hours Service Learning (in field of study)	4 URI Concurrent Enrollment Credits			
	12	AP Computer Science     A     Design & Development     for IT		Capstone Project	NOCTI: Computer Programming     4 URI Concurrent Enrollment Credits			



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Scheduling Reminders	Other Program Reminders					
<ul> <li>★ All plans of study need to meet learner's career goals and pathway requirements.</li> <li>★ All course selections should meet required annual credit maximum (7.0 credits).</li> <li>★ All course requests are utilized to build the master schedule for the following school year.</li> <li>★ Please be sure to select the appropriate courses at the time of registration.</li> <li>★ Participation in SkillsUSA and appropriate work-based learning activities to support and reinforce classroom and laboratory learning is recommended for all students.</li> </ul>	<ul> <li>★ Job Shadows recommended in grades 9-10</li> <li>★ 15 hours Service Learning completed in chosen field of study</li> <li>★ Track completion of WBL hours</li> <li>★ All tracking documents and guidance available in CTE Guidebook (on Google Classrooms and cte.cumberlandschools.com)</li> </ul>					
Coordo Classaras W Codes						

## **Google Classroom Codes**

- ★ All Program Classroom Codes:
  - Health Science Programs: PLTW Biomedical Science, EMT, CNA: rnfsitz
  - o Business Management & Finance: onprxhw
  - o Computer Science Programs: Cybersecurity, Information Technology: j34vq2t
  - Law & Public Safety: hzkbrn7
  - Engineering Programs: Environmental Science & Renewable Energy, Pre-Engineering: xuj4vzp
  - o **Digital Communication & Marketing:** gdy3gyn
  - o All LEA Pathways: Computer Engineer, Education & Human Development, Engineering Technician, Performing Arts, Sports Medicine, Visual Arts: OXSX2j5V