

Information Technology Cluster Sample Education Plan

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL COURSES
9 TH GRADE	English 9	Algebra I	Physical Science	World History to the Present	<ul style="list-style-type: none"> • Physical Education -1 • Health – ½ • Fine Arts – ½ • Computer Application – ½ • Foreign Language I • Foreign Language II 	<ul style="list-style-type: none"> • Business Technology Applications • Information Technology Fundamentals • Database Design I • Database Design II • Database Design III • Software Development • Java Programming • Information Technology Support and Services • Multimedia Publications • Networking I • Networking II • Networking III • Networking IV • Computer Management and Support
10 TH GRADE	English 10	Geometry	Biology	United States History to 1877		
11 TH GRADE	English 11	Algebra II with Trig	Chemistry	United States History from 1877 to the Present		
12 TH GRADE	English 12	Pre-Calculus	Physics	Economics/ United States Government		
COMMUNITY COLLEGE	• Cluster/Degree/Certification Course Work		• Cluster/Degree/Certification Course Work		• Cluster/Degree/Certification Course Work	
	• Degree completion requirements		• Degree completion requirements		• Degree completion requirements	
HIGHER EDUCATION	• Degree completion requirements		• Degree completion requirements		• Degree completion requirements	