



Name _____
 Learner ID _____
 School/College/University _____

Career Pathway: Information Technology

This Pathway can serve as a guide, along with other career planning materials. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This should be customized with course titles and appropriate district and high school graduation requirements and course options. Refer to the latest version of the approved courses for the secondary schools of Mississippi at the MDE's Web site.

LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Electives	Pathway Suggested Related Electives	
<i>Interest Inventory Administered and Pathway Selected for all Learners</i>							CTE	Other Secondary Electives
SECONDARY	7	Seventh Grade Language Arts	Seventh Grade Math or Pre-Algebra	Seventh Grade Science	Seventh Grade (Eastern Hemisphere Studies to 1750)	Information and Communication Technology I	Information Technology Associate I (2)* Information Technology Associate II (2)* Information Technology Fundamentals I (1)* Information Technology Fundamentals II (1)* Information Technology Networking I (1)* Information Technology Networking II (1)* Career Pathways Experience (.5,1,2) Entrepreneurship (1)	Oral Communications (1) Personal Finance (.5) STEM (1) Resource Management (.5) Foreign Language Visual Art I (1) JROTC (1)
	8	Eighth Grade Language Arts	Pre-Algebra or Algebra I	Eighth Grade Science	Eighth Grade (United States History to 1877)	Information and Communication Technology II		
	9	English I or Accelerated English	Algebra I or Geometry	Physics or Biology I	Geography (1/2) & MS Studies (1/2)	Contemporary Health (1/2) Business & Technology (1) Art		
	10	English II or Accelerated	Geometry or	Biology I or	World History	Physical Education		
	11	English III	Trigonometry, Pre-Calculus, or Algebra II	Chemistry or Physics	U.S. History			
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>							
	12	English IV or AP English (offered in a dual credit environment)	Trigonometry, Pre-Calculus, Statistics, or AP Calculus	Physics or science course	U.S. Government (1/2) & Economics (1/2)		* The courses in this pathway may be taken in two 2-credit courses or four 1-credit courses as shown above.	
<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>								
POSTSECONDARY	Year 13	English Composition English Literature	Algebra or Calculus	Lab Science	Economics Psychology	All pathways need to meet learners' career goals with regard to required degrees, licenses, or certifications. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.	
	Year 14	Speech/ Oral Communication Technical Writing	Business Accounting, Pre-Calculus, or Calculus		<i>Dependent on chosen major</i>			
	Year 15	Continue courses in the area of specialization.						
	Year 16	Continue courses in the area of specialization.						
							NOTE: To view postsecondary CTE articulation: www.sbcjc.cc.ms.us/pdfs/ct/StatewideArtManual2010.pdf	