



Name _____

Learner ID _____

School/College/University _____

Career Pathway: Energy 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	Energy Technician I (2)* Energy Technician II (2)* Energy Foundations I (1) Energy Foundations II (1) Energy Alternative Forms (1) Energy Generation Technician (1) Career Pathway Experience (.5, 1, 2) Entrepreneurship (1)	Oral Communications I (1) Personal Finance (.5) Business Fundamentals (1) Field Experiences in Science Courses (.5) Physics I-Advanced Placement (1) Physics C-Electricity and Magnetism-Advanced Placement (1) Introduction to Engineering (.5) Calculus (1) 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 (.5) & MS Studies (.5)	Contemporary Health (.5) Business & Technology (1) Art		
	10	English II or Accelerated	Geometry or Algebra II	Biology I or Chemistry I	World History	Physical Education		
	11	English III	Trigonometry, Pre-Calculus, or Algebra II	Chemistry or Physics	U.S. History			
	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 (.5) & Economics (.5)			
<i>College Placement Assessments-Academic/Career Advisement Provided</i>								
							* The courses in this pathway may be taken as two 2-credit courses or four 1-credit courses as shown above.	

Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.

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							
							NOTE: To view postsecondary CTE articulation: http://www.mcmb.edu/WkfEdu/ctDefault.aspx	