



Name _____
 Learner ID _____
 School/College/University _____

SHS PLAN OF STUDY

Science, Technology, Engineering and Mathematics

Career Cluster Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

This Career Cluster Plan of Study (based on the Science, Technology, Engineering and Mathematics 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	Math	Science	Social Studies/ Sciences	Other Required Courses	*Career and Technical Courses and/ or Degree Major Courses for Science, Technology, Engineering and	Other Electives	SAMPLE Occupations Relating to This Career Cluster
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Interest Inventory Administered and Plan of Study Initiated for all Learners

SECONDARY	9	English I	Algebra I, Pt. 1, Algebra I Geometry	Physical Science	OK. History US Government	1 unit of Fine Arts, 2 units of Foreign Language or 2 units of Computer Technology	Technology Education Agriculture I	Band, Orchestra, Art, Speech & Drama, Choir, Careers, PE, Computer Technology, Family & Consumer Science	<ul style="list-style-type: none"> ► Aerospace Engineer ► Agricultural Engineer ► Analytical Chemist ► Anthropologist ► Architectural Engineer ► Astrophysicist ► Biomedical Engineer ► CAD Technician ► Civil Engineer ► Computer Programmer ► Ecologist ► Geologist ► Geothermal Engineer ► Math Teacher ► Mathematician ► Metallurgist ► Statistician ► Survey Technician ► Zoologist
	10	English II	Alg. 1, Pt. 2, Alg. I	Biology	World History		Agriculture II		
	11	English III	Geometry, Algebra II, Alg. III, or Trig/Pre-Calc., or AP Statistics or AP Calculus	Chemistry, and/or other lab sciences, including AP science courses.	American History		Technology Center: Drafting Pre-engineering Technology Bio Technician Electrical Technician Precision Metal Fabrication		
	12	English IV	Algebra II, Alg. III or Trig/Pre-Calc, and/or Ap Statistics., and/or AP Calculus						

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

	Technology Center	Community College	College/University
POSTSECONDARY	Automated Manufacturing Technology Drafting And CAD Electronics Industrial Maintenance Manufacturing Engineering Technology Precision Machining	Design Engineering Technology Pre-Engineering Industrial Drafting Biology Chemistry Physics Mathematics	Mechanical Engineering Civil Engineering Mathematics Biology Biochemistry Chemistry Physics Management Science & Systems Analysis
	For more infor., visit www.okcareertech.org	For more infor., visit www.okhighered.org	For more info., visit www.okhighered.org