



Name \_\_\_\_\_

Learner ID \_\_\_\_\_

School/College/University \_\_\_\_\_

# SAMPLE PROGRAM OF STUDY

## Cluster: Health Science

## Pathway: Diagnostic Services

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

This Career Pathway Plan of Study (based on the Health Science 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 Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/ or Degree Major Courses for Diagnostic Services Pathway	SAMPLE Occupations Relating to This Pathway
Interest Inventory Administered and Plan of Study Initiated for all Learners								
<b>SECONDARY</b>	9	English Composition	Algebra I	Earth Science	Social Studies 9	World Language 1	Health Science I: Introduction to Health Science Information Technology Applications	<b>Occupations Requiring Less than Baccalaureate Degree</b> ► Cardiovascular Technologist ► Central Supply Technician ► Clinical Lab Technician ► Computer Tomography (CT) Technologist ► Diagnostic Medical Sonographer ► Electrocardiographic (ECG) Technician ► Histotechnician ► Magnetic Resonance (MR) Technologist ► Mammographer ► Nuclear Medicine Technologist ► Pathology Assistant ► Phlebotomist ► Positron Emission Tomography (PET) Technologist ► Radiologic Technologist/ Radiographer
	10	English Literature	Geometry	Biology	Modern Europe	World Language 2	Health Science II: Health, Safety and Ethics in the Health Environment	
	11	Literature & Composition	Pre-Calculus	Chemistry	U.S. History Sociology	World Language 3	Health Science III: Employment in Health Occupations	
	College Placement Assessments-Academic/Career Advisement Provided							
	12	English Composition	Intermediate Algebra	Anatomy and Physiology	World Issues	World Language 4 Psychology	Health Science IV: Introduction to Diagnostic Services	
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
<b>POSTSECONDARY</b>	Year 13	English Composition	Intermediate Algebra	Chemistry	American Government Psychology	Medical Terminology	Health Science V: Diagnostic Services Preparation	<b>Occupations Requiring Baccalaureate Degree</b> ► Cytogenetic Technologist ► Cytotechnologist ► Exercise Physiologist ► Geneticist ► Histotechnologist ► Medical Technologist/Clinical Laboratory Scientist ► Nutritionist ► Pathologist ► Radiologist
	Year 14	Speech/Oral Communication Technical Writing	Statistics or Calculus	Anatomy and Physiology Microbiology	Modern Western Traditions Sociology	Medical Ethics	Continue Courses in Area of Specialization	
	Year 15						Continue Courses in Area of Specialization	
	Year 16						Complete Diagnostic Services Major (4-Year Degree Program)	