



SD Program of Study

Diagnostics Services Pathway

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as postsecondary entrance requirements.

	GRADE	English	Math	Science	Social Studies/ Sciences	SD Required Electives	Career & Technical Education Courses	SAMPLE Career Options Relating to This Pathway
Personal Learning Plan (PLP) initiated for all students, career and academic advisement and appropriate assessments.								
SECONDARY	9	* English/Language Arts I (01001)	* Algebra I (02052)	* Physical Science (03159)	* World History-Overview (04051) * World Geography (04001)	* PE/Health * Fine Art Elective	* Employability/Careers (22152) * Foundations of CTE (22150)	Occupations Requiring Less than Baccalaureate Degree ▶ 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 Occupations Requiring Baccalaureate Degree ▶ Cytogenetic Technologist ▶ Cytotechnologist ▶ Exercise Physiologist ▶ Geneticist ▶ Histotechnologist ▶ Medical Technologist/Clinical Laboratory Scientist ▶ Nutritionist ▶ Pathologist ▶ Radiologist
	10	*English/Literature II (01051) *Speech (01151)	* Geometry (02072)	*w Biology (03051)		1 unit total - any combination of: * World Language or	* Health Science Careers I (14001) Health Science Careers II (14002)	
	11	*English/Comp III (01102) *American Literature (01054)	* Algebra II (02056)	*w Chemistry (03101)	* U.S. History-Comprehensive (04101)	* Capstone Service Learning or Approved Career & Technical Education	Intro to Medical Laboratory (14102)	
	12	* English/Language Arts IV (01004)	Statistics (02201) or Calculus (02121)	AP Biology (03056) or AP Chemistry (03106) or Anatomy & Physiology (03053) or Microbiology (03060) or Physics (03151)	* U.S. Government-Comprehensive (04151) * Psychology (04254)	* Personal Finance (22210) or *Economics (04201)	* Medical Terminology (14154) * Capstone Experience	
POSTSECONDARY	Year 13	Written and Oral Communications	College Level Math	Natural Sciences	Social Studies/ Sciences	Computer Literacy		
	Year 14	Written Communications	Information Literacy			Wellness for Life Arts & Humanities		
	Year 15							
	Year 16							
CAREER CLUSTER	Certified Nurse Aid (CNA) First Aid/CPR OSHA 10 Hour Safety Certification—General Industry Pharmacy Technician Certification							
Orange Text - College Level - Dual Credit * Classes available through Virtual School ✦ Recommended academic								