

# SD Program of Study

## Health, Safety & Environmental Management 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 I (01001)	* Algebra I (02052)	* Physical Science (03159)	* World History-Overview (04051) * World Geography (04001)	* PE/Health * Fine Art Elective	Foundations of CTE (22150) Introduction to Vehicle System Maintenance (20106)	<ul style="list-style-type: none"> <li>▶ Department of Transportation (DOT) Inspector</li> <li>▶ Environmental Compliance Inspector</li> <li>▶ Environmental Compliance Specialist</li> <li>▶ Environmental Engineer</li> <li>▶ Environmental Manager</li> <li>▶ Environmental Protection Specialist</li> <li>▶ Environmental Scientist</li> <li>▶ First Responder</li> <li>▶ Hazardous Materials Manager</li> <li>▶ Health and Safety Manager</li> <li>▶ Industrial Health and Safety Engineer</li> <li>▶ Industrial Hygienist</li> <li>▶ Risk Manager</li> <li>▶ Safety Analyst</li> </ul>
	10	*English/Literature II (01051) *Speech (01151)	* Geometry (02072)	* Biology (03051)		1 unit total - any combination of: * World Language or	Business Communication (12009) ATV/Small Engine Mechanics (20109)	
	11	*English/Comp III (01102) *American Literature (01054)	* Algebra II (02056)	* Chemistry (03101)	* American History Comprehensive (04101)	* Capstone Service Learning or Approved Career & Technical Education	Entrepreneurship (12053)	
	12	* English IV (01004)	Statistics (02201) or Calculus (02121)	College Science Elective	* U.S. Government-Comprehensive (04151) * Psychology (04254)	* Personal Finance (22210) or *Economics (04201)	* Youth Internship (80018) * Senior Experience (80019)	
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 CERTIFICATES	Automotive Service Excellence (ASE) Certification Drafter Certification (ADDA) OSHA 10 Hour Safety Certification—General Industry Project Lead the Way							

Orange Text - College Level - Dual Credit

\* Classes available through Virtual School

<sup>2</sup> Recommended academic