

SD Program of Study

Transportation Systems/Infrastructure Planning, Managing, and Regulations 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, academic and career advisement appropriate for all students.								
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"> ▶ Air Traffic Controller ▶ Aviation Inspector ▶ Civil Engineer ▶ Customer Accounts Manager ▶ Customs Inspector ▶ Department of Transportation (DOT) Officer ▶ Engineering Technician ▶ Environmental Compliance Inspector ▶ Environmental Engineer ▶ Freight Inspector ▶ Logistics System Manager ▶ Marine Cargo Inspector ▶ Motor Vehicle Inspector ▶ Port Manager ▶ Public Transportation Inspector ▶ Railroad Inspector ▶ Regulator ▶ Surveying and Mapping Technician ▶ Traffic Technician ▶ Transportation Engineer ▶ Urban and Regional Planner
	10	*English/Literature II (01051) *Speech (01151)	* Geometry (02072)	* Biology (03051)		1 unit total - any combination of: * World Language or	Business Communication (12009) Introduction to Energy & Power (20101)	
	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	Introduction to Engineering Design (21006) 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 Transportation, Distribution & Logistics Drafter Certification (ADDA) Transportation, Distribution & Logistics OSHA 10 Hour Safety Certification—General Industry Transportation, Distribution & Logistics Project Lead the Way							
Orange Text - College Level - Dual Credit						* Classes available through Virtual School	² Recommended academic	