

SD Program of Study

Telecommunications 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 Cluster Education Courses	SAMPLE Career Options Relating to This Pathway
Personal Learning Plan (PLP) initiated for all students, academic and career 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	Employability/Career (22152) or Foundations of CTE (22150) Intro to Arts, Audio-Video Technology & Communications (11000)	<ul style="list-style-type: none"> ▶ Customer Service Representative ▶ Network Designer ▶ Sales Representative ▶ Systems Designer ▶ Telecommunication Computer Programmer and Systems Analyst ▶ Telecommunication Equipment: Cable, Line Repairer and Installer ▶ Telecommunication Technician
	10	*English/Literature II (01051) *Speech (01151)	* Geometry (02072)	* Biology (03051)		1 unit total - any combination of: * World Language or	Commercial Graphic Design (11154) Electronics (17106)	
	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	Networking Technology (10101)	
	12	* English IV (01004)	Pre-Calculus (02110) or Technical Math (02153)	College Science Elective	* U.S. Government-Comprehensive (04151) * Psychology (04254)	* Personal Finance (22210) or *Economics (04201)	Networking Systems (10102) Capstone Experiences	
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	OSHA 10 Hour Safety Certification—General Industry							

Orange Text - College Level - Dual Credit

* Classes available through Virtual School

² Recommended academic