



SD Program of Study Network 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 college entrance requirements.

| | GRADE | English | Math | Science | Social Studies/ Sciences | SD Required Electives | Career & Technical Education Courses | SAMPLE Career Options Relating to This Pathway | | |
|--|---|------------------------------------|--------------------------|--|--|---|---|---|--|--|
| Interest Inventory Administered and Plan of Study Initiated for all Students | | | | | | | | | | |
| SECONDARY | 9 | * English I | * Algebra I | * Physical Science | * World History * Geography | * PE/Health * Fine Art Elective | Computer Applications Intro to Information Technology Foundations of CTE Operating Systems | <ul style="list-style-type: none"> ▶ Communications Analyst ▶ Data Communications Analyst ▶ Information Systems Administrator ▶ Information Systems Operator ▶ Information Technology Engineer ▶ Network Administrator ▶ Network Architect ▶ Network Engineer ▶ Network Manager ▶ Network Operations Analyst ▶ Network Security Analyst ▶ Network Specialist ▶ Network Technician ▶ Network Transport Administrator ▶ PC Support Specialist ▶ Systems Administrator ▶ Systems Engineer ▶ Systems Support Leader ▶ Technical Support Specialist ▶ Telecommunications Network Technician ▶ User Support Specialist | | |
| | 10 | * English II | * Geometry | * Biology I | | 2 units total - any combination of: * World Language or | Computer Hardware and/or Electronics Information Systems Analysis and Design | | | |
| | Academic/Career Advisement Provided - College Placement Assessments | | | | | | | | | |
| | 11 | * English III | * Algebra II | * Chemistry | * American History | * Computer Studies or Approved Career & Technical Education | Network Technology * Entrepreneurship | | | |
| | 12 | * English IV | Calculus Trigonometry | Physics College Science Elective | * U.S. Government * Psychology | * Personal Finance or * Economics | Networking Systems, Cabling *Capstone Experience | | | |
| The general course identified in this Program of Study are those required as part of S.D. Advanced Pathway to Graduation. | | | | | | | | | | |
| 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 | | | | | | | | | |

◀ Blue Text - College Level - Dual Credit

Underlined Text - Industry Certification Available

† Red Text - Courses can be articulated to Postsecondary Education

* Classes available through Virtual School ✧ Recommended academic