

## Information Technology

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses for Network Systems Pathway	SAMPLE Occupations Relating to This Pathway
<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>								
SECONDARY	9	English/ Language Arts I	Algebra I or Geometry	Earth or Life or Physical Science	World History	All plans of study should meet local and state high school graduation requirements and college entrance requirements. Certain local student organization activities are also important including public speaking, record keeping and work-based experiences.	Click here to view the course catalog: <a href="https://www.graderesults.com/cte">https://www.graderesults.com/cte</a>  <a href="#">Industry-Based Certification Tests &amp; Preparation Courses</a>	<ul style="list-style-type: none"> <li>▶ Communications Analyst</li> <li>▶ Data Communications Analyst</li> <li>▶ Information Systems Administrator</li> <li>▶ Information Systems Operator</li> <li>▶ Information Technology Engineer</li> <li>▶ Network Administrator</li> <li>▶ Network Architect</li> <li>▶ Network Engineer</li> <li>▶ Network Manager</li> <li>▶ Network Operations Analyst</li> <li>▶ Network Security Analyst</li> <li>▶ Network Specialist</li> <li>▶ Network Technician</li> <li>▶ Network Transport Administrator</li> <li>▶ PC Support Specialist</li> <li>▶ Systems Administrator</li> <li>▶ Systems Engineer</li> <li>▶ Systems Support Leader</li> <li>▶ Technical Support Specialist</li> <li>▶ Telecommunications Network Technician</li> <li>▶ User Support Specialist</li> </ul>
	10	English/ Language Arts II	Geometry or Algebra II	Biology	U.S. History			
	11	English/ Language Arts III	Algebra II or Pre-Calculus or Trigonometry	Chemistry	Political Science Economics			
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>							
	12	English/ Language Arts IV Technical Reading	Pre-Calculus or Trigonometry AP Calculus or Advanced Math	Applied Physics				
<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>								
POSTSECONDARY	Year 13	English Composition English Literature	Calculus	Chemistry	American Government Psychology	All plans of study need to meet learners' career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	Click here to view the course catalog: <a href="https://www.graderesults.com/cte">https://www.graderesults.com/cte</a>  <a href="#">Industry-Based Certification Tests &amp; Preparation Courses</a>	
	Year 14	Speech/ Oral Communication Technical Writing	Computer Applications	Biological Science Physics	American History Geography			
	Year 15	Continue courses in the area of specialization.						
	Year 16							