High School to College and Career Pathway: Secondary

Area of Study: Information Technology Education

Pathway: Information Support & Services
Technical Support

Middle School		State Requirements			High School Suggested Education Plan			
7th Grade →	8th Grade →	Middle School		High School	9th Grade Suggested →	10th Grade Suggested →	11th Grade Suggested →	12th Grade Suggested →
Language Arts 7 1.00	Language Arts 8 1.00	**2.00**	**Language Arts**	**4.00**	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00
Pre-Algebra 1.00	Elem. Algebra or Applied Math 1.00	**2.00**	**Math**	**3.00**	Geometry or Applied Math II 1.00	Intermediate Algebra 1.00	Computer Programming I 1.00	
Science .50	Science 1.00	**1.50**	**Science**	**3.00**	Earth Systems 1.00	Biological Science 1.00	Additional credit 1.00	
Utah Studies .50	U.S. History I 1.00	**1.50**	**Social Studies**	**2.50**	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50
P.E. 1.00	Health .50	**1.50**	**P.E./Health**	**2.00**	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50		
The Arts .50	The Arts .50	**1.00**	**Fine Arts**	**1.50**	Fine Arts Courses 1.50			
			Financial Literacy	**.50**			Financial Literacy .50	
Keyboarding .50			**Computer Tech.**	**.50**	Computer Technology .50			
CTE Intro 1.00		**1.00**	**Career and Technical Education**	**1.00**				

Workforce Trends

Growth will be driven by rapid increases in the computer and data processing services industry. Employment prospects should be favorable, especially for candidates who have either a degree in computer science or computer engineering.

Get the Facts

Technical support positions are in high demand both in IT and non-IT companies. Non-IT companies represent 79% of employment for IT workers.

Core Curriculum and elective requirements may vary district to district. Check with your school counselor.

Concurrent enrollment course offerings vary by school and district.

Foundation courses taken beyond the required credits can be used as elective credit.

Career and Technical Education Recommended Pathway Courses

(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)

CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL

Course #	Foundation Courses: (required)	Credit	
11.9920	A+ (Computer Maintenance)	1.00	
	Choose one of the following courses:		
11.9940	Linux Fundamentals	1.00	2.00 credits
11.0440	Network Fundamentals	.50	
11.0410	Novell CNA	1.00	
11.0450	Security Fundamentals	.50	
	Elective Courses:		
11.0101	Information Technology, Introduction	.50	1.00 credit
11.0430	Microsoft Certified Professional (MCP)	1.00	
32.0199	Student Internship (Critical Workplace Skills)	.50	

3.00 credits for completion

Many Utah post-secondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional post-secondary Pathways for details.

College & Careers

Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

> Certificate
> Associate degree
> Bachelor's degree
> Professional degree
> On-the-job training
> Apprenticeship
> Military training

Technical Support is:
> High skill
> High wage
> High demand
> Nontraditional for females

Sample Occupations

> Computer Operator
> Help Desk Technician
> Information Technology Education Teacher
> Microcomputer Support
> Network Control Operator
> Technical Support Specialist

For more information on salary projections, labor market demand, and training options, visit www.utahfutures.org.

Note: *For more information, talk to your school counselor.*

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