

Create Depth in Learning

We've created 49 suggested career pathways to help students learn technical skills and develop durable skills to accelerate employability while they earn a high school diploma.

Advanced Manufacturing

Pathway	Year 1	Year 2	Year 3	Capstone
Biotechnology	Principles of Engineering and Technology	Biotechnology	Principles of Manufacturing	Career Capstone: 21st Century Life and Careers
Robotics	Principles of Engineering and Technology	Principles of Manufacturing	Robotics I	Career Capstone: 21st Century Life and Careers

Agriculture

Pathway	Year 1	Year 2	Year 3	Capstone
Animal Systems	Principles of Agriculture, Food, and Natural Resources	Intro to Veterinary Science	Biotechnology	Career Capstone: 21st Century Life and Careers

Arts, Entertainment, and Design

Pathway	Year 1	Year 2	Year 3	Capstone
Journalism and Broadcasting	Principles of Arts, A/V Technology, and Communications	Audio/Video Production 1	Audio/Video Production 2	Audio/Video Production 3
				Career Capstone: 21st Century Life and Careers
Journalism and Broadcasting – Photography	Principles of Arts, A/V Technology, and Communications	Digital and Interactive Media	Professional Photography	Career Capstone: 21st Century Life and Careers
Visual Arts – Graphic Design	Principles of Arts, A/V Technology, and Communications	Digital and Interactive Media	Graphic Design and Illustration	Career Capstone: 21st Century Life and Careers

Construction

Pathway	Year 1	Year 2	Year 3	Capstone
Architectural Drafting and Design	Principles of Architecture and Construction	Drafting and Design		Career Capstone: 21st Century Life and Careers

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Digital Technology

Pathway	Year 1	Year 2		Year 3		Capstone
Computer Science	Principles of Information Technology	Computer Science Essentials		Computer Programming I		Career Capstone: 21st Century Life and Careers
		CompTIA A+ (220-1001) [^]	CompTIA A+ (220-1001) [^]	AP [®] Computer Science A		
Cybersecurity	Principles of Information Technology	Security Fundamentals		CompTIA A+ (220-1001) [^]	CompTIA A+ (220-1002) [^]	CompTIA Network+ Certification [^]
				CompTIA Security+ Certification [^]		Career Capstone: 21st Century Life and Careers
Game Development	Computer Science Essentials	Game Development		Intro to Android Mobile App Development	Intro to iOS Mobile App Development	Career Capstone: 21st Century Life and Careers
	Computer Programming I					
Information Support and Services – Web and Digital Communications	Principles of Information Technology	Web Technologies		Computer Applications		Career Capstone: 21st Century Life and Careers
	Computer Science Essentials			Intro to Cybersecurity		
Information Technology Operations	Principles of Information Technology	CompTIA A+ (220-1001) [^]	CompTIA A+ (220-1002) [^]	CompTIA Network+ Certification [^]		CompTIA Security+ Certification [^]
				Intro to Cybersecurity		CompTIA Cloud+ Certification [^]
						Career Capstone: 21st Century Life and Careers
Network Systems	Principles of Information Technology	Computer Programming I		Networking Fundamentals		CompTIA Network+ Certification [^]
	Computer Science Essentials			CompTIA A+ (220-1001) [^] (220-1002) [^]		Career Capstone: 21st Century Life and Careers
Network Systems – Cloud	Computer Science Essentials	Computer Programming I		Networking Fundamentals		CompTIA Cloud Essentials+ Certification [^]
	Principles of Information Technology			Intro to Cybersecurity		
Network Systems – Security	Computer Science Essentials	Computer Programming I		Security Fundamentals		CompTIA Security+ Certification [^]
	Principles of Information Technology			CompTIA A+ (220-1001) [^]	CompTIA A+ (220-1002) [^]	
Software Development	Principles of Information Technology	Computer Programming I		AP [®] Computer Science A		Career Capstone: 21st Century Life and Careers

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Education

Pathway	Year 1	Year 2	Year 3	Capstone
Teaching/Training	Principles of Education and Training	Child Development and Parenting		Career Capstone: 21st Century Life and Careers

Energy and Natural Resources

Pathway	Year 1	Year 2	Year 3	Capstone
Engineering and Technology – Green Energy	Principles of Engineering and Technology	Principles of Manufacturing	Foundations of Green Energy	Career Capstone: 21st Century Life and Careers
Natural Resources				
Systems – Forestry	Principles of Agriculture, Food, and Natural Resources	Natural Resources	Forestry and Wildlife Management	Career Capstone: 21st Century Life and Careers
Natural Resources				
Systems – Green Energy	Principles of Agriculture, Food, and Natural Resources	Natural Resources	Foundations of Green Energy	Career Capstone: 21st Century Life and Careers

Financial Services

Pathway	Year 1	Year 2	Year 3		Capstone
Accounting	Principles of Business, Marketing, and Finance	Accounting I	Accounting II		Career Capstone: 21st Century Life and Careers
Financial Strategy and Investments – Economics	Principles of Business, Marketing, and Finance	Principles of Business Management	AP® Macro	AP® Micro	Career Capstone: 21st Century Life and Careers
Financial Strategy and Investments – Financial Advisor	Principles of Business, Marketing, and Finance	Accounting	Intro to Finance	Personal Finance	Career Capstone: 21st Century Life and Careers

Healthcare and Human Services

Pathway	Year 1	Year 2	Year 3	Capstone
Biomedical Science	Health Science 1	Health Science 2	Biotechnology	Career Capstone: 21st Century Life and Careers
Cosmetology and Barbering	Cosmetology I	Cosmetology II	Cosmetology III	Career Capstone: 21st Century Life and Careers
Counseling and Mental Health Services	Principles of Human Services	Sociology	Relationships and Emotions	Career Capstone: 21st Century Life and Careers
Diagnostic Services	Health Science 1	Health Science 2	Applied Medical Terminology	Allied Health Careers
			Career Capstone: 21st Century Life and Careers	
Emergency Medical Services	Principles of Health Science	Applied Medical Terminology	Emergency Medical Responder [^]	Career Capstone: 21st Century Life and Careers
	Health Science 1	Health Science 2		
Health Informatics	Principles of Health Science	Applied Medical Terminology	Health Information Management	Allied Health Careers
	Health Science 1	Health Science 2		Career Capstone: 21st Century Life and Careers
Medical Assistant	Principles of Health Science	Applied Medical Terminology	Certified Medical Assistant [^]	Allied Health Careers
				Career Capstone: 21st Century Life and Careers
Medical Coding	Principles of Health Science	Applied Medical Terminology	Medical Coding and Billing [^]	Career Capstone: 21st Century Life and Careers
				Career Capstone: 21st Century Life and Careers
Therapeutic Services	Health Science 1	Health Science 2	Applied Medical Terminology	Career Capstone: 21st Century Life and Careers
			Anatomy and Physiology	
Therapeutic Services – Exercise Science	Principles of Health Science	Exercise Science	Anatomy and Physiology	Rehabilitation Careers
				Career Capstone: 21st Century Life and Careers
Therapeutic Services – Medical Therapeutics	Principles of Health Science	Anatomy and Physiology	Medical Therapeutics	Career Capstone: 21st Century Life and Careers
Therapeutic Services – Nursing	Principles of Health Science	Applied Medical Terminology	Certified Nurse Aide [^]	Career Capstone: 21st Century Life and Careers
	Health Science 1	Health Science 2		

Hospitality and Tourism

Pathway	Year 1	Year 2	Year 3	Capstone
Hospitality Management	Principles of Hospitality and Tourism	Nutrition	Hospitality Management	Career Capstone: 21st Century Life and Careers
Nutrition	Principles of Hospitality and Tourism	Nutrition	Nutrition, Food, and Wellness Certification ^	Career Capstone: 21st Century Life and Careers
Restaurants and Food/Beverage Services – Culinary Arts	Principles of Hospitality and Tourism	Nutrition	Culinary Arts Nutrition, Food, and Wellness Certification ^	Career Capstone: 21st Century Life and Careers
Travel and Tourism	Principles of Business, Marketing, and Finance	Principles of Hospitality and Tourism	Sports and Entertainment Marketing	Career Capstone: 21st Century Life and Careers

Management and Entrepreneurship

Pathway	Year 1	Year 2	Year 3	Capstone
Business Administration	Principles of Business Management	Management Fundamentals	Accounting	Career Capstone: 21st Century Life and Careers
Administration – Accounting	Principles of Business Management	Accounting I	Accounting II	Career Capstone: 21st Century Life and Careers
Business Information Management	Principles of Business, Marketing, and Finance	Professional Comms Business Applications	Business Information Management	Career Capstone: 21st Century Life and Careers
Entrepreneurship and Small Business	Principles of Business, Marketing, and Finance	Entrepreneurship	Professional Comms Project Management Ready Certification^	Career Capstone: 21st Century Life and Careers
Human Resources Management	Principles of Business, Marketing, and Finance	Professional Comms Business Applications	Human Resources Principles	Career Capstone: 21st Century Life and Careers
Project Management	Principles of Business Management	Management Fundamentals Professional Comms	Project Management Ready Certification^	Career Capstone: 21st Century Life and Careers

Marketing and Sales

Pathway	Year 1	Year 2	Year 3	Capstone
Marketing Management	Principles of Business Management	Management Fundamentals	Marketing, Advertising, and Sales Intro to Social Media	Career Capstone: 21st Century Life and Careers

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Public Service and Safety

Pathway	Year 1	Year 2		Year 3	Capstone
Criminal Justice	Principles of Law, Public Safety, Corrections, and Security	Intro to Criminology	Intro to Forensic Science		Career Capstone: 21st Century Life and Careers
Emergency Response	Principles of Law, Public Safety, Corrections, and Security	Applied Medical Terminology		Emergency Medical Technician	Emergency Medical Responder [^] Career Capstone: 21st Century Life and Careers

Supply Chain and Transportation

Pathway	Year 1	Year 2	Year 3	Capstone
Supply Chain and Logistics	Principles of Business Management	Principles of Transportation, Distribution, and Logistics		Career Capstone: 21st Century Life and Careers

Certification Crosswalk

Certification Preparation for Industry-Recognized Credentials

Healthcare and Human Services

- Certified Nurse Aide
Certified Nurse Aide (NNAAP)
- Medical Coding and Billing
Certified Professional Coder (CPC)/Certified Coding Associate (CCA)
- Certified Medical Assistant
Clinical Medical Assistant (CMAC) (AMCA)
- Nutrition, Food, and Wellness Certification
American Association of Family and Consumer Sciences
- Medical Responder
National Registry of Emergency Medical Technicians

Hospitality and Tourism

- Food Handler and Food Manager Certifications
NRA ServSafe®

Management and Entrepreneurship

- Project Management Certification
PMI Project Management Ready

Digital Technology

- CompTIA+ (220-1001)
CompTIA A+ (220-1001)
- CompTIA+ (220-1002)
CompTIA A+ (220-1002)
- CompTIA Network+ Certification (N10-007)
CompTIA Network+ Certification
- CompTIA Cloud Essentials+ Certification (CLO-002)
CompTIA Cloud Essentials+
- CompTIA Cloud+ Certification (CV0-003)
CompTIA Cloud+
- CompTIA Security+ Certification (SY0-601)
CompTIA Security+

[^] Certification Prep Course