

Lancer Legion Path

Join the Lancer Legion by getting on a Career Path

Lancer Legion Path Requirements

- Students must be enrolled in a total of five credit providing classes out of the eight total classes each semester of High School. This does not include Home Release, Seminary, or STAND classes.
- Students must be on track for Graduation.
- Students may pay an optional student fee for a Lancer Medal to display ONLY their LHS Recognitions pin(s).
- Students can earn Legion recognition from multiple Legion areas but may only earn one career path recognition per Legion.
- Students must earn a total of 3.0 credits hours within the single career path including credit from the specified concentrator course.
- Each class can only be counted one time for credit unless specified as in the Performance Path. If a CE semester class is taken, the credit will double.





THE PURPOSE AND VALUE OF CTE

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

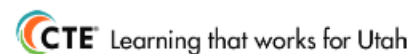
PURPOSE

Career and Technical Education (CTE)

- Provides students of all ages with the academic and technical skills, knowledge, and training necessary to succeed in future careers and to become lifelong learners. (Source: Advance CTE)
- Provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

What is a CTE Career Pathway/Program of Study?

- A Career Pathway is a sequence of courses within a student's area of interest.
- Career Pathways are rigorous programs of study to assure strong academic and technical preparation.
- Career Pathways connect high school students with college for additional training, a certificate, and/or a degree.
- Career Pathways save students time and money towards postsecondary training.



VALUE

Participation in CTE:

- Makes education relevant and important.
- Teaches students real-world knowledge and skills.
- Provides opportunities for concurrent enrollment, industry-recognized credentials of value, and meaningful work-based learning experiences. (Source: Advance CTE)
- Prepares students for high-wage, high-skill, and emerging in-demand careers in established and emerging industries. (Source: ACTE, CTE Today)
- Reduces dropout and increases on-time graduation. (Source: ACTE, CTE Works)
- Provides students the opportunity to earn skill certifications (credentials of value) that are recognized by industry.
- Provides a pathway to college and career.
- Saves students time and money towards postsecondary training.
- Helps students learn skills today that will be used tomorrow.

Participating in a CTE Career Pathway/Program of Study:

- Brings focus and relevance to high school studies.
- Makes the transition from high school to life after high school—college and career—easier.
- Maximizes opportunities for students.
- Increases student awareness of careers, education, and training.
- Aligns training with employer needs.
- Provides strong academic skills and real-world problem-solving skills.



June 2019

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

UTAH STATE BOARD OF EDUCATION
Thelma Longhurst, State Director of Career and Technical Education
250 East 500 South | P.O. Box 144200 | Salt Lake City, UT 84114-4200



Utah CTE Career PATHWAYS

Pathways to College & Career Readiness

School Year 2022-2023



Utah Career and Technical Education
CAREER CLUSTERS
Pathways to College & Career Readiness

Career Cluster* > Career Pathway

Agriculture, Food & Natural Resources

- > Agricultural Mechanics Systems
- > Agricultural Production Systems
- > Animal & Veterinary Science
- > Food Science, Dietetics & Nutrition
- > Natural Resource Science
- > Plant Science

Architecture & Construction

- > Architectural Design (CAD)
- > Construction & Structural Systems
- > Interior Design

Arts, Audio/Visual Technology & Communications

- > Broadcasting & Digital Media
- > Fashion Apparel & Textiles
- > Graphic Design & Communication

Business, Finance & Marketing

- > Accounting & Finance
- > Business Administration
- > Business Information Management
- > Marketing

Computer Science & Information Technology

- > Cybersecurity
- > Information Technology Systems
- > Programming & Software Development
- > Web Development

Education & Training

- > Pre-K: Early Childhood Education
- > K-12: Teaching as a Profession

Engineering & Technology

- > Engineering
- > Mechanical Design (CAD)

Health Science

- > Health Science

Hospitality & Tourism

- > Culinary Arts
- > Hospitality & Tourism

Human Services

- > Family & Human Services
- > Personal Care Services

Law, Public Safety, Corrections & Security

- > Protective Services

Manufacturing

- > Manufacturing & Production
- > Welding & Machining


Transportation, Distribution & Logistics

- > Automotive
- > Aviation
- > Diesel




Agriculture, Food & Natural Resources Legion career cluster

Agriculture Mechanics Systems career path

 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Agricultural Systems Tech 1		ER		x				x	
Agriculture Systems Tech 2	x			x				x	
Biology Agricultural Science		E	CHS				x		
Business Communications 1		E			x			x	
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Hydraulic Technician, Maintenance Service Tech, Welder, Agricultural Engineer Tech, Diesel Mechanic, Equipment Dealer Tech, Agriculture Engineer, CTE Teacher, Welding Engineer								

Agriculture Productions Systems career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Biology Agricultural Science		E	CHS				x		
Business Communications 1		E			x			x	
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Crop Scout, Pesticide Handler/Applicator, Storage & Hygiene Coord, Agriculture Engineer Tech, Sales Representative, Slaughter/Processor, Agriculture Inspectors, CTE Teacher, Farm/Ranch Mgr.								



Agriculture, Food & Natural Resources Legion career cluster

Animal & Veterinary Science career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Animal Science 1		ER		x				x	
Animal Science 2	x			x					x
Biology Agricultural Science		E	CHS				x		
Business Communications 1		E			x			x	
Vet Assistant 1		E	CHS	x					x
Vet Assistant 2	x		CHS	x					x
CTE Internship		C		x					12

Postsecondary Education, Training, and Career ideas

Artificial Inseminator, Livestock Auctioneer, Shipping coordinator, Herdsman, Livestock Buyer, Veterinary Asst/Technician, Animal Nutrition Specialist, CTE Teacher, Farm/Ranch Mgr.

Food Science, Dietetics & Nutrition career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Food and Nutrition		ER			x		x		
Dietetics and Nutrition 1	x				x		x		
Foundations of Nutrition		C			x	X			x
Human Development		E			x	X			x
Medical Anatomy & Physiology		E		2.0		X			x
CTE Internship		C		x					12

Postsecondary Education, Training, and Career ideas


Food Protections Mgr, Food Inspector Asst, Food Sanitation Coord, Research and Development Tech, CTE Teacher, Dietitian/Nutritionist, Food Scientist



Agriculture, Food & Natural Resources Legion career cluster

Natural Resource Science career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Business Communications 1		E			x			x	
CTE Internship		C		x					12
Biology Agricultural Science		E	CHS	x			x		
Natural Resource Science 1		ER	CHS	x					
Natural Resource Science 2	x		CHS	x					

Postsecondary Education, Training, and Career ideas

Firefighter, Heavy Equipment Operator, Pesticide Handler/Applicator, Arborist, Fisheries Tech, Forestry Tech, CTE Teacher, Conservation Officer/Scientist, Wildlife Biologist

Plant Science career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Business Communications 1		E			x			x	
Biology Agricultural Science		E	CHS	x			x		
CTE Internship		C		x					12
Greenhouse Management		C			x			x	
Plant and Soil Science		E R	CHS		x		x		
Floriculture	x		CHS		x			x	

Postsecondary Education, Training, and Career ideas


Crop Scout, Irrigation Specialist, Pesticide Handler/Applicator, Arborist, Landscape Tech, Turf Mgr, CTE Teacher, Crop Advisor, Landscape Designer/Architect



Architecture & Construction Legion career cluster

Architectural Design (CAD) career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Electrician 1 (DTC)		C	DTC						x
Plumbing 1 (DTC)		C	DTC						x
CAD Architectural Design 1		ER			x	x		x	
CAD Architectural Design 2	x				x	x		x	
Carpentry 1		E	Catalyst	x				x	
CAD Architectural Design 3		C			x	x			x
Construction Technology		E	Junior High		x		9		
Utah Architecture, Engineering & Construction (UAEC) Path - Architecture	x	x	Externship	3.0					12
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Civil Drafter, Architectural Drafter, Architect, Architectural and Engineering, Civil Engineer								



Architecture & Construction Legion career cluster


Construction & Structural Systems career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 CAD Architectural Design 1		ER			x	x		x	
Carpentry 1	x		Catalyst	x				x	
Carpentry 2		C	Catalyst	x				x	
Construction Management 1		ER	Catalyst		x			x	
Construction Management 2	x		Catalyst		x			x	
Construction Management 3		C	Catalyst		x				x
Construction Technology		ER	Junior High				9		
Electrician 1 & 2 (DTC)	x		DTC						x
Plumbing 1 & 2 (DTC)	x		DTC						x
Woods 1		ER			x			x	
Utah Architecture, Engineering & Construction (UAEC) Path - Construction	x	x	Externship	3.0					12
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Electrical/Electronics Engineer Tech, Pipefitter, Plumber, Carpenter, Electrical Drafter, CTE Teacher, Construction Mgr, Electrical Engineer								

Interior Design career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Business Communications 1		E			x			x	
CAD Architectural Design 1		E			x	x		x	
Digital Graphic Art intro		E			x			x	
Interior Design 1		ER			x		x		
Interior Design 2	x				x	x		x	
Marketing 1		E			x	x		x	
Sewing Construction & Text 3		C			x			x	
Utah Architecture, Engineering & Construction (UAEC) Path – Interior Design	x	x	Externship	3.0					12
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Photo Stylist, Architect, CTE Teacher, Interior Designer, Sales Manager, Showroom Designer								



Arts, Audio/Visual Technology & Communications Legion career cluster

Broadcasting & Digital Media career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 3D Animation 1	x				x			x	
3D Animation 2					x			x	
3D Graphics		ER			x		x		
Computer Programming 1		ER			x			x	
Computer Science Principles		ER			x	x	x		
Digital Graphic Art Intro		ER			x		x		
Digital Audio 1	x				x			x	
Digital Audio 2		C			x			x	
Digital Media 1	x				x	x		x	
Digital Media 2		C			x	x		x	
TV Broadcasting 1	x		Catalyst		x			x	
TV Broadcasting 2		C	Catalyst		x			x	
Video Production 1	x				x			x	
Video Production 2		C	Catalyst		x	x		x	
Web Development 1		ER			x		x		
CTE Internship		C		x					12

**Postsecondary Education,
Training, and Career ideas**


Video Editor, Sound Engineering Tech, Audio Video Equipment Tech, Broadcast Tech, Comm. Equipment Mechanic, Announcer, Camera Operator, CTE Teacher



Arts, Audio/Visual Technology & Communications Legion career cluster




Fashion Apparel & Textiles career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Digital Graphic Art Intro		E			x		x		
Fashion Design Studio		ER			x	x	x		
Fashion Merchandising	x				x			x	
Sewing Construction & Textiles 1		ER			x		x		
Sewing Construction & Textiles 2	x				x		x		
Sewing Construction & Textilest 3		C			x			x	
Sports & Outdoor Design 1		E	Junior High		X		9		
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Graphic Designer, Fashion Design and Merchandising, CTE Teacher, Fashion Designer, Fashion Illustrator, Textile Scientist								

Graphic Design & Communication career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
   Commercial Art 1		ER	Catalyst		x			x	
Commercial Art 2	x		Catalyst		x			x	
Commercial Photography 1	x				x			x	
Commercial Photography 2		C			x				x
Digital Graphic Art Intro		ER			x		x		
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Commercial Photographer, Web Developer, Art Director, Camera Operator, CTE Teacher, Commercial Designer								



Arts, Audio/Visual Technology & Communications Legion career cluster

Performance Lancer Path career path (NOT eligible for CTE Career Pathway Completer recognition)

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
2 years of participation in the same performance group including: Athletics, Band, Orchestra, Productions/Theatre, Set Design, Choir, LITE Team, LIA, Debate, Cheerleading, Lancelles, Dance Company, & Yearbook	X			X			X		
AP Music Theory		C		X		X			X
Choir 2		E		X				X	
Commercial Photography 1		E			X			X	
Commercial Photography 2		C			X				X
CE Communications		C			X	X			X
Creative writing 1		E			X				X
Creative writing 2		C			X				X
Dance 1		E			X			X	
CE Dance 2		C			X	X		X	
Film Studies & History		E			X			X	
Guitar 1		E			X			X	
Guitar 2		C			X			X	
CE Intro to Music		E			X	X		X	
CE Intro to Theater		E			X	X		X	
Social Dance		E			X				X
Stage Craft		C		X				X	
Theater 3		E			X			X	
Theater 4		C			X			X	
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Musician, Music/Theater Teacher, Actor, Commercial Photographer, Director, Camera Operator, Commercial Designer								



Business, Finance & Marketing Legion career cluster

Accounting & Finance career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Accounting 1		ER			x			x	
Accounting 2	x				x			x	
Advanced Accounting	x		DHS		x				x
Business Communications 1		E			x			x	
Business Marketing Capstone		C	Catalyst		x	x			x
Customer Service		E			x	x		x	
Business Law		E			x			x	
Economics		ER			x			x	
Entrepreneurship		E			x	x		x	
Marketing 1		E			x	x		x	
Sports & Entertainment Marketing		E			x			x	
Web Development 1		E			x		x		
CTE Internship		C		x					12




Postsecondary Education, Training, and Career ideas	Accountant, Auditor, Financial Manager, CTE Teacher
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Business, Finance & Marketing Legion career cluster

Business Administration career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

   Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Accounting 1		ER			x			x	
Business Communications 1		ER			x			x	
Business Management	x				x	x		x	
Business Marketing Capstone		C	Catalyst		x	x			x
Business Administrative Services DTC	x		DTC						x
Customer Service		E			x	x		x	
Digital Graphic Arts Intro		E			x		x		
Business Law		E			x			x	
Economics		E			x			x	
Entrepreneurship		ER			x	x		x	
Marketing 1		ER			x	x		x	
Sports & Entertainment Marketing		E			x			x	
Web Development 1		E			x		x		
CTE Internship		C		x					12

Postsecondary Education, Training, and Career ideas


Account Representative, Consumer Advocate, Dispute Resolution Analyst, Budget Analyst, Credit Counselor, Financial Manager, CTE Teacher



Business, Finance & Marketing Legion career cluster

Business Information Management career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Accounting 1		E			x			x	
Business Communications 1		ER			x			x	
Business Marketing Capstone		C	Catalyst		x	x			x
Business Office Specialist	x				x	x	x		
Customer Service		ER			x	x		x	
Digital Business Applications	x				x	x	x		
Digital Graphic Arts Intro		E			x		x		
Business Law		E			x			x	
Economics		E			x			x	
Entrepreneurship		E			x	x		x	
Information Technology, Intro		ER	Junior High		x		9		
Web Development 1		E			x		x		
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Desktop Publisher, Legal Assistant, Web Developer, CTE Teacher, General and Operations Manager, Marketing Manager								



Business, Finance & Marketing Legion career cluster

Marketing career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
DECA									
Accounting 1		E			x			x	
Business Communications 1		E			x			x	
Business Marketing Capstone		C	Catalyst		x				x
Customer Service		E			x	x		x	
Digital Graphic Arts Intro		E			x		x		
Digital Marketing	x				x	x		x	
Business Law		E			x			x	
Economics		E						x	
Entrepreneurship		ER			x	x		x	
Marketing 1		ER			x	x		x	
Retailing	x				x	x		x	
Sports & Entertainment Marketing		ER			x			x	
Web Development 1		E			x		x		
Sales and Marketing Path	x	x	Externship	3.0					12
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Art Director, Editor, Graphic Designer, CTE Teacher								



Computer Science & Information Technology Legion career cluster

Cybersecurity career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Computer Programming 1		E			x			x	
Computer Science Principles 1		E			x	x		x	
Cyber Defense and Ethics	x		Catalyst		x			x	
Cyber Forensics		C	Catalyst		x			x	
Cybersecurity DTC	x		DTC						x
Exploring Computer Science		E			x		x		
Information Technology Intro		E	Junior High		x		9		
Web Development 1		E			x		x		
CTE Internship		C		x					12

**Postsecondary Education,
Training, and Career ideas**

Computer Network Support Specialist, CTE Teacher, Computer and Information Systems Manager, Computer Programmer

Information Technology Systems career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Computer Programming 1		E			x			x	
Computer Science Principles 1		E			x	x		x	
Exploring Computer Science		E			x		x		
Robotics DTC		E	DTC					x	
Robotics Tech		E	Junior High		X		9		
Information Technology DTC	x		DTC						
Information Technology Intro		E	Junior High		x		9		
Web Development 1		E			x		x		
CTE Internship		C		x					12

**Postsecondary Education,
Training, and Career ideas**


Computer Network Support Specialist, CTE Teacher, Computer Network Architect, Computer and Information Systems Navigator



Computer Science & Information Technology Legion career cluster


Programming & Software Development career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course 	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Computer Programming 1		E			x			x	
Computer Programming 2	x				x	x		x	
Computer Science Principles 1		E			x	x		x	
Adv Computer Program		C		x		x		x	
AP Computer Science		C		x		x		x	
Exploring Computer Science		E			x		x		
Game Development Fund 1	x				x	x	x		
Game Develop Fund 2		C	Catalyst		x			x	
Information Technology Intro		E	Junior High		x		9		
Robotics DTC		C	DTC						x
Robotics Tech		E	Junior High		X		9		
Software Development DTC	X		DTC						x
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Web Developer, CTE Teacher, Computer Programmer, Computer Systems Analyst								

Web Development career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses



Course 	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Computer Science Principles 1		E			x	x		x	
Digital Media Design /Web Dev DTC	x		DTC						x
Digital Graphics Art Intro		E			x		x		
Entrepreneurship		E			x	x		x	
Exploring Computer Science		E			x		x		
Information Technology Intro		E	Junior High		x		9		
Web Development 1		E			x		x		
Web Development 2	x				x	x		x	
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Web Developer, CTE Teacher, Computer and Information Systems Manager, Computer Programmer, Database Administrator								



Education & Training Legion career cluster



Pre-K: Early Childhood Education career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

  Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Child Development		E			x		x		
Early Childhood Ed 1		ER			x			x	
Early Childhood Education 2	x				x			x	
Early Childhood Education 3		C			x			x	
Food and Nutrition		E			x		x		
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Teacher Assistant, Educational Preschool Administrator, Preschool Teacher Assistant, CTE Teacher, Elementary Education Teacher, Special Education Teacher, Social Worker								

K-12: Teaching as a Profession career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


  Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Business Communications 1		E			x			x	
English 1010		E			x	x			x
Human Development		E			x	x			x
Math 1050		E			x	x			x
Teaching as a Profession 1		ER	Junior High		x		9		
Teaching as a Profession 2	x				x		9	x	
Teaching as a Profession 3		C			x	x		x	
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Teacher Assistant/Para Professional, Preschool Teacher, CTE Teacher, Elementary Education Teacher, Kindergarten Teacher, Middle School Teacher, Secondary School Teacher, Special Education Teacher								



Engineering & Technology Legion career cluster

Engineering career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Aerospace Engineering	x			x		x		x	
CAD Architecture Design 1		E			x	x		x	
Composites DTC		C	DTC						x
Engineering Principles (POE)	x				x	x		x	
Engineering Technology		E	Junior High		x		9		
Introduction to Engineering (IED)		E		x		x		x	
Digital Electronics		E		x		x		x	
Machining DTC		C	DTC						x
Manufacturing Principles DTC	x		DTC						x
Plastics / Injection Molding DTC		C	DTC						x
Robotics DTC		C	DTC						x
Robotics Technology		E	Junior High				9		
Welding Technician 1		E		x		x		x	
Woods 1		E			x			x	
Aerospace Manufacturing (UAP) Path	x	x	Externship	3.0					12
Utah Architecture, Engineering & Construction (UAEC) Path – Civil Engineer	x	x	Externship	3.0					12
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Machine Operator, Production Tech, Electro-Mechanical Tech, Electronics Equipment Assembler, Automation Engineer, CTE Teacher, Electrical Engineer, Electronics Drafter								



Engineering & Technology Legion career cluster

Mechanical Design (CAD) career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Composites (DTC)		C	DTC						x
Engineering Technology		E	Junior High		x		9		
Machining 1 (DTC)		C	DTC						x
Plastics (DTC)		C	DTC						x
Welding Technician 1		E		x		x		x	
Woods 1		E			x			x	
CAD Mechanical Design 2 & 3 (IED)	x			x		x		x	
CTE Internship		C		x					12

Postsecondary Education, Training, and Career ideas

Engineering Technician, Mechanical Drafter, Mechanical Engineering Tech, Aerospace Engineer, CTE Teacher, Civil Engineer, Industrial Designer



Health Science Legion career cluster


Health Science career path									
Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses									
 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Medical Scholar		C	x	x		X			12
Health Science Intro		E		x				10	
Human Development		E			x	x			x
Medical Anatomy & Physiology (MAP)		E		2.0		x			x
Medical Terminology (Part of MAP)		E			x	X			x
Advanced Health Science / ADV MAP	x			2.0		x			x
Biotechnology	x		NHS	x		x			x
Dental Assisting DTC	x		DTC						x
Emergency Med Respond	x				X	x		x	
EMT DTC	x								x
Exercise Science / Sports Medicine	x			x		x			x
Medical Forensics	x			x					X
Medical Assistant	x		Catalyst DTC						X
Nurse Assistant/CNA DTC	x		DTC		x				X
Pharmacy Tech	x		Catalyst DTC						x
Utah Medical Interventions (MIP) Path	x	x	Externship	3.0					12
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Microbiologist, Dental Hygienist, Occupational Therapy Asst, Registered Nurse, Athletic Trainer, CTE Teacher, Forensic Science, Tech, Clinical Lab Technician, Certified Nurses Asst, Emergency Medical Tech, Medical Asst, Clinical Lab Technologist								



Hospitality & Tourism Legion career cluster

Culinary Arts career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Customer Service		E			x	x		x	
Food and Nutrition 1		E			x		x		
Culinary 1		ER			x	x	x		
Culinary 2	x			x					x
Culinary 3		C		x					x
Baking and Pastry		C			x				x
ProStart 1 & 2	x		Catalyst	x					x
Culinary Arts DTC	x		DTC						x
CTE Internship		C		x					x
Postsecondary Education, Training, and Career ideas	Baker/Pastry Chef, Sous Chef, Restaurant Manager, CTE Teacher, Culinary Art instructor, Executive Chef								



Hospitality & Tourism Legion career cluster

Hospitality & Tourism career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Accounting 1		E			X			X	
Business Communications 1		E			X			X	
Business and Marketing Capstone		C	Catalyst		X	X			X
Culinary 1		ER			X	X	X		
Customer Service		ER			X	X		X	
Digital Graphics Intro		E			X		X		
Economics		E						X	
Entrepreneurship		ER			X	X		X	
Marketing 1		ER			X	X		X	
Web Development 1		ER			X	X	X		
Hospitality & Tourism	X				X			X	
CTE Internship		C		X					12
Postsecondary Education, Training, and Career ideas	CTE Teacher, Marketing Manager, Meeting/Convention/Event Planner, Hotel manager								



Human Services Legion career cluster


Family and Human Services career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Behavior Health, Intro		E	Junior High		x		x		
Health Science, Intro		E		x				10	
Individual and Family Relationships	x				x	x			x
Human Development		E			x	x			x
Personal and Family Finance	x				x			x	
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Social Worker, Financial Counselor, Marriage and Family Therapist, Psychologist, Community Health, CTE Teacher								

Personal Care Services career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
 Accounting 1		E			x			x	
Business Management		E			x	x		x	
Cosmetology DTC	x		DTC						x
Hair Design DTC	x		DTC						x
Basic Esthetician DTC	x		DTC						x
Nail Tech DTC	x		DTC						x
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Barber, Cosmetologist, Hair Designer, Manicurist or Pedicurist, Esthetician/Skincare Specialist, CTE Teacher								



Law, Public Safety, Corrections & Security Legion career cluster

Protective Services career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course 	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Behavior Health, Intro		ER	Junior High				9		
Criminal Justice, Intro		E	WXHS					x	
Criminal Law	x		WXHS						x
Exploring Computer Science		E			x		x		
Fire Science	x		DTC						
Health Science, Intro		E			x		x		
Law Enforcement		E	FHS						
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	First Responder, Firefighter, First-Line Supervisor of Firefighting and Prevention Workers, Police Officer, CTE Teacher, Criminal Justice and Law Enforcement Teacher								



Manufacturing Legion career cluster


Manufacturing & Production career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Woods 1		ER			x			x	
Woods 2	x				x			x	
Woods 3		C			x				x
Composites DTC	x		DTC						x
Plastics / Injection Molding DTC	x		DTC						x
Manufacturing Principles DTC		E	DTC						x
Manufacturing Technology		E			x		9		
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas		Production Technician, CTE Teacher, Manufacturing Engineer							

Welding & Machining career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

 Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Welding Tech 1		E		x		x		x	
Machining DTC	x		DTC						x
Welding Tech 2	x			x		x		x	
Welding Tech 3		C		x		x			x
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas		Tool and Die Maker, Tool Maker, Welder, Machine Tool Technician, Welding Technician, CTE Teacher, Machine Tool Engineer, Welding Engineer							



Transportation, Distribution & Logistics Legion career cluster

Automotive career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses


Course	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Auto 1 (Intro to Auto)		ER			x	x		x	
Auto 2 (ASE Chassis MLR, ASE Brakes, ASE Steering & Suspension)	x			x		x			x
Auto 3 (ASE Engine Performance, ASE Electrical Electronics, ASE Engine MLR)		C		2.0	x	x			x
Digital Electronics		E		X		X		x	
Welding 1		E		x		x		x	
Machining DTC		C	DTC						x
Automotive DTC		C	DTC						x
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Automotive Service Technician – ASE (Automotive Service Excellence), CTE Teacher, Automotive Engineer								



Transportation, Distribution & Logistics Legion career cluster


Aviation career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course 	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
UAS 1 Drone Pilot		E			x			x	
UAS Pilot Courses and Flight Lab	x		Catalyst	x		x			x
Machining DTC		C	DTC						x
Digital Electronics		E		X		X		x	
Private Pilot		C	Rotates HS		x				x
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Aircraft Mechanic, Aircraft Service Tech, Air Traffic Controller, Aircraft Co-Pilot, Aircraft Pilot, CTE Teacher, Flight Engineer								

Diesel career path

Obtain 3.0 credits by taking one concentrator course plus any combination of the other path courses

Course 	Concentrator Course <i>Must take one of these courses</i>	Explorer, Recommended & Completer Courses	Magnet Course <i>Not offered at LHS</i>	1.0 Credit	.50 credit	CE Credit <i>If taken as .05 CE credit, it receives double credit</i>	Grade		
							9, 10, 11, 12	10, 11, 12	11,12
Intro to Auto		ER			x	x		x	
Machining DTC		C	DTC						x
Welding 1		E			x	x		x	
Digital Electronics		E		X		X		x	
Diesel DTC	x		DTC						x
CTE Internship		C		x					12
Postsecondary Education, Training, and Career ideas	Automotive Service Technician – ASE (Automotive Service Excellence), CTE Teacher, Automotive Engineer								



Talent Ready Utah, **PATHWAYS** a program set up through the



Designed by Industry, Made for Students

Develop skills to start your career in a growing industry, earning a sustainable family wage while continuing your education debt-free. With a partnership between education and industry, Talent Ready Utah pathway programs prepare students with credentials needed to advance quickly in various industries, opening doors to successful careers and continued educational opportunities.



HOW IT WORKS

Take the Class

Pick your pathway and speak with your CTE coordinator to determine if your chosen pathway is available in your school district.

Your CTE coordinator will provide you with the pathway requirements and connect you with our partnered employers.

Complete required courses, and you are on your way to earning your industry-recognized certification.

Use the Skills

Gain real-world experience as you participate in a required work-based learning activity that compliments your required courses.

From job shadows to externships, our pathways are designed to expose students to a working environment, build a network with employers and explore career opportunities.

Get the Job

Earn your industry-recognized certificate and take advantage of a guaranteed job interview after completing your chosen pathway.

Your certificate guarantees you a job interview with participating employers. Land your first job and continue your education to skill up. But don't stop there.

Ask your employer about their tuition reimbursement plan.

With a partnership between education and industry, Talent Ready Utah pathway programs provides students with externships and credentials needed to advance quickly in a variety of industries, opening doors to successful careers and continued education opportunities.



Aerospace Manufacturing Talent Ready Utah

Utah Aerospace (UAP) career path

Tasks towards being a Pathway Completer	Grade	
	10, 11, 12	11,12
Meet with the school CTE coordinator	x	
Receive Application in Fall of Senior Year		12
Take Composites 1 Classes offered at: DTC, Syracuse HS, Farmington HS, Clearfield HS, or Northridge HS	x	
Take Manufacturing Principles 1 Classes offered at: DTC, Syracuse HS, Farmington HS, Clearfield HS, or Northridge HS	x	
Attend 48 hour Externship		12
Postsecondary Education, Training, and Career ideas		

Sales and Marketing Talent Ready Utah

Utah Tech Sales Path career path

Tasks towards being a Pathway Completer	Grade	
	10, 11, 12	11,12
Meet with the school CTE coordinator	x	
Enroll in Tech Sales Pathway course #7916		x
Take Marketing 1	x	
Take Business & marketing Capstone		x
Take one additional business class at DTC BTEC 1570 Introduction to Sales BTEC 1575 Sales Techniques & Presentations	x	
Attend the internship		x
Apply to receive the certification		x
Postsecondary Education, Training, and Career ideas		



Construction Talent Ready Utah

Utah Architecture, Engineering and Construction career path

Tasks towards being a Pathway Completer	Grade	
	10, 11, 12	11,12
Meet with the school CTE coordinator	x	
Register for the pathway	x	
Complete classes in one of the six tracks <ul style="list-style-type: none"> Architecture & Civil Engineering Interior Design Construction Management Electrician Carpentry Plumbing 	x	
40 hour internship		x
Apply for graduation to earn the certificate		x
Postsecondary Education, Training, and Career ideas		

Life Sciences Talent Ready Utah

Utah Medical Innovations career path

Tasks towards being a Pathway Completer		Grade	
		10, 11, 12	11,12
Meet with the school CTE coordinator			
Choose a Track: Medical Device or Laboratory			
Complete the classes for the track		x	
Medical Device	Laboratory		
<ul style="list-style-type: none">Manufacturing Principles 1Biomanufacturing 1	<ul style="list-style-type: none">Biotechnology		
Job Shadow			12
Postsecondary Education, Training, and Career ideas			