



Herriman CTE Pathways 2024-25

All CTE Pathways require at least 1 Concentrator Course, 1 Completer Course, and a total of 3 credits.

Agri., Food & Nat. Resources

Food Science, Dietetics & Nutrition	
1 Explorer Course Required	Credits
Foods 1	.50
FHS 1500: Human Development	.50
Medical Anatomy	1.0
1 Concentrator Course Required	
Dietetics & Nutrition	.50
1 Completer Course Required	
NUTR 1020: Foundation of Nutr.	.50
CTE Internship	.50

Animal & Veterinary Science	
1 Explorer Course Required	Credits
Animal Science 1	1.0
Business Comm. 1	.50
Business Comm. 2	.50
Bio-Agriculture Science	1.0
CTEL 1010	.50
1 Concentrator Course Required	
Animal Science 2	1.00
1 Completer Course Required	
CTE Internship	.50

Architecture & Construction

Interior Design	
1 Explorer Course Required	Credits
Business Comm. 1	.50
Interior Design 1	.50
CAD Architectural Design 1	.50
Digital Media 1 or ART 1080	.50
1 Concentrator Course Required	
CCET 1040/Architectural Design 2	.50
Interior Design 2 OR INTD 1010	.50
1 Completer Course Required	
Sewing & Textiles 3	.50
CTE Internship	.50

Arts, Audio/Visual Technology

Broadcasting & Digital Media	
1 Explorer Course Required	Credits
Computer Programming 1	.50
3D Graphics OR ART 1630	.50
Web Development 1	.50
Digital Media 1 or ART 1080	.50
AP Comp. Sci. Principles	1.0
1 Concentrator Course Required	
TV Broadcast 1 (Esports Broadcast)	.50
Video Production 1	.50
1 Completer Course Required	
TV Broadcasting 2	.50
Video Production 2	.50
CTE Internship	.50

Fashion Apparel & Textiles	
1 Explorer Course Required	Credits
Sports Sewing 1	.50
Digital Media 1 or ART 1080	.50
Sewing 1	.50
Fashion Design or FASH 1010	.50
1 Concentrator Course Required	
Sewing 2	.50
Sports Sewing 2	.50
Fashion Merchandising	.50
1 Completer Course Required	
Sewing 3	.50
CTE Internship	.50

Business, Finance & Marketing

Finance	
1 Explorer Course Required	Credits
Accounting 1	.50
Business Office Spec or CSIS 1020	.50
Retailing or PS 2383	.50
Business Comm. 1	.50
Business Comm. 2	.50
Sports & Ent. Marketing	.50
Entrepreneurship	.50
Web Development	.50
Marketing 1 OR MKTG 1030	.50
Business Law	.50
Customer Service or PS 1403	.50
1 Concentrator Course Required	
Investing & Wealth Mngmt	.50
Accounting 2	.50
1 Completer Course Required	
Business Capstone OR PS 2991	.50
CTE Internship	.50

Marketing	
1 Explorer Course Required	Credits
Accounting 1	.50
Business Comm. 1	.50
Business Comm. 2	.50
Business Law	.50
Entrepreneurship	.50
Sports & Entertainment Mktg.	.50
Digital Media or ART 1080	.50
Web Development	.50
Marketing 1 OR MKTG 1030	.50
Business Office Spec or CSIS 1020	.50
Retailing or PS 2383	.50
Customer Service OR PS 1403	.50
1 Concentrator Course Required	
Digital Marketing	.50
1 Completer Course Required	
Business Capstone OR PS 2991	.50
CTE Internship	.50

Business	
1 Explorer Course Required	Credits
Accounting 1	.50
Business Office Spec or CSIS 1020	.50
Business Comm. 1	.50
Business Comm. 2	.50
Entrepreneurship	.50
Digital Media or ART 1080	.50
Sports & Entert. Marketing	.50
CTEL 1010	.50
Web Development	.50
Business Law	.50
Customer Service or PS 1403	.50
Retailing or PS 2383	.50
Marketing 1 OR MKTG 1030	.50
1 Concentrator Course Required	
BUS 1010	.50
1 Completer Course Required	
Business Capstone or PS 2991	.50
CTE Internship	.50

Computer Science & Information Technology

Programming & Software Development	
1 Explorer Course Required	Credits
Computer Programming 1	.50
Exploring Computer Science	.50
Robotics 1	.50
Web Development 1	.50
Math 1050	.50
AP Comp. Sci. Principles	1.0
1 Concentrator Course Required	
CSIS 1400 or Comp. Program 2	.50
Game Development 1	.50
Database Development	.50
1 Completer Course Required	
AP Computer Science	1.00
CSIS 1410	.50
Game Development 2	.50
CTE Internship	.50



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Engineering & Technology

Engineering	
1 Explorer Course Required	Credits
Mechanical Design/EDDT 1040	.50
CAD Architectural Design 1	.50
Engineering Principles 1	.50
Woods 1	.50
Robotics 1	.50
1 Concentrator Course Required	
Engineering Principles 2	.50
Mechanical Design 2/EDDT 1010	.50
Robotics 2	.50
1 Completer Course Required	
CTE Internship	.50

Education & Training

Pre-K: Early Childhood Education	
1 Explorer Course Required	Credits
Child Development	.50
Foods 1	.50
Early Childhood Education 1	.50
1 Concentrator Course Required	
Early Childhood Education 2 (2 Semesters Preschool)	1.0
1 Completer Course Required	
Early Childhood Education 3 (2 semesters Childcare Lab)	1.0
CTE Internship	.50

K-12: Teaching as a Profession

1 Explorer Course Required	Credits
Business Comm. 1	.50
English 1010	.50
FHS 1500 or Human Devel.	.50
Math 1030	.50
Math 1050	.50
Teaching as a Profession	.50
1 Concentrator Course Required	
Aspiring Educators/EDU 1010	.50
1 Completer Course Required	
CTE Internship	.50

Hospitality & Tourism

Culinary Arts	
1 Explorer Course Required	Credits
Foods 1	.50
Culinary 1	.50
1 Concentrator Course Required	
Culinary 2 or 3	1.0
Prostart 1 or 2	1.0
1 Completer Course Required	
Culinary 2 or 3	1.0
Chef 1110	.50
Baking & Pastry	.50
CTE Internship	.50

Hospitality & Tourism

1 Explorer Course Required	Credits
Accounting 1	.50
Culinary 1	.50
Business Comm. 1	.50
Business Comm. 2	.50
Business Law	.50
Customer Service OR PS 1403	.50
Digital Media or ART 1080	.50
Entrepreneurship	.50
Marketing 1 OR MKTG 1030	.50
Web Development 1	.50
Sports & Enter Marketing	.50
Retailing or PS 1890	.50
Business Office Spec or CSIS 1020	.50
Baking & Pastry	.50
1 Concentrator Course Required	
Hospitality & Tourism	.50
1 Completer Course Required	
Business & Marketing Capstone	.50
CTE Internship	.50

Manufacturing

Manufacturing & Production	
1 Explorer Course Required	Credits
Woods 1	.50
Mech. Design 1 OR EDDT 1040	.50
1 Concentrator Course Required	
Woods 2	.50
1 Completer Course Required	
Woods 3 OR CMGT 1220	1.0
CTE Internship	.50

Health Science

Health Science	
1 Explorer Course Required	Credits
Intro to Health Science	1.0
FHS 1500 or Human Devel.	.50
Medical Terminology OR HS 1100	.50
Found. Of Nutrition/NUTR 1020	.50
1 Concentrator Course Required	
Emergency Medical Response or RHS 2300	.50
Exercise/Sports Medicine OR RHS 2175	1.0
Medical Anatomy	1.0
1 Completer Course Required	
HHS 1110	.50
HHS 1111	.50
CTE Internship	.50

Corrections & Security Transportation, Distribution, & Logistics

Auto Mechanics & Repair	
1 Explorer Course Required	Credits
Intro to Auto	.50
Customer Service or PS 1403	.50
Entrepreneurship	.50
1 Concentrator Course Required	
ASE Chassis/Engine MLR (Auto 2)	1.0
1 Completer Course Required	
ASE Engine (Auto 3)	2.0
CTE Internship	.50

To be a **Concentrator** you must pass at least one explorer course and at least one concentrator course.

To be a **Completer** you must pass at least one explorer course, at least one concentrator course, at least one completer course and have enough course credits to equal 3.0 credits in the pathway.

You must turn in a Pathway Completer form to the Herriman Career Center by March 28th!



Herriman CTE Pathways 2024-25

All CTE Pathways require at least 1 Concentrator Course, 1 Completer Course, and a total of 3 credits.

JATC Offerings:

Agriculture, Food & Natural Resources

Animal & Veterinary Science		
1 Explorer Course Required		Credits
Animal Science 1		1.0
Veterinary Assisting 1 (JATC)		1.0
Business Comm. 1		0.5
Bio-Agriculture Science		1.0
Business Leadership/CTEL 1010		0.5
1 Concentrator Course Required		
Animal Science 2		1.00
Veterinary Assisting 2 (JATC)		1.0
1 Completer Course Required		
CTE Internship		0.5

Plant Science		
1 Explorer Course Required		Credits
Agricultural Science 1		1.0
Business Comm. 1		0.5
Business Comm. 2		0.5
CTEL 1010/Bus Leadership 1		0.5
Bio-Agriculture Science		1.00
Plant and Soil Science 1 (JATC)		1.00
Concentrator & Completer Courses		
Urban Horticulture		
Floriculture (JATC)		0.5
Intro to Landscape Arch (LAEP 1030) (JATC)		1.0
Nursery Operations		0.5
Floriculture & Greenhouse Mgmt. (JATC or HHS)		1.0
Horticulture/Sustainable Urban Agriculture (PSC 1800) (JATC)		1.0
Plant & Soil Science (JATC)		1.0
Landscape Architecture		
Greenhouse Mgmt. (JATC)		0.5
CTE Internship		0.5

Natural Resource Science		
1 Explorer Course Required		Credits
Agricultural Science 1		1.00
Bio-Agriculture Science		1.00
Business Communication 1		0.5
Business Communication 2		0.5
Business Leadership 1		0.5
Natural Resource Science 1 (JATC)		1.0
1 Concentrator Course Required		
Natural Resource Science 2(JATC)		1.0
1 Completer Course Required		
CTE Internship/Apprenticeship		0.5

Architecture & Construction

Architectural & Interior Design		
1 Explorer Course Required		Credits
Business Communications 1		0.5
CAD Architectural Design 1		0.5
Carpentry 1 (JATC)		0.5
Construction Trades Foundation (JATC)		0.5
Digital Media 1 or ART 1080 (JATC or HHS)		0.5
Interior Design or INTD 1010 (JATC or HHS)		0.5
Unmanned Aerial Systems/AVSC 1410 (JATC)		0.5-1
Electrician (JATC)		1.0
1 Concentrator Course Required		
CAD Architectural Design 2 (JATC)		0.5
Interior Design 2 (JATC)		1.0
1 Completer Course Required		
CAD Architectural Design 3 (JATC)		0.5
Interior Design 3 (JATC)		0.5
Sewing & Textiles 2 (JATC or HHS)		0.5
CTE Internship		0.5

Construction & Structural Sys		
1 Explorer Course Required		Credits
CAD Architectural Design 1		0.5
Construction Mngmt (JATC)		0.5
Construction Trades Foundation or CMGT 1100 (JATC)		0.5
Entrepreneurship		0.5
Interior Design or INTD 1010 (JATC or HHS)		0.5
Welding Technician, Entry Level (JATC)		0.5-1.0
Woods 1		0.5
Unmanned Aerial Systems/AVSC 1410 (JATC)		0.5-1.0
1 Concentrator Course Required		
Carpentry 1 (JATC)		0.5
Construction Mngmt 2 or CGMT 1320, CMGT 1330 (JATC)		0.5
Electrician 1(JATC)		0.5
1 Completer Course Required		
Carpentry 2 (JATC)		0.5-1.0
Construction Mngmt 3 or CMGT 1410 (JATC)		0.5
CTE Internship		0.5

Education & Training

K-12: Teaching as a Profession		
1 Explorer Course Required		Credits
Teaching as a Profession 1		0.5
Business Comm. 1		0.5
English 1010		0.5
FHS 1500 (JATC or HHS)		0.5
Math 1030		0.5
Math 1050		0.5
1 Concentrator Course Required		
Aspiring Educators (EDU 1010) (JATC)		0.5
1 Completer Course Required		
Principles of Educational Instruction (JATC)		0.5
Teaching as a Profession Capstone (SPED 1000) (JATC)		0.5-1
CTE Internship/Apprenticeship		0.5

Arts, Audio/Visual Tech. & Comm.

Broadcasting & Digital Media		
1 Explorer Course Required		Credits
Computer Programming 1		0.5
Game Development (JATC*)		0.5
3D Graphics OR ART 1630 (JATC* or HHS)		0.5
Web Develop. 1 (JATC* or HHS)		0.5
Digital Media 1 or ART 1080 (JATC* or HHS)		0.5
AP Comp. Sci. Principles		1.0
1 Concentrator Course Required		
TV Broadcast 1 (Esports Broadcast)		0.5
Digital Media 2 (JATC*)		1.0
3D Animation (JATC*)		1.0
Video Production 1 (JATC*)		0.5
1 Completer Course Required		
Advanced Digital Media (JATC*)		1.0
3D Animation 2 (JATC*)		0.5
Video Production 2 (JATC*)		0.5
Game 1 & 2 (JATC*)		1
CTE Internship		0.5

*credits earned are based on the emphasis students choose in the digital media program at JATC.



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Computer Science & Information Technology

Web Development	
1 Explorer Course Required	Credits
Entrepreneurship	0.5
Computer Science Principles	0.5
Computer Programming 1	0.5
Digital Media 1 ART 1080 (JATC or HHS)	0.5
Marketing 1 or MKTG 1030	0.5
Math 1050	0.5
Exploring Computer Science	0.5
Web Develop. 1 (JATC or HHS)	0.5
Database Development	0.5
1 Concentrator Course Required	
Web Development 2 (Art 2440) (JATC)	0.5
UX/UI & Quality Assurance (JATC)	0.5
1 Completer Course Required	
Web Dev. Capstone (JATC)	0.5
CTE Internship	0.5

Cybersecurity	
1 Explorer Course Required	Credits
AP Computer Science Princ	1.0
Computer Programming 1 (JATC or HHS)	0.5
Exploring Computer Science	0.5
Linux Fundamentals (JATC)	0.5
Networking Fund. (JATC)	0.5
Computer Science Principles	0.5
Web Development 1	0.5
Database Develop. (JATC or HHS)	0.5
Math 1050	0.5
1 Concentrator Course Required	
Principles of Cyber Defense and Ethics (JATC)	0.5
1 Completer Course Required	
Cyber Forensics (JATC)	0.5
CTE Internship	0.5

Human Services

Personal Care Services	
1 Explorer Course Required	Credits
Business Office Specialist or CSIS 1020	0.5
Customer Service or PS 1403	0.5
Entrepreneurship	0.5
Marketing 1 or MKTG 1030	0.5
Retailing or PS 1890	0.5
1 Concentrator Course Required	
1st year Hair Design (JATC)	2.0
1st year Barbering (JATC)	2.0
Nail Technician, Semester 1 (JATC)	1.0
1 Completer Course Required	
2nd year Hair Design (JATC)	2.0
2nd year Barbering (JATC)	2.0
Nail Technician, Semester 2 (JATC)	1.0
CTE Internship	0.5

Programming & Software Development	
1 Explorer Course Required	Credits
Computer Programming 1 (JATC or HHS)	0.5
Exploring Computer Science	0.5
Database Develop. (JATC or HHS)	1.0
Math 1050	0.5
Robotics 1 (JATC or HHS)	0.5
Web Development 1	0.5
AP Comp. Sci. Principles	1.0
1 Concentrator Course Required	
Computer Programming 2 CSIS 1400 (JATC or HHS)	0.5
Database Develop. (JATC or HHS)	1.0
Game Development 1	0.5
1 Completer Course Required	
AP Computer Science	1.00
Computer Programming Advance CSIS 1410 (JATC or HHS)	0.5
Game Development 2	0.5
CTE Internship	0.5

Engineering & Technology

Engineering	
1 Explorer Course Required	Credits
CAD Architectural Design 1 (JATC* or HHS)	0.5
CAD Mechanical 1 (JATC* or HHS)	0.5
Engineering Principles 1 (JATC* or HHS)	0.5
Robotics 1 (JATC* or HHS)	0.5
Woods 1	0.5
Electronics 1 (JATC*)	0.5
1 Concentrator Course Required	
Engineering Principles 2 (JATC* or HHS)	0.5
Robotics 2 (JATC* or HHS)	0.5
Materials Science (JATC*)	1.0
Mechanical Design 2/EDDT 1010	0.5
Aerospace Engineering (JATC*)	1.0
1 Completer Course Required	
Electronics 3 (JATC*)	0.5
Engineering Capstone (JATC*)	1.0
CTE Internship	0.5

*credits earned are based on the emphasis students choose in the engineering program at JATC.

Family & Human Services

1 Explorer Course Required		Credits
Intro to Behavioral Health (JATC)		0.5
Introduction to Health Science		1.0
FHS 1500 or Human Deve. (JATC* or HHS)		0.5
Psychology		0.5
1 Concentrator Course Required		
Individual and Family Relationships (JATC)		0.5
Personal and Family Finance or FIN 1050 (JATC or HHS)		0.5-1.0
1 Completer Course Required		
Advanced Behavioral Health (JATC)		0.5
Community and Public Health (JATC)		0.5-1.
CTE Internship		0.5



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Health Science

Health Science	
1 Explorer Course Required	Credits
Intro to Behavioral Health (JATC)	0.5
Community and Public Health (JATC)	0.5
Intro to Health Science	1.0
FHS 1500 or Human Deve. (JATC* or HHS)	0.5
Foundations of Nutr/Nutr 1020	0.5
Medical Terminology OR HS 1100	0.5
Medical Anatomy	1.0
Psychology	0.5
1 Concentrator Course Required	
Biotechnology (JATC)	1.0-2.0
Medical Forensics (JATC)	1.0
Human/Med Anatomy and Physiology (JATC or HHS)	1.0
Emergency Medical Response or RHS 2300	0.5
Exercise/Sports Medicine OR RHS 2175 (JATC or HHS)	1.0
1 Completer Course Required	
HTHS 1104, HTHS 1110/HTHS 1111 (JATC* or HHS)	0.5-1
Emergency Medical Tech. (JATC)	0.5-1
Dental Assistant (JATC)	4
Medical Assistant (JATC)	3
CNA: Nurse Assistant (JATC)	1
Pharmacy Technician (JATC)	4
CTE Internship (JATC program acceptance not required)	0.5
JATC Clinical Hours (only specific programs- must receive approval from CTE Coordinator)	0.5

Transportation, Distribution, & Logistics

Aviation	
1 Explorer Course Required	Credits
Aviation History (AVSC 1010) (JATC)	1.0
Intro to Auto	0.5
Customer Service or PS 1403	0.5
Unmanned Aerial Systems (AVSC 1410) (JATC)	1.0
1 Completer Course Required	
Aviation Safety (AVSC 1230) (JATC)	1.0
Private Pilot (AVCS 1100) (JATC)	1.0
CTE Internship	0.5

Automotive

Automotive	
1 Explorer Course Required	Credits
Intro to Auto HHS or (AUSV 1000) (JATC)	0.5
Welding Technician or WLD 1005 (JATC)	0.5-1
Basic Auto Collision Repair	0.5
Customer Service or PS 1403	0.5
Small Engine Repair (AUSV 1120)(JATC)	0.5
Entrepreneurship	0.5
Electronics 1 (JATC)	
Collision Repair (Non-structural)(JATC)	0.5
1 Concentrator Course Required	
ASE Chassis/Engine MLR (Auto 2)	1.0
Electric Vehicle Safe & Tech (JATC)	0.5
Collision Repair (Structural)(JATC)	0.5-1.0
1 Completer Course Required	
ASE Engine, Brakes, Steering/Suspension, Electronics (Auto 3) (Auto 1150, AUSV 1320, AUSV 1022) (JATC or HHS)	2.0
Collision Refinishing & Paint (JATC)	0.5-1.0
CTE Internship	0.5

Diesel

Diesel	
1 Explorer Course Required	Credits
Intro to Auto	0.5
Customer Service or PS 1403	0.5
Entrepreneurship	0.5
Electronics (JATC)	0.5
Welding Tech Entry (WLD 1005) (JATC)	1.0
1 Completer Course Required	
ASE Diesel IMMRR (DST 1045) (JATC)	1.0
1 Completer Course Required	
ASE Diesel Brakes (JATC)	1.0
ASE Diesel Electrical Systems (JATC)	1.0
ASE Diesel Engine (DST 1065) (JATC)	1.0
ASE Diesel Steering & Suspension (JATC)	0.5
CTE Internship/Apprenticeship	0.5

Law, Public Safety, Corrections & Security

Protective Services	
1 Explorer Course Required	Credits
Intro to Criminal Justice (CJ 1010)	0.5
Intro to Health Science	1.0
Exploring Computer Science	0.5
Law Enforcement	0.5
1 Concentrator Course Required	
Criminal Justice (JATC) (CJ 1300, CJ 1330)	0.5-1.0
Fire Science (JATC)	2.0-4.0
1 Completer Course Required	
Careers in Crim. Justice (CJ 2540) (JATC)	
CTE Internship	0.5

Manufacturing

Welding & Machining	
Explorer, Concentrator, & Completer Courses	Credits
Welding Technician (JATC): - Intro to Welding - Intermediate Welding - Advanced Welding	4.0
CTE Internship	0.5

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To be a **Completer** you must pass at least one explorer course, at least one concentrator course, at least one completer course and have enough course credits to equal 3.0 credits in the pathway.

You must turn in a Pathway Completer form to the Herriman Career Center by March 28th!