



Herriman CTE Pathways 2025-26

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

Advanced Manufacturing & Engineering

Engineering		
1 Explorer Course Required		Credits
CAD Arch Design 1/CCET 1040		.50
Computer Programming 1		.50
Engineering Principles 1		.50
Mechanical Design/EDDT 1040		.50
Physics AP		1.0
Robotics 1		.50
Woods 1		.50
1 Concentrator Course Required		
Engineering Prin 2/ENGR 1010		.50
Mechanical Design 2/EDDT 1010		.50
Robotics 2/ENGR 1070		.50
1 Completer Course Required		
Calculus AP (AB or BC)		1.0
CSIS 1410		.50
CTE Internship or Apprenticeship		.50

Manufacturing & Production		
1 Explorer Course Required		Credits
Entrepreneurship		.50
Marketing 1 or MKTG 1030		.50
Mech. Design 1 OR EDDT 1040		.50
Woods 1		.50
1 Concentrator Course Required		
Woods 2		.50
1 Completer Course Required		
Woods 3 OR CMGT 1220		1.0
CTE Internship or Apprenticeship		.50

Agriculture

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 or Apprenticeship		.50

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

Arts, Entertainment & Design

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

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

Business Management & Entrepreneurship

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

Construction

Architectural & Interior Design		
1 Explorer Course Required		Credits
Architectural Design 1		.50
Business Comm 1		.50
Digital Media 1 or ART 1080		.50
Interior Design 1		.50
1 Concentrator Course Required		
CCET 1040 or Arch Design 2		.50
Interior Design 2 OR INTD 1010		.50
1 Completer Course Required		
Sewing & Textiles 3		.50
CTE Internship or Apprenticeship		.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 31st!



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Digital Technology

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

Education

Pre-K: Early Childhood Education		
1 Explorer Course Required		Credits
Business Office Spec or CSIS 1020		.50
Child Development		.50
Entrepreneurship		.50
Early Childhood Education 1		.50
Foods 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 <u>Childcare Lab</u>)		1.0
CTE Internship or Apprenticeship		.50

K-12: Teaching as a Profession

K-12: Teaching as a Profession		
1 Explorer Course Required		Credits
Business Comm. 1		.50
English 1010 or ENGL 2010		.50
FHS 1500 or Human Devel.		.50
Math 1030		.50
Math 1050		.50
Teaching as a Profession		.50
1 Concentrator Course Required		
Aspiring Educators or EDU 1010		.50
1 Completer Course Required		
CTE Internship or Apprenticeship		.50

Financial Services

Finance		
1 Explorer Course Required		Credits
Accounting 1		.50
Business Comm. 1		.50
Business Comm. 2		.50
Business Law		.50
Business Office Spec. or CSIS 1020		.50
Customer Service or PS 1403		.50
Economics or ECON 1010		.50
Entrepreneurship		.50
Marketing 1 OR MKTG 1030		.50
Retailing or PS 2383		.50
Sports & Ent Marketing		.50
Web Development		.50
1 Concentrator Course Required		
Investing & Wealth Mngmt		.50
Accounting 2		.50
1 Completer Course Required		
Business Capstone OR PS 2991		.50
CTE Internship or Apprenticeship		.50

Healthcare & Health Science

Health Science		
1 Explorer Course Required		Credits
Intro to Health Science		1.0
Intro to Psychology		.50
FHS 1500		.50
NUTR 1020		
Medical Terminology or HS 1100		.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		
HTHS 2110		.50
HTHS 2111		.50
CTE Internship or Apprenticeship		.50

Hospitality, Events & Tourism

Culinary Arts		
1 Explorer Course Required		Credits
Culinary 1		.50
Customer Service or PS 1403		.50
Foods 1		.50
1 Concentrator Course Required		
Culinary 2 or 3		1.0
Prostart 1 or 2		1.0
1 Completer Course Required		
Baking & Pastry		.50
Culinary 2 or 3		1.0
Chef 1110		.50
CTE Internship or Apprenticeship		.50

Marketing

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

Supply Chain & Transportation

Automotive		
1 Explorer Course Required		Credits
Customer Service or PS 1403		.50
Intro to Auto or AUSV 1000		.50
Entrepreneurship		.50
Small Engine Repair		.50
1 Concentrator Course Required		
ASE Chassis/Engine MLR (Auto 2) or AUSV 1022, 1021, 1600		1.0
1 Completer Course Required		
ASE Engine (Auto 3) or AUSV 1120, AUSV 1320		2.0
CTE Internship or Apprenticeship		.50



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JATC Offerings:

Agriculture, Food & Natural Resources

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

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

Business Management & Entrepreneurship

Business		
1 Explorer Course Required		Credits
Accounting 1		0.5
CSIS 1020 or Business Office Spec		0.5
Business Comm. 1		0.5
Business Comm. 2		0.5
CTEL 1010 or Business Leadership (JATC or HHS)		0.5
Entrepreneurship		0.5
ART 1080: Digital Media		0.5
Sports & Entert. Marketing		0.5
Web Development		0.5
Business Law		0.5
PS 1403 or Customer Service		0.5
PS 2383 or Retailing		0.5
MKTG 1010 or Customer Service (JATC)		0.5
Real Estate		0.5
MKTG 1030 or Marketing 1		0.5
1 Concentrator Course Required		
MGT 2020 (JATC)		0.5
BUS 1010 (JATC)		0.5
1 Completer Course Required		
Business Capstone or PS 2991		0.5
CTE Internship or Apprenticeship		0.5

Construction

Architectural & Interior Design		
1 Explorer Course Required		Credits
Business Communications 1		0.5
CAD Arch. Design 1/CCET 1040 (JATC or HHS)		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		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
Sewing & Textiles 3		0.5
CTE Internship or Apprenticeship		0.5

Construction & Structural Sys

1 Explorer Course Required		Credits
CAD Arch. Design 1/CCET 1040 (JATC or HHS)		0.5
Construction Mngmt (JATC)		0.5
Construction Trades Foundation or CMGT 1100 (JATC)		0.5
Entrepreneurship		0.5
Interior Design or INTD 1010		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 or Apprenticeship		0.5

Arts, Entertainment & Design

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
Video Production 1 (JATC*)		
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 2 (JATC*)		0.5
1 Completer Course Required		
Advanced Digital Media (JATC*)		1.0
3D Animation 2 (JATC*)		0.5
CTE Internship or Apprenticeship		0.5

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



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Digital Technology

Web Development		
1 Explorer Course Required		Credits
Entrepreneurship		0.5
Computer Science Principles		0.5
Computer Science Principles AP		1.0
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
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 or Apprenticeship		0.5

Programming & Software Development		
1 Explorer Course Required		Credits
Computer Programming 1		0.5
Exploring Computer Science		0.5
Computer Science Principles		0.5
Database Develop. (JATC or HHS)		1.0
Computer Science Principles AP		1.0
Math 1050		0.5
Robotics 1 (JATC or HHS)		0.5
Web Development 1		0.5
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 or Apprenticeship		0.5

Cybersecurity		
1 Explorer Course Required		Credits
AP Computer Science Princ		1.0
Computer Programming 1		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
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 or Apprenticeship		0.5

Advanced Manufacturing & Engineering

Engineering		
1 Explorer Course Required		Credits
CAD Arch Design 1/CCET 1040 (JATC* or HHS)		0.5
CAD Mechanical 1/EDDT 1040 (JATC* or HHS)		0.5
Computer Programming 1		0.5
Engineering Principles 1 (JATC* or HHS)		0.5
Robotics 1 (JATC* or HHS)		0.5
Woods 1		0.5
AP Physics		1.0
Electronics 1 (JATC*)		0.5
Welding Technician (JATC*)		
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
AP Calculus		1.0
Computer Programming Advance CSIS 1410 (JATC or HHS)		0.5
CTE Internship or Apprenticeship		0.5

*credits earned are based on the emphasis students choose in the Engineering Program at JATC.

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

Health Care & Human Services

Personal Care Services		
1 Explorer Course Required		Credits
Business Leadership/CTEL 1010		0.5
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 or Apprenticeship		0.5

Health Science		
1 Explorer Course Required		Credits
Intro to Behavioral Health		0.5
Intro to Health Science		1.0
FHS 1500 or Human Deve.		0.5
Foundations of Nutr/Nutr 1020		0.5
Medical Terminology OR HS 1100		0.5
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		1.0
1 Completer Course Required		
HTHS 1110/HTHS 1111		0.5-1
Emergency Medical Tech. (JATC)		0.5-1
Dental Assistant (JATC)		4
Medical Assistant (JATC)		3
CNA: Nurse Assistant (JATC)		1



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Pharmacy Technician (JATC)	4
CTE Internship or Apprenticeship	0.5
JATC Clinical Hours (only specific programs- must receive approval from CTE Coordinator)	0.5

Supply Chain & Transportation

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 Concentrator Course Required	
Flight Simulator	1.0
1 Completer Course Required	
Aviation Safety (AVSC 1230) (JATC)	1.0
Private Pilot (AVCS 1100) (JATC)	1.0
UAS 2650 Capstone (JATC)	0.5
CTE Internship or Apprenticeship	0.5

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 IMMR (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 or Apprenticeship	0.5

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!

Law, Public Safety, Corrections & Security

Protective Services	
1 Explorer Course Required	Credits
Intro to Criminal Justice (CJ 1010)	0.5
Business Leadership or PS 2991	0.5
Intro to Health Science	1.0
Intro to Behavioral Health	0.5
Exploring Computer Science	0.5
Unmanned Aerial Systems (AVSC 1410) (JATC)	1.0
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 or Apprenticeship	0.5

Automotive	
1 Explorer Course Required	Credits
Intro to Auto HHS or (AUSV 1000) (HHS or JATC)	0.5
Welding Technician or WLD 1005 (JATC)	0.5-1
Basic Auto Collision Repair (JATC)	0.5
Customer Service or PS 1403	0.5
Small Engine Repair (AUSV 1120) (HHS or 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 or Apprenticeship	0.5