



# cedar valley

## CTE PATHWAYS 2020-21

ALL PATHWAYS REQUIRE 3 CREDITS TO COMPLETE

### AGRICULTURE, FOODS & NAT RESOURCES

#### Agricultural Mechanics Systems

1 Explorer Course Required		Grades
Ag Systems Tech 1	1.00	9-12
Bio- Agriculture	1.00	9-12
Bus Com. 1 & 2 (Eastshore)	.50-1.00	10-12
Leadership Principles	.50	10-12
1 Concentrator Course Required		
Ag Systems Tech 2	1.00	10-12
Optional Completer Course		
CTE Internship	.50	12

#### Animal & Veterinary Science

1 Explorer Course Required		Grades
Animal Science 1	1.00	9-12
Bio- Agriculture	1.00	9-12
Business Comms. 1 & 2 (Eastshore)	.50-1.00	10-12
Leadership Principles	.50	10-12
Veterinary Science 1	1.00	9-12
Equine Science 1	.50	9-12
1 Concentrator Course Required		
Animal Science 2	1.00	11-12
Equine Science 2	.50	11-12
Veterinary Assistant 2	.50	11-12
Optional Completer Course		
CTE Internship	.50	12

#### Food Science, Dietetics & Nutrition

1 Explorer Course Required		Grades
Foods 1	.50	9-12
Medical Anatomy & Physiology	1.00	10-12
1 Concentrator Course Required		
Foods 2	.50	9-12
Optional Completer Course		
Foundations of Nutrition UVU 1020	1.00	11-12
CTE Internship	.50	12

#### Plant Science

1 Explorer Course Required		Grades
Bio-Agriculture	1.00	9-12
Business Comms. 1 & 2 (Eastshore)	.50-1.00	10-12
Leadership Principles	.50	10-12
Plant & Soil Science 1	1.00	10-12
1 Concentrator Course Required		
Floral Design	.50	9-12

Landscape Design	.50	9-12
Optional Completer Course		
Greenhouse Mgmt.	.50	9-12
CTE Internship	.50	12

### ARCHITECTURE & CONSTRUCTION

#### Interior Design

1 Explorer Course Required		Grades
Dig. Graphic Arts, Intro.	.50	10-12
Marketing 1	.50	10-12
Business Comms. 12 (Eastshore)	.50	10-12
Interior Design 1	.50	9-12
1 Concentrator Course Required		
Interior Design 2	.50	10-12
Optional Completer Course		
CTE Internship	.50	12

#### Construction & Structural Systems

1 Explorer Course Required		Grades
Woods 1	.50	9-12
1 Concentrator Course Required		
Carpentry 1	1.00	11-12
Optional Completer Course		
Carpentry 2	1.00	11-12
CTE Internship	.50	12

### ARTS, AUDIO/VISUAL TECH & DIGI MEDIA

#### Broadcasting & Digital Media

1 Explorer Course Required		Grades
Computer Science Principles	.50	9-12
Computer Program 1	1.00	9-12
Dig. Graphic Arts, Intro.	.50	10-12
Game Development 1	.50	9-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
TV Broadcasting 1	.50	9-12
Digital Media 1	.50	9-12
Video Production 1	.50	9-12
Optional Completer Course		
TV Broadcasting 2	1.00	10-12
Video Production 2	1.00	10-12
CTE Internship	.50	12

#### Fashion Apparel & Textiles

1 Explorer Course Required		Grades
Dig. Graphic Arts, Intro.	.50	10-12
Fashion Design Studio	.50	9-12
Designer Sewing 1	.50	9-12
1 Concentrator Course Required		
Designer Sewing 2	.50	9-12
Fashion Merchandising	.50	9-12
Optional Completer Course		
CTE Internship	.50	12

**All pathways require 1 concentrator course, 1 explorer course and enough pathway-related courses to complete 3 credits.**

### Graphic Design & Communications

1 Explorer Course Required		Grades
Comm & Adv. Art (Commercial Arts 1)	.50	9-12
Dig. Graphic Arts, Intro.	.50	9-12
1 Concentrator Course Required		
Design & Visual Comms (Commercial Arts 2)	.50	10-12
Photo 1	.50	9-12
Optional Completer Course		
Photo 2	.50	10-12
CTE Internship	.50	12

### BUSINESS & MARKETING

#### Accounting & Finance

1 Explorer Course Required		Grades
Accounting 1	.50	10-12
Business Comms. 1 (Eastshore)	.50	10-12
Bus Law (Eastshore)	.50	10-12
Entrepreneurship	.50	10-12
Marketing 1	.50	10-12
Sports Marketing	.50	10-12
Web Development 1	.50	10-12
1 Concentrator Course Required		
Accounting 2	.50	11-12
Optional Completer Course		
CTE Internship	.50	12

#### Business Administration

1 Explorer Course Required		Grades
Accounting 1	.50	10-12
Business Comms. 1 (Eastshore)	.50	10-12
Bus Law (Eastshore)	.50	10-12
Dig. Graphic Arts, Intro.	.50	10-12
Entrepreneurship	.50	10-12
Leadership Principles	.50	10-12
Marketing 1	.50	10-12
Sports Marketing	.50	10-12
Web Development 1	.50	10-12
1 Concentrator Course Required		
Business Mgmt. (Eastshore)	.50	10-12
Optional Completer Course		
CTE Internship	.50	12

#### Business Information Management

1 Explorer Course Required		Grades
Accounting 1	.50	10-12
Business Comms. 1 (Eastshore)	.50	10-12
Bus Law (Eastshore)	.50	10-12
Dig. Graphic Arts, Intro.	.50	10-12
Entrepreneurship	.50	10-12
Web Development 1	.50	10-12
1 Concentrator Course Required		
Bus. Office Specialist	.50	9-12
Optional Completer Course		
CTE Internship	.50	12

Marketing		
1 Explorer Course Required		Grades
Accounting 1	.50	10-12
Business Comms. 1 (Eastshore)	.50	10-12
Bus Law (Eastshore)	.50	10-12
Dig. Graphic Arts, Intro.	.50	10-12
Entrepreneurship	.50	10-12
Marketing 1	.50	10-12
Sports Marketing	.50	10-12
Web Development 1	.50	10-12
1 Concentrator Course Required		
Retailing	.50	9-12
Optional Completer Course		
CTE Internship	.50	12

## COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Cybersecurity		
1 Explorer Course Required		Grades
Computer Program 1	1.00	9-12
Computer Science Prin.	1.00	10-12
Exp. Computer Science	.50	9-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Linux	.50	10-12
Cybersecurity	.50	10-12
Optional Completer Course		
CTE Internship	.50	12

Information Technology Systems		
1 Explorer Course Required		Grades
Computer Program 1	1.00	9-12
Computer Science Prin.	.50	10-12
Exp. Computer Science	.50	9-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
A+ Computer Maint.	.50	10-12
Optional Completer Course		
CTE Internship	.50	12

Programming & Software Development		
1 Explorer Course Required		Grades
AP Comp Science Prin	1.00	11-2
Computer Program 1	1.00	9-12
Computer Science Prin.	1.00	10-12
Exp. Computer Science	.50	9-12
Gaming Development 1	.50	9-12
1 Concentrator Course Required		
Computer Program 2	1.00	10-12
Completer Course		
Computer Program 3	1.00	11-12
CTE Internship	.50	12

Web Development		
1 Explorer Course Required		Grades

Computer Science Prin.	.50	9-12
Dig. Graphic Arts, Intro.	.50	10-12
Entrepreneurship	.50	10-12
Exp. Computer Science	.50	9-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Web Development 2	.50	10-12
Optional Completer Course		
CTE Internship	.50	12

## EDUCATION & TRAINING

Pre K: Early Childhood Education		
1 Explorer Course Required		Grades
Child Development	.50	9-12
Early Childhood Ed. 1	.50	10-12
Foods 1	.50	9-12
1 Concentrator Course Required		
Early Childhood Ed. 2	.50	10-12
Optional Completer Course		
Early Childhood Ed. 3	1.00	11-12
CTE Internship	.50	12

K-12: Teaching as a Profession		
1 Explorer Course Required		Grades
Business Comms 1 (Eastshore)	.50	10-12
English 1010 UVU CE	1.00	11-12
Math 1050 UVU CE	.50	11-12
Teaching as a Prof. 1	.50	9-12
1 Concentrator Course Required		
Teaching as a Prof. 2	.50	10-12
Optional Completer Course		
CTE Internship	.50	12

## HEALTH SCIENCE

Health Science		
1 Explorer Course Required		Grades
Health Science, Intro.	.50	9-12
Med An & Physiology	1.00	10-12
Medical Terminology	.50	10-12
1 Concentrator Course Required		
Health Science, Adv.	1.00	11-12
EMR	.50	11-12
Dental Asst. (MTECH)	2.00	12
EMT (MTECH)	2.00	12
Medical Asst. (MTECH)	2.00	12
Nursing Services (MTECH)	1.00	11-12
Pharmacy Tech (MTECH)	2.00	12
Optional Completer Course		
CTE Internship	.50	12

## HOSPITALITY & TOURISM

Culinary Arts		
1 Explorer Course Required		Grades
Foods 1	.50	9-12
Foods 2	.50	9-12
Prostart 1	1.00	10-12
1 Concentrator Course Required		
Prostart 2	1.00	11-2

Culinary Arts 2 (MTECH)	2.00	11-12
Optional Completer Course		
CTE Internship	.50	12

## HUMAN SERVICES

Personal Care Services		
1 Explorer Course Required		Grades
Accounting 1	.50	10-12
Bus. Mgmt. (Eastshore)		
1 Concentrator Course Required		
Esthetician & Skin Care	2.00	12
Cosmetology (MTECH)	2.00	12
Hair Design (MTECH)	1.00	11-12
Nail Tech (MTECH)	1.00	11-12
Optional Completer Course		
CTE Internship	.50	12

## PROTECTIVE SERVICES

Protective Services		
1 Explorer Course Required		Grades
Criminal Justice, Intro. UVU 1010	1.00	11-12
Law Enforcement	.50	10-12
1 Concentrator Course Required		
Criminal Law UVU 1330	1.00	11-12
Optional Completer Course		
CTE Internship	.50	12

## MANUFACTURING

Manufacturing & Production		
1 Explorer Course Required		Grades
Woods 1	.50	9-12
1 Concentrator Course Required		
Woods 2 CE	1.00	10-12
Optional Completer Course		
Woods 3	1.00	10-12
CTE Internship	.50	12

## TRANSPORTATION

Auto Mechanics & Repairs		
1 Explorer Course Required		Grades
Automotive Intro. (MTECH)	1.00	11-12
Welding, Intro.	1.00	9-12
1 Concentrator Course Required		
ASE Chassis (MTECH)	1.00	12
Optional Completer Course		
ASE Engine (MTECH)	1.00	12
CTE Internship	.50	12

Diesel		
1 Explorer Course Required		Grades
Automotive (MTECH)	2.00	11-12
Welding, Intro.	1.00	9-12
1 Concentrator Course Required		
Diesel (MTECH)	2.00	12
Optional Completer Course		
CTE Internship	.50	12

<b>Aviation</b>		
<b>1 Explorer Course Required</b>		<b>Grades</b>
<b>Aviation History</b>	<b>.50</b>	<b>9-12</b>
<b>Aircraft Systems (SUU)</b>	<b>.50</b>	<b>11-12</b>
<b>Air Transportation (SUU)</b>	<b>.50</b>	<b>11-12</b>
<b>Meteorology (SUU)</b>	<b>.50</b>	<b>11-12</b>
<b>1 Concentrator Course Required</b>		
<b>Private pilot</b>	<b>.50</b>	<b>10-12</b>
<b>Optional Completer Course</b>		
<b>CTE Internship</b>	<b>.50</b>	<b>12</b>

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