



# SKYRIDGE HIGH SCHOOL CTE PATHWAYS 2020-2021

**\*ALL PATHWAYS REQUIRE 3 CREDITS TO COMPLETE  
AGRICULTURE, FOOD & NAT RESOURCES**

Agricultural Mechanics Systems		
1 Explorer Course Required	Grades	
AP Environmental Science	1.00	11-12
Ag Systems 1	1.00	9-12
Bio Agriculture	1.00	10-12
Leadership Prin. 1 CE	.50	11-12
1 Concentrator Course Required		
Ag Systems 2 CE	1.00	10-12
Optional Completer Course		
CTE Internship	.50	11-12

Animal & Veterinary Science		
1 Explorer Course Required	Grades	
Animal Science 1	1.00	9-12
Aquaculture	1.00	9-12
Bio Agriculture	1.00	10-12
Leadership Prin. 1 CE	.50	11-12
Veterinary Asst. 1	1.00	11-12
1 Concentrator Course Required		
Animal Science 2 CE	1.00	10-12
Optional Completer Course		
CTE Internship	.50	11-12

Plant Science		
1 Explorer Course Required	Grades	
Bio Agriculture	1.00	10-12
Leadership Prin. 1 CE	.50	11-12
Plant & Soil Science CE	1.00	10-12
1 Concentrator Course Required		
Floral Design	.50	9-12
Optional Completer Course		
Greenhouse Mngt.	.50	9-12
CTE Internship	.50	11-12

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

## ARCHITECTURE & CONSTRUCTION

Construction & Structural Systems		
1 Explorer Course Required	Grades	
Woods 1	.50	9-12
1 Concentrator Course Required		
Carpentry 1	2.00	11-12
Optional Completer Course		
Carpentry 2	2.00	11-12
CTE Internship	.50	11-12

Interior Design		
1 Explorer Course Required	Grades	
CAD Arch 1	.50	10-12
Digital Graphic Arts, Intro. (Newspaper)	1.00	9-12
Interior Design 1	.50	9-12
Digital Marketing	.50	9-12
1 Concentrator Course Required		
Interior Design 2	.50	10-12
Optional Completer Course		
Interior Design (S2S)	.50-1.00	11-12
CTE Internship	.50	11-12

## ARTS, AUDIO/VISUAL TECHNOLOGY & DIGITAL MEDIA

Broadcasting & Digital Media		
1 Explorer Course Required	Grades	
AP Computer Science Principles	1.00	9-12
Computer Program 1	.50	9-12
Digital Graphic Arts (Newspaper)	1.00	9-12
Game Development	.50	9-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Digital Media (MTECH)	1.00	11-12
TV Broadcasting 1	.50	9-12
Video Production 1	.50	9-12
Optional Completer Course		
TV Broadcasting 2 (The Ridge)	1.00	10-12
Video Production 2 CE	1.00	10-12
CTE Internship	.50	11-12

Fashion Apparel & Textiles		
1 Explorer Course Required	Grades	
Digital Graphic Arts, Intro. (Newspaper)	1.00	9-12
Sports Sewing 1	.50	9-12
Sewing 1	.50	9-12
Fashion Design Studio	.50	9-12
1 Concentrator Course Required		
Sewing 2	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

All CTE Pathways require 1 Explorer Course, 1 Concentrator Course and enough pathway-related classes to complete 3 credits.

Graphic Design & Communication		
1 Explorer Course Required	Grades	
Digital Graphic Arts, Intro. (Newspaper)	1.00	9-12
1 Concentrator Course Required		
Commercial Arts 2 (Design & Visual Com)	.50	9-12
Photo 1	.50	9-12
Optional Completer Course		
Photo 2	.50	10-12
CTE Internship	.50	11-12

## BUSINESS & MARKETING

Business Administration		
1 Explorer Course Required	Grades	
Accounting 1	.50	10-12
Business Law	.50	10-12
Digital Graphic Arts, Intro. (Newspaper)	1.00	9-12
Economics CE	.50	10-12
Entrepreneurship	.50	10-12
Leadership Prin. CE	.50	11-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Business Mgmt. CE	.50	11-12
Optional Completer Course		
CTE Internship	.50	11-12

Business Information Management		
1 Explorer Course Required	Grades	
Accounting 1	.50	10-12
Business Law	.50	10-12
Digital Graphic Arts (Newspaper)	1.00	9-12
Economics CE	.50	10-12
Entrepreneurship	.50	10-12
Intro to Info. Tech	.50	9-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Business Office Specialist	.50	9-12
Digital Business Apps.	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

Marketing		
1 Explorer Course Required	Grades	
Accounting 1	.50	10-12
Business Law	.50	10-12
Digital Graphic Arts, Intro. (Newspaper)	1.00	9-12
Economics CE	.50	10-12
Entrepreneurship	.50	10-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Digital Marketing	.50	9-12
Retailing	1.00	11-12
Optional Completer Course		
CTE Internship	.50	11-12

## COMPUTER SCIENCE & INFO. TECHNOLOGY

### Cybersecurity

1 Explorer Course Required			Grades
AP Computer Science Principles	1.00		9-12
Computer Program 1	.50		9-12
Exploring Computer Science	.50		9-12
Intro. to Info. Tech	.50		9-12
Web Development 1	.50		9-12
1 Concentrator Course Required			
Linux Fund. CE	.50		10-12
Cybersecurity	.50		10-12
Optional Completer Course			
CTE Internship	.50		11-12

### Information Technology Systems

1 Explorer Course Required			Grades
AP Comp Science Prin.	1.00		9-12
Computer Program 1	.50		9-12
Exp. Computer Science	.50		9-12
Intro. to Info. Tech	.50		9-12
Robotics 1	.50		9-12
Web Development 1	.50		9-12
1 Concentrator Course Required			
A+ Computer Maint. CE	1.00		10-12
Optional Completer Course			
CTE Internship	.50		11-12

### Programming & Software Development

1 Explorer Course Required			Grades
AP Computer Science Principles	1.00		9-12
Computer Program 1	.50		9-12
Exp. Computer Science	.50		9-12
Game Development	.50		10-12
Intro. to Info. Tech CE	.50		9-12
Robotics 1	.50		9-12
1 Concentrator Course Required			
Computer Program 2 CE	.50		9-12
Optional Completer Course			
Computer Program 3 CE	1.00		10-12
CTE Internship	.50		11-12

### Web Development

1 Explorer Course Required			Grades
AP Computer Science Principles	1.00		9-12
Dig. Graphic Arts -News	1.00		9-12
Entrepreneurship	.50		10-12
Exp. Computer Science	.50		9-12
Intro. to Info. Tech CE	.50		9-12
Web Development 1	.50		9-12
1 Concentrator Course Required			
Web Development 2 CE	.50		9-12
Optional Completer Course			
Web Development 3	.50/1.00		10-12
CTE Internship	.50		11-12

## EDUCATION & TRAINING

### Pre-K: Early Childhood Education

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

### K-12: Teaching as a Profession

1 Explorer Course Required			Grades
English 1010 CE	1.00		11-12
Math 1050 CE	.50		11-12
Teaching as a Prof 1	.50		9-12
1 Concentrator Course Required			
Teaching as a Prof 2	.50		9-12
Optional Completer Course			
CTE Internship	.50		11-12

## ENGINEERING & TECHNOLOGY:

### Engineering

1 Explorer Course Required			Grades
CAD Architecture 1	.50		9-12
CAD Mechanics 1	.50		9-12
Engineering Princ. 1 or Women in Engineering	.50		9-12
Robotics 1	.50		9-12
Welding Tech. 1 CE	1.00		10-12
Woods 1	.50		9-12
1 Concentrator Course Required			
Engineering Principles 2	.50		10-12
Robotics 2	1.00		10-12
Optional Completer Course			
CTE Internship	.50		11-12

## HEALTH SCIENCE:

### Health Science

1 Explorer Course Required			Grades
Health Science, Intro.	.50		9-12
Medical Anatomy	1.00		10-12
Medical Terminology	.50		10-12
1 Concentrator Course Required			
EMR w/ Med Term	1.00		10-12
Health Science, Adv. CE	1.00		11-12
Medical Forensics	1.00		11-12
Sports Medicine	1.00		11-12
Dental Asst. (MTECH)	2.00		12
EMT (MTECH)	2.00		12
Medical Asst. (MTECH)	2.00		12
Nurse Asst. (MTECH)	1.00		11-12
Pharmacy Tech.(MTECH)	2.00		12
Optional Completer Course			
CTE Internship	.50		11-12

\*Individual MTECH programs are part of the Health Science Pathway

## HOSPITALITY & TOURISM

### Culinary Arts

1 Explorer Course Required			Grades
Foods 1	.50		9-12
Foods 2	.50		9-12
Culinary Arts 1	1.00		11-12
1 Concentrator Course Required			
Culinary Arts 2 (Culinary Mgmt.)	1.00		11-12
Optional Completer Course			
CTE Internship	.50		11-12

## Human Services

### Personal Care

1 Explorer Course Required			Grades
Accounting 1	.50		10-12
Business Mgmt. CE	.50		11-12
1 Concentrator Course Required			
Basic Esthetician	2.00		12
Cosmetology (MTECH)	2.00		12
Hair Design (MTECH)	2.00		12
Nail Tech (MTECH)	1.00		11-12
Optional Completer Course			
CTE Internship	.50		11-12

## MANUFACTURING

### Manufacturing & Production

1 Explorer Course Required			Grades
CAD Mechanics 1	.50		9-12
Woods 1	.50		9-12
1 Concentrator Course Required			
Woods 2 CE	1.00		10-12
Optional Completer Course			
Woods 3 CE	1.00		11-12
CTE Internship	.50		11-12

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Auto Mechanics, Diesel, & Welding Pathways offered at Mountainland Technology College (MTECH)

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CTE DOES NOT DISCRIMINATE BASED ON RACE, COLOR, NATIONAL ORIGIN, GENDER, SEXUAL ORIENTATION, OR DISABILITIES

UPDATED 9/10/2020