



# American Fork High CTE Pathways 2020-2021

\*ALL PATHWAYS REQUIRE 3 CREDITS TO COMPLETE

## AGRICULTURE:

### Agricultural Mechanics Systems

1 Explorer Course Required		
Course	Credits	Grades
Ag Systems 1	1.00	9-12
Business Comm 1/2	.50/.50	10-12
Environ Science AP CE	1.00	11-12
Leadership Princ. CE	.50	11-12
1 Concentrator Course Required		
Ag Systems 2	1.00	10-12
Optional Completer Course		
Advanced Ag Mech	1.00	11-12
CTE Internship	.50	11-12

### Animal & Veterinary Science

1 Explorer Course Required		
Course	Credits	Grades
Animal Science	1.00	10-12
Business Comm 1/2	.50/.50	10-12
Leadership Princ. CE	.50	10-12
Veterinary Asst. 1	1.00	10-12
1 Concentrator Course Required		
Animal Science 2 (S2S)	1.00	11-12
Optional Completer Course		
CTE Internship	.50	11-12

### Food Science, Dietetics & Nutrition

1 Explorer Course Required		
Course	Credits	Grades
Food & Nutrition 1	.50	9-12
Human Dvlpmnt(UVU)	1.00	10-12
Medical Anat & Phys	1.00	10-12
1 Concentrator Course Required		
Food & Nutrition 2	.50	10-12
Optional Completer Course		
Fnd of Nutrition(UVU)	1.00	10-12
CTE Internship	.50	11-12

### Plant Science

1 Explorer Course Required		
Course	Credits	Grades
Business Comm 1/2	.50	10-12
Leadership Princ. CE	.50	11-12
Plant & Soil Science	1.00	10-12
1 Concentrator Course Required		
Floriculture	.50	10-12
Optional Completer Course		
CTE Internship	.50	11-12

CTE does not discriminate based on race, color, national origin, gender, sexual orientation, or disabilities.

## ARCHITECTURE & CONSTRUCTION:

### Construction & Structural Systems

1 Explorer Course Required		
Course	Credits	Grades
Woods 1	.50	10-12
1 Concentrator Course Required		
Carpentry 1/Const Mg	1.25	10-12
Optional Completer Course		
Carpentry 2/Const Mg	1.25	11-12

### Interior Design

1 Explorer Course Required		
Course	Credits	Grades
Business Comm 1	.50	10-12
Digital Graphic Arts	.50	10-12
Interior Design	.50	9-12
Marketing	.50	10-12
1 Concentrator Course Required		
Interior Design 2	.50	10-12
Optional Completer Course		
Interior Design 3 (S2S)	.50	11-12
CTE Internship	.50	11-12

## ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS

### Broadcasting & Digital Media

1 Explorer Course Required		
Course	Credits	Grades
3D Animation	.50	9
Computer Science Prin	.50	10-12
Computer Programming1	.50	10-12
Digital Graphics Arts	.50	10-12
Video Game Design	.50	10-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Digital Media 1	.50	10-12
TV Broadcasting 1	.50	10-12
Video Production 1	.50	10-12
Optional Completer Course		
Digital Media 2MTECH	1.00	12
TV Broadcasting 2	.50	10-12
Video Production 2	.50	10-12
CTE Internship	.50	11-12

### Fashion Apparel & Textiles

1 Explorer Course Required		
Course	Credits	Grades
Digital Graphic Arts	.50	10-12
Fashion Design Studio	.50	9
Sports & Outdoor Sewing	.50	9
Sewing Construction 1	.50	9-12
1 Concentrator Course Required		
Sewing Construction 2	.50	10-12
Optional Completer Course		
CTE Internship	.50	11-12

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## BUSINESS, FINANCE & MARKETING

### Business Administration

1 Explorer Course Required		
Course	Credits	Grades
Accounting 1	.50	9-12
Business Comm 1/2	.50/.50	9-12
Digital Graphic Arts	.50	10-12
Entrepreneurship	.50	10-12
Leadership Princ	.50	10-12
Marketing 1	.50	10-12
Sports & Enter Marketing	.50	10-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Business Management	.50	10-12
Optional Completer Course		
CTE Internship	.50	11-12

### Business Information Mgmt

1 Explorer Course Required		
Course	Credits	Grades
Accounting 1	.50	9-12
Business Comm 1/2	.50/.50	9-12
Digital Graphic Arts	.50	10-12
Entrepreneurship	.50	10-12
Information Tech,Intro	.50	10-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Business Office Spec	.50	9-12
Digital Bus Application	.50	9
Optional Completer Course		
CTE Internship	.50	11-12

### Marketing

1 Explorer Course Required		
Course	Credits	Grades
Accounting 1	.50	9-12
Business Comm 1 /2	.50	9-12
Digital Graphic Arts	.50	10-12
Entrepreneurship	.50	10-12
Marketing 1	.50	10-12
Sports & Enter Marketing	.50	10-12
Web Development 1	.50	9-12
1 Concentrator Course Required		
Digital Marketing	.50	10-12
Retailing	.50	10-12
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



## INFORMATION TECHNOLOGY:

### Cybersecurity

1 Explorer Course Required			Grades
Computer Programming1	.50	10-12	
Computer Science Princ	.50	10-12	
Exploring Computer Sci	.50	9	
Info Technology Intro	.50	10-12	
Web Development 1	.50	9-12	
1 Concentrator Course Required			
Linux Fundamentals	.50	10-12	
Optional Completer Course			
Cyber Forensics	.50	10-12	
CTE Internship	.50	11-12	

### Information Technology Systems

1 Explorer Course Required			Grades
Computer Programming1	.50	10-12	
Computer Science Princ	.50	10-12	
Exploring Computer Sci	.50	9	
Info Technology Intro	.50	10-12	
Robotics Technology	.50	9	
Robotics 1	.50	10-12	
Web Development 1	.50	9-12	
1 Concentrator Course Required			
A+ Computer Maintenance & Repair	1.00	10-12	
Optional Completer Course			
CTE Internship	.50	11-12	

### Programming & Software Dvlpmnt

1 Explorer Course Required			Grades
AP Comp Science Prin	1.00	11-12	
Computer Programming1	.50	10-12	
Computer Science Princ	.50	10-12	
Exploring Computer Sci	.50	9	
Game Development	.50	10-12	
InformationTech, Intro	.50	10-12	
1 Concentrator Course Required			
Computer Programming2	.50	10-12	
Mobile Development Fundamentals (MTECH)	1.00	11-12	
Optional Completer Course			
Advanced Computer Programming (3)	1.00	11-12	
CTE Internship	.50	11-12	

### Web Development

1 Explorer Course Required			Grades
Computer Science Princ	.50	10-12	
Digital Graphic Arts	.50	10-12	
Entrepreneurship	.50	10-12	
Exploring Computer Sci	.50	9	
InformationTech, Intro	.50	10-12	
Web Development 1	.50	9-12	
1 Concentrator Course Required			
Web Development 2	.50	10-12	

### Optional Completer Course

CTE Internship	.50	11-12
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## EDUCATION & TRAINING:

### Early Childhood Education

1 Explorer Course Required			Grades
Child Development	.50	9-12	
Early Childhood Ed 1	.50	10-12	
Foods & Nutrition 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	11-12	

### Teaching as a Profession

1 Explorer Course Required			Grades
Business Comm 1	.50	10-12	
English 1010	1.00	11-12	
Human Dvlpmnt(UVU)	1.00	11-12	
Math 1050	1.00	11-12	
Teaching as a Profession1	.50	10-12	
1 Concentrator Course Required			
Teaching as a Profession2	.50	10-12	
Optional Completer Course			
Teaching as a Profession3	1.00	11-12	
CTE Internship	.50	11-12	

## ENGINEERING & TECHNOLOGY:

### Engineering

1 Explorer Course Required			Grades
Electronics	.50	10-12	
Engineering Technology	.50	9	
Engineering Principles	1.00	10-12	
Robotics Technology	.50	9	
Robotics 1	.50	10-12	
Woods 1	.50	10-12	
1 Concentrator Course Required			
Electronics 2	.50	10-12	
Robotics 2	.50	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			
Biotechnology	1.00	10-12	
Emer Medical Respon	.50	10-12	
Medical Terminology	.50	10-12	
Ex Sci/Sports Medicine	1.00	11-12	
Medical Forensics	1.00	10-12	
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

## HOSPITALITY & TOURISM:

### Culinary Arts

1 Explorer Course Required			Grades
Foods & Nutrition 1	.50	10-12	
Culinary Arts 1	1.00	10-12	
1 Concentrator Course Required			
Culinary Arts 2	1.00	11-12-	
Optional Completer Course			
CTE Internship	.50	11-12	

### Hospitality & Tourism

1 Explorer Course Required			Grades
Accounting 1	.50	10-12	
Business Comm 1	.50	10-12	
Culinary Arts 1	1.00	10-12	
Digital Graphic Arts	.50	10-12	
Entrepreneurship	.50	10-12	
Marketing 1	.50	10-12	
Web Development 1	.50	9-12	
1 Concentrator Course Required			
Event Planning & Mgmt	.50	10-12	
Optional Completer Course			
CTE Internship	.50	11-12	

## HUMAN SERVICES:

### Personal Care Services

1 Explorer Course Required			Grades
Accounting 1	.50	10-12	
Business Management	.50	10-12	
1 Concentrator Course Required			
Barbering/Cosmetol	2.00	11-12	
Basic Esthetician	2.00	11-12	
Nail Tech/Manicurist	2.00	11-12	
Optional Completer Course			
CTE Internship	.50	11-12	

## LAW, PUBLIC SAFETY, CORRECTIONS:

### Protective Services

1 Explorer Course Required			Grades
Criminal Justice (UVU)	1.00	11-12	
Law Enforcement	.50	10-12	
1 Concentrator Course Required			
Criminal Law (UVU)	1.00	11-12	
Optional Completer Course			
CTE Internship	.50	11-12	

## MANUFACTURING:

### Manufacturing & Production

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