



# American Fork High CTE Pathways 2020-2021

\*ALL PATHWAYS REQUIRE 3 CREDITS TO COMPLETE

## AGRICULTURE:

### Agricultural Mechanics Systems

1 Explorer Course Required		
	Grades	
Ag Systems Tech 1	1.00	9-12
Business Comm 1/2	.50/.50	10-12
Environ Science AP *	1.00	11-12
Leadership Princ. *	.50	10-12
1 Concentrator Course Required		
Ag Systems Tech 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		
	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		
	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		
	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

## ARCHITECTURE & CONSTRUCTION:

### Construction & Structural Systems

1 Explorer Course Required		
	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		
	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		
	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	1.00	10-12
Video Production 1	.50	10-12
Optional Completer Course		
Digital Media 2MTECH	1.00	12
TV Broadcasting 2	1.00	10-12
Video Production 2 *	.50	10-12
CTE Internship	.50	11-12

### Fashion Apparel & Textiles

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

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## BUSINESS, FINANCE & MARKETING

### Business Administration

1 Explorer Course Required		
	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		
	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		
	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 (Cave Crew)	.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 Programming <sup>1</sup>	.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 Programming <sup>1</sup>	.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 Programming <sup>1</sup>	.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 Programming <sup>2</sup>	.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		
Web Development 3	.50	10-12
CTE Internship	.50	11-12

## 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 Profession <sup>1</sup>	.50	10-12
1 Concentrator Course Required		
Teaching as a Profession <sup>2</sup>	.50	10-12
Optional Completer Course		
Teaching as a Profession <sup>3</sup>	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
Exercise Science / 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 (Cave Crew)	.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		
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

## 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

\* Concurrent Enrollment Course 8/20