

**CAREER CLUSTER: AGRICULTURE, FOOD & NATURAL RESOURCES 2020-2021**

<b>AGRICULTURAL MECHANICS SYSTEMS</b>	<b>ANIMAL &amp; VETERINARY SCIENCE</b>
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
Ag Mechanics 1 – 1.0	Animal Science 1 – 1.0
Biology Ag Science – 1.0	Aquaculture 2 – 1.0
Business Communications 1 - 0.50	Biology Ag Science – 1.0
Business Communications 2 - 0.50	Business Communications 1 - 0.50
	Business Communications 2 - 0.50
	CAPS Environment & Agriculture – 1.0
	Equine Science – 1.0
	Veterinary Science – 1.0
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Ag Mechanics 2 – 1.0	Animal Science 2 – 1.0
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
Ag Mechanics 3 – 1.0	CTE Internship – 0.50
CAPS Environment & Agriculture – 1.0	
CTE Internship – 0.50	
MTEC Welding – 1.0	

**CAREER CLUSTER: AGRICULTURE, FOOD & NATURAL RESOURCES 2020-2021**

<b>FOOD SCIENCE, DIETETICS &amp; NUTRITION</b>	<b>PLANT SCIENCE</b>
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
Food & Nutrition 1 – 0.50	Biology Ag Science – 1.0
Medical Anatomy & Physiology – 1.0	Business Communications 1 – 0.50
	Business Communications 2 – 0.50
	*Plant & Soil Science – 1.0
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Food & Nutrition 2 – 0.50	Floriculture/Greenhouse – 1.0
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
CTE Internship – 0.50	CAPS Environment & Agriculture – 1.0
Nutrition Foundations CE/Nutrition 1020 – 1.0	CTE Internship – 0.50
	Summer Ag Program – 0.25
	*Offered every other year

## CAREER CLUSTER: ARCHITECTURE & CONSTRUCTION 2020-2021

ARCHITECTURAL DESIGN (CAD)	INTERIOR DESIGN
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
Arch Design 1 – 0.50	Arch Design 1 – 0.50
Bldg Construction – 1.0	Business Communications 1 – 0.50
	Business Communications 2 – 0.50
	Digital Graphic Arts Intro – 0.50
	Interior Design 1 – 0.50
	Marketing – 0.50
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Adv CAD – 0.50	Interior Design 2 – 0.50
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
Adv ARCH Design 3 -	Adv CAD – 0.50
CAPS Engineer & Industrial Design – 1.0	CTE Internship – 0.50
CTE Internship – 0.50	

## CAREER CLUSTER: ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS 2020-2021

BROADCASTING & DIGITAL MEDIA	GRAPHIC DESIGN & COMMUNICATION
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
3D Graphic/Animation – 1.0	Commercial Art/Graphic Communications – 1.0
Comp Programming 1 – 1.0	Graphic Design 1 – 0.50
Graphic Design 1 – 0.50	Graphic Design 2 – 1.0
TV & Film Intro – 0.50	Graphic Design 3 – 1.0
	Graphic Design Prod – 1.0
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Digital Media 1 – 0.50	Digital Photo 1 – 0.50
TV Broadcasting News – 1.0	
TV Production – 1.0	
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
CAPS Digital Design & Software – 1.0	CAPS Digital Design & Software – 1.0
CTE Internship – 0.50	CTE Internship – 0.50
Digital Media 2 – 0.50	Photo Digital 2 – 0.50
Digital Media 3 – 0.50	Photography Digital – 0.50

### CAREER CLUSTER: BUSINESS FINANCE & MARKETING 2020-2021

ACCOUNTING & FINANCE	BUSINESS INFORMATION MANAGEMENT	MARKETING
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
Accounting 1 – 0.50	Accounting 1 – 0.50	Accounting 1 – 0.50
Business Communications 1 - 0.50	Business Communications 1 – 0.50	Business Communications 1 – 0.50
Business Communications 2 - 0.50	Business Communications 2 - 0.50	Business Communications 2 – 0.50
Economics CE – 1.0	Economics CE – 1.0	Graphic Design 1 – 0.50
Entrepreneurship – 0.50	Entrepreneurship – 0.50	Economics CE – 1.0
Marketing – 0.50		Entrepreneurship – 0.50
Sports Marketing – 0.50		Marketing – 0.50
		Sports Marketing – 0.50
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Accounting 2 – 0.50	Business Office Pro – 0.50	Digital Marketing – 0.50
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
CAPS Business, Marketing, Ent - 1.0	CAPS Business, Marketing, Ent - 1.0	CAPS Business, Marketing, Ent - 1.0
CTE Internship – 0.50	CTE Internship – 0.50	CTE Internship – 0.50

### CAREER CLUSTER: COMPUTER SCIENCE & INFORMATION TECHNOLOGY 2020-2021

PROGRAMMING & SOFTWARE DEVELOPMENT	INFORMATION TECHNOLOGY SYSTEMS
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
Computer Programming 1 – 1.0	Computer Programming 1 – 1.0
Computer Science Exp – 0.50	Computer Science Exp – 0.50
	Intro to Servers & Networks – 0.50
	Robotics & Automation – 0.50
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Computer Programming 2 – 1.0	A+ Computer Repair – 0.50
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
CAPS Digital Design & Software – 1.0	CTE Internship – 0.50
CTE Internship – 0.50	MTEC Computer Technician – 1.0
MTEC Web Prog & Dev – 1.0	

## CAREER CLUSTER: EDUCATION & TRAINING 2020-2021

<b>K-12: TEACHING AS A PROFESSION</b>
<b>Explorer Courses:</b> Choose one or more of the following courses.
Business Communications 1 – 0.50
Business Communications 2 – 0.50
English 1010 – 1.0
Math 1050 CE – 1.0
Teaching as a Profession 1 – 1.0
<b>Concentrator Courses:</b>
Teaching as a Profession 2 – 1.0
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
Teaching as a Profession 3 /EDUC 1010 – 1.0
CTE Internship – 0.50

## CAREER CLUSTER: ENGINEERING & TECHNOLOGY 2020-2021

ENGINEERING	MECHANICAL DESIGN (CAD)
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
Arch Design CE – 0.50	Intro to Eng & Tech Design – 0.50
Engineering 1 – 0.50	MTEC Welding – 0.50
Intro to Eng & Tech Design – 0.50	Woodworking 1 – 0.50
MTEC Welding – 0.50	
Robotics & Automation – 0.50	
Tech Design 2 – 1.0	
Woodworking 1 – 0.50	
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Engineering 2 – 0.50	Tech Design 2 CE – 1.0
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
CAPS Engineer & Industrial Design – 1.0	CAPS Engineer & Industrial Design – 1.0
CTE Internship - 0.50	Adv CAD CE – 1.0
	Tech Design 3 – 1.0
	CTE Internship – 0.50

**CAREER CLUSTER: HEALTH SCIENCE 2020-2021**

<b>HEALTH SCIENCE</b>
<b>Explorer Courses:</b> Choose one or more of the following courses.
Intro to Health Science – 0.50
Med Anatomy & Phys – 1.0
Medical Terminology – 0.50
<b>Concentrator Courses:</b>
Biotechnology CE – 1.0
CAPS Medicine & Health – 1.0
Exercise Sci/Sports Medicine – 0.50
MTEC Dental Assistant – 1.0
MTEC Medical Assistant – 1.0
MTEC Nurse Assistant – 1.0
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
CTE Internship – 0.50

**CAREER CLUSTER: HOSPITALITY & TOURISM 2020-2021**

CULINARY ARTS	HOSPITALITY & TOURISM
<b>Explorer Courses:</b> Choose one or more of the following courses.	<b>Explorer Courses:</b> Choose one or more of the following courses.
Food & Nutrition 1 – 0.50	Accounting 1 – 0.50
Food & Nutrition 2 – 0.50	Business Communications 1 – 0.50
Culinary Management/Pro Start 1 CE – 1.0	Culinary Management/Pro Start 1 – 1.0
	Economics CE – 0.50
	Entrepreneurship – 0.50
	Marketing – 0.50
<b>Concentrator Courses:</b>	<b>Concentrator Courses:</b>
Culinary Arts/Pro Start 2 CE – 1.0	Hospitality & Tourism – 0.50
<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.	<b>Completer Courses:</b> To be a completer you must earn 3.0 credits in this pathway.
CTE Internship – 0.50	CAPS Business, Marketing, Ent – 1.0
	CTE Internship - 0.50

## CAREER CLUSTER: HUMAN SERVICES 2020-2021

### PERSONAL CARE SERVICES

**Explorer Courses:** Choose one or more of the following courses.

Accounting 1 – 0.50

**Concentrator Courses:**

\*Barbering – 2.0

\*Cosmetology – 2.0

\*Nail Tech – 2.0

**Completer Courses:** To be a completer you must earn 3.0 credits in this pathway.

CTE Internship – 0.50

\*Classes must be taken at an accredited Cosmetology School

## CAREER CLUSTER: MANUFACTURING 2020-2021

### MANUFACTURING & PRODUCTION

**Explorer Courses:** Choose one or more of the following courses.

Intro to Eng & Tech Design – 0.50

Woods 1 – 0.50

**Concentrator Courses:**

Woods 2 Furniture Design/Mfg CE – 1.0

**Completer Courses:** To be a completer you must earn 3.0 credits in this pathway.

Cabinetry – 1.0

CTE Internship – 0.50

Woods 3 Furniture Design/Mfg CE – 1.0

### WELDING & MACHINING

**Explorer Courses:** Choose one or more of the following courses.

Ag Mechanics 1 – 1.0

Ag Mechanics 2 – 1.0

**Concentrator Courses:**

MTECH Welding - 1.0

**Completer Courses:** To be a completer you must earn 3.0 credits in this pathway.

CTE Internship – 0.50

## CAREER CLUSTER: TRANSPORTATION, DISTRIBUTION & LOGISTICS 2020-2021

### AUTO MECHANICS & REPAIRS

**Explorer Courses:** Choose one or more of the following courses.

UVU Auto Tech – 1.0

**Concentrator Courses:**

UVU ADV Auto Tech – 1.0

**Completer Courses:** To be a completer you must earn 3.0 credits in this pathway.

CTE Internship – 0.50

MTEC Welding – 1.0

