



2019-2020

**BUSINESS & MARKETING:**

**Entrepreneurship**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credits required	Intended grades
Business law (ES Online)	.50	10-12
Entrepreneurship	.50	10-12
Electives	2 Credits required	
Accounting I (ES Online)	.50	10-12
Business Comm I	.50	10-12
Digital Bus Apps	.50	10-12
Leadership Principles	.50	11-12
Marketing	.50	10-12
Sports Marketing	.50	10-12
Web Development 1/2	.50	10-12
Workplace Skills	.50	11-12

**Marketing & Sales**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Digital Marketing	.50	10-12
Marketing 1 & 2	.50&.50	10-12
Electives	2 Credits Required	
Leadership Principles	.50	11-12
Retailing	.50	10-12
Sports Marketing	.50	10-12
Workplace Skills	.50	11-12

**Office/Admin & Tech Support**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 credit required	
Business Comm 1	.50/1.00	10-12
Bus Office Specialist	.50	10-12
Digital Bus Apps	.50	10-12
Digital Marketing	.50	10-12
Electives	2 Credits required	
A+ Computer Maint	.50	10-12
Accounting 1 (ES Online)	.50	10-12
Comp Science Prin	1.00	10-12
Digital Media/Graphic Arts	.50	10-12
Web Development 1 / 2	.50	10-12
Workplace Skills	.50	11-12

**ENGINEERING & TECHNOLOGY:**

**Electrical Engineering**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	
Engineering Principles	1.00	10-12
Electronics 1	.50	10-12
Electronics 2	.50	10-12
Electives	1 Credit required	
Engineering Tech	.50	9
Physics w/ Tech	1.00	10-12
Workplace Skills	.50	11-12

**Mechanical Engineering**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credits required	
Engineering Principles	1.00	10-12
CAD Mechanical (S2S)	1.00	10-12
Electives	2 Credits required	
Engineering Tech	.50	9
Physics w/ Tech	1.00	10-12
Workplace Skills	.50	11-12

**Robotics & Electronics**

Course Description	2 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Robotics 1& 2	1.00	10-12
Electives	1 Credit Required	
Comp Programming 1 / 2	1.00	10-12
Electronics	.50	10-12
Engineering Tech	.50	10-12
Physics w/ Tech	1.00	10-12
Workplace Skills	.50	11-12

**FAMILY & CONSUMER SCIENCES:**

**Culinary Arts**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Culinary Arts	1.00	11-12
Culinary Management	1.00	11-12
Electives	2 Credits Required	
Foods & Nutrition 1	.50	9-12
Foods & Nutrition 2	.50	10-12
Found of Nutrition UVU 1020	.50	11-12
Entrepreneurship	.50	10-12
Workplace Skills	.50	11-12

**Fashion, Apparel & Textiles**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Fashion Design Studio	.50	10-12
Designer Sewing 2	.50	10-12
Choose 1	.50 Credits Required	
Designer Sewing 1	.50	10-12
Sports Sewing 1	.50	10-12
Electives	1.5 Credits Required	
Accounting I (ES Online)	.50	10-12
Entrepreneurship	.50	10-12
Fashion Design Merch S2S	.50	10-12
Workplace Skills	.50	11-12

**Interior Design**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Interior Design 1	.50	10-12
Interior Design 2*	.50	10-12
Electives	2 credits required	
Business Office Spec	.50	10-12
Designer Sewing 1	.50	10-12
Designer Sewing 2	.50	10-12
Entrepreneurship	.50	10-12
Furniture Design*	1.00	10-12
Interior Design 3 S2S	.50	10-12
Workplace Skills	.50	11-12

**Pre-K: Early Childhood Education**

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
Child Development	.50	10-12
Early Childhood Ed 1 *	.50	10-12
Early Childhood Ed 2*	.50	11-12
Electives	1.5 Credits required	
Accounting 1 (ES Online)	.50	10-12
Early Childhood 3*	.50	11-12
Entrepreneurship	.50	10-12
Foods 1	.50	9-12
Found of Nutrition UVU 1020	1.00	11-12
Workplace Skills	.50	11-12

**K-12: Teaching as a Profession**

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
Teaching as a Profession 1	.50	10-12
Teaching as a Profession 2	.50	10-12
Teach as a Prof 3 (2021)	.50	11-12
Electives	1.5 credits required	
Business Comm 1	.50	10-12
Bus Office Specialist	.50	9-12
English 1010 CE	1.00	11-12
Math 1050 CE	1.00	11-12
Psychology	.50	10-12
Workplace Skills	.50	11-12

\*Courses can be taken up to 1 credit

**AFHS Career Pathways**

**CTE Specialist: Alexa Webb**

*alexawebb@alpinedistrict.org*

**AGRICULTURE:**

**Agricultural Mechanics Systems**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 credits required	Intended grades
Ag Systems Tech 1	1.00	10-12
Ag Systems Tech 2	1.00	10-12
Electives	1 credit required	
Ag Mechanics Adv.	1.00	11-12
Business Comm 1	.50	10-12
Summer Ag Program	.50	9-12
Welding Technician	1.00	MTECH 11-12
Leadership Principle	.50	11-12
Workplace Skills	.50	11-12

**Agricultural Production Systems**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Animal Science 1	1.00	10-12
Plant & Soil Science	1.00	10-12
Electives	1 Credit Required	
Business Comm 1	.50	10-12
Summer Ag Program	.50	9-12
Leadership Principles	.50	11-12
Workplace Skills	.50	11-12

**Veterinary & Animal Science**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 credits required	Intended grades
Animal Science 1	1.00	10-12
Vet Assistant 1	1.00	11-12
Electives	1 credit required	
Business Comm 1	.50	10-12
Summer Ag PProgram	.50	9-12
Leadership Principles	.50	11-12
Workplace Skills	.50	11-12

**Plant Science**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Floriculture	.50	10-12
Greenhouse (S2S)	.50	10-12
Plant & Soil science	1.00	10-12
Electives	1 Credit required	
Business Comm 1	.50	10-12
Leadership Principles	.50	11-12
Summer Ag Program	.50	9-12
Workplace skills	.50	11-12

**Food Science, Dietetics & Nutrition**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Foods 1	.50	10-12
Found of Nutrition UVU 1020	.50 /1.0	11-12
Electives	2 Credits required	
Foods 2	.50	9-12
Med Anatomy & Physiology	1.00	10-12
Workplace Skills	.50	11-12

**HEALTH SCIENCE:**

**Biotechnology**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Biotechnology	1.00	10-12
Electives	2 credits required	
Health Science intro	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace skills	.50	11-12

**Dental (MTECH)**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Dental	2.00	MTECH 12
Electives	1 Credit Required	
Foods 1	.50	9-12
Foods 2	.50	10-12
Found of Nutrition UVU 1020	1.00	11-12
Intro. to Health Science	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

**Emergency Medical Tech (MTECH)**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
ER Medical Tech	2.00	MTECH 12
Electives	1 Credit Required	
ER Med Responder	.50	10-12
Health Science Intro	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

**Exercise Science/Sports Medicine**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Ex Science/Sports med.	1.00	11-12
Electives	2 Credits Required	
Emerg Med Responder	.50	10-12
Health Science Intro	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

**Medical Assistant (MTECH)**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Medical Assistant	2.00	MTECH 12
Electives	1 Credit Required	
ER Med Responder	.50	10-12
Health Science Intro	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

**Medical Forensics**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credits required	Intended grades
Medical Forensics	1.00	10-12
Electives	2 Credit Required	
Health Science Intro	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

**American Fork Pathways 2019-20**

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



**Nursing (MTECH)**

Course Description	3 credits total	Planning Guide
Foundation Courses	.50 Credits required	Intended grades
Nurse Assist (CNA)	1.00	MTECH 11-12
Electives	2.5 Credits Required	
ER Med Responder	.50	10-12
Foods 1	.50	9-12
Foods 2	.50	10-12
Found of Nutrition UVU 1020	.50	10-12
Health Science Intro	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

**Pharmacy Technician (MTECH)**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Pharmacy Technician	2.00	MTECH 12
Electives	1 Credit Required	
Health Science Intro	.50	10-12
Med Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

**INFORMATION TECHNOLOGY:**

**Digital Media**

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Digital Media 1/ Graphic Arts Intro.	.50/.50	10-12
Digital Media 2	1.00	MTECH 12
Electives	1 Credit Required	
Digital Marketing	.50	10-12
Entrepreneurship	.50	10-12
Intro. To Info. Tech	.50	10-12
Video Game Design	.50	10-12
Web Development	.50	10-12
Workplace Skills	.50	11-12

**Information Technology Systems**

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
A+ (Computer Maint)	1.00	11-12
Security Fundamentals	.50	11-12
Electives	1.5 Credit Required	
Intro to Info tech	.50	10-12
Linux Fundamentals	.50	10-12
Workplace Skills	.50	11-12

**Web Development & Administration**

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
Web Development 1	.50	10-12
Web Development 2	.50	10-12
Web Development 3	.50	11-12
Electives	1.5 Credits Required	
Digital marketing	.50	10-12
Entrepreneurship	.50	10-12
Intro to info Tech	.50	10-12
Workplace Skills	.50	11-12

**Programming/Software Development**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
AP Comp Science Principles	1.00	10-12
Computer program 1	.50	10-12
Choose 1:	1 credit required	
Computer Program 2	.50	10-12
Computer program 3	1.00	11-12
Electives	1 Credit Required	
Entrepreneurship	.50	10-12
Ex Computer Science	.50	10-12
Intro to Info Tech	.50	10-12
Workplace Skills	.50	11-12

**SKILLED & TECHNICAL SCIENCES:**

**Audio/Visual Production Professional**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Video Production 1	.50	10-12
Video Production 2	.50	10-12
Electives	2 credits required	
Adv. Comm. Photo*	.50	10-12
Basic Photo	.50	10-12
Computer Program 1	1.00	10-12
Digital Media	.50	11-12
Electronics	.50	10-12
Workplace Skills	.50	11-12

\*courses can be taken up to 1 credit

**Automotive Service Technician**

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
Intro. to Automotive	.50	MTECH 12
Various auto classes**	1.00	MTECH 12
Electives	1.5 Credits Required	
Accounting ES Online	.50	10-12
Electronics 1	.50	10-12
Entrepreneurship	.50	10-12
Workplace skills	.50	11-12

\*\*courses can be taken for 1-2 credits

**Broadcasting Professional**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Tv Broadcasting 1*	.50	10-12
Tv Broadcasting 2 "The Cave"	1.00	10-12
Electives	2 credits required	
Accounting 1 (ES Online)	.50	10-12
Computer Program 1	1.00	10-12
Digital Media	.50	10-12
Electronics	.50	10-12
Workplace Skills	.50	11-12

**Cabinetmaking/Millwork**

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
CabinetMaking	1.00	10-12
Furniture design *	.50/1.00	10-12
Woodworking*	.50/1.00	10-12
Electives	1.5 Credit Required	
Entrepreneurship	.50	10-12
Workplace Skills	.50	11-12

**Commercial Art**

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
Comm & Advertising Art	.50	10-12
Digital Graphic Arts	.50	10-12
Fine Art Elective	.50	9-12
Electives	1.5 Credit required	
Accounting 1 (ES Online)	.50	10-12
Digital Photography	.50	10-12
Digital Media 1	.50	10-12
Entrepreneurship	.50	10-12
Workplace Skills	.50	11-12

**Commercial Photography**

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Basic Digital Photo*	.50	10-12
Adv. Com Photo* (photo 2)	.50	10-12
Electives	2 Credits Required	
Comm & Advertising Art*	.50	10-12
Digital Media 1/Graphic Arts	.50/.50	11-12
TV Broadcasting 1*	.50	10-12
Video Production 1*	.50	10-12
Workplace Skills	.50	11-12

Foundation courses taken beyond required credits can be used as elective credits