



2019-2020

Westlake High School Career Pathways

CTE Specialist: Laura Giles
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Agricultural:

Agricultural Mechanics Systems

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Ag Mechanics 1	1.00	10-12
Ag Mechanics 2	1.00	10-12
Electives	1 Credit required	
Business Com 1 & 2	.50 each class	10-12
Bio Agriculture	1.00	9-12
Summer Ag Program	.50	9-12
Workplace Skills	.50	11-12

Agricultural Production Systems

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 credits required	Intended grades
Animal Science 1	1.00	10-12
Plant & Soil Science	.50	10-12
Electives	1.5 credit required	
Business Com 1 & 2	.50 each class	10-12
Bio Agriculture	1.00	9-12
Summer Ag Program	.50	9-12
Workplace Skills	.50	11-12

Food Science, Dietetics & Nutrition

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credit Required	Intended grades
Foods 1	.50	9-12
Foundations of Nutrition (UVU Distance Ed)	1.00	UVU 11-12
Electives	1.5 Credits Required	
Foods 2	.50	10-12
Human Development (UVU 1020 Distance Ed)	1.00	UVU 10-12
Medical Anatomy & Physiology	1.00	10-12
Workplace Skills	.50	11-12

Animal & Veterinary 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	
Bio Ag Science	1.00	9-12
Business Com 1 & 2	.50 each class	10-12
Equine (Horse) Science	.50	10-12
Summer Ag Program	.50	9-12
Workplace Skills	.50	11-12

Plant Science

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits	Intended grades
Floriculture (Floral Design)	.50	10-12
Greenhouse or Landscape Management	1.00	11-12
Plant & Soil Science	.50	10-12
Electives	1 Credit	
Bio Ag Science	1.00	9-12
Business Com 1 & 2	.50 each class	10-12
Summer Ag Program	.50	9-12
Workplace Skills	.50	11-12

Business & Marketing:

Accounting

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Accounting 1	.50	10-12
Accounting 2	.50	10-12
Electives	2 Credits Required	
Business Com 1 & 2	.50 each class	10-12
Economics	.50	10-12
Bus Office Specialist	.50	Jr. High-9
Ex Bus & Marketing	.50	Jr. High-9
Retailing	.50	10-12
Workplace Skills	.50	11-12

Entrepreneurship

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Business Mgmt - Leadership (MGMT 1250) UVU	1.00	UVU 11-12
Entrepreneurship	.50	10-12
Accounting 1	.50	10-12
Electives	2 Credits required	
Business Com 1 & 2	.50 each class	10-12
Exploring Bus & Marketing	.50	Jr. High-9
Digital Business Apps	.50	10-12
Sports Marketing	.50	10-12
Web Development 1	.50	9-12
Web Development 2	.50	10-12
Workplace Skills	.50	11-12

Office/Admin. & Tech Support

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credits required	Intended grades
Business Com 1	.50	10-12
Digital Business Apps	.50	10-12
Business Office Specialist	.50	Jr. High 9
Electives	2 Credits required	
Accounting 1	.50	10-12
Business Com 2	.50	10-12
Exploring Bus & Marketing	.50	Jr. High 9
Web Development 1	.50	9-12
Web Development 2	.50	10-12
Workplace Skills	.50	11-12

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

WESTLAKE PATHWAYS 2019-20

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

Family & Consumer Science:

Culinary Arts

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Prostart 1 & 2	2.00	11-12
OR Culinary Arts	2.00	MTECH 11-12
Electives	1 Credit Required	
Foods 1	.50	9-12
Foods 2	.50	10-12
Found of Nutrition 1020 (UVU Distance Ed)	1.0	UVU 11-12
Entrepreneurship	.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	9-12
Early Childhood Ed 1	1.00	10-12
Electives	1.5 Credits Required	
Accounting 1	.50	10-12
Adult Roles	.50	11-12
Entrepreneurship	.50	10-12
Foods 1	.50	9-12
Early Childhood Ed 2	.50	10-12
Foundation of Nutrition (UVU Dist Ed- NUTR 1020)	1.0	UVU 11-12
Human Development (UVU Dist Ed - PSY 1100)	1.00	UVU 10-12
Workplace Skills/Internship	.50	11-12

Fashion, Apparel & Textiles

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
Fashion Design Studio	.50	10-12
Apparel or Sports Sewing 1	.50	9-12
Apparel or Sports Sewing 2	.50	10-12
Electives	1.5 Credits Required	
Accounting 1	.50	10-12
Entrepreneurship	.50	10-12
Screen Printing	.50	10-12
Textile Design (Designer Sewing 3)	.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	9-12
Interior Design 2	.50	10-12
Electives	2 credits required	
Bus Mgmt - Leadership (MGMT 1250) UVU	1.00	UVU 10-12
Bus Office Specialist	.50	Jr. High 9
Apparel Sports Sewing 1	.50	9-12
Apparel or Sports Sewing 2	.50	10-12
CAD Mechanical	.50	10-12
Design & Visual Com	.50	10-12
Entrepreneurship	.50	10-12
Furniture Design	1.00	10-12
Textile Design (Designer Sewing 3)	.50	11-12
Workplace Skills	.50	11-12

Information Technology:

Programming/Software Development

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Computer Prog 1 & 2 CE	.50 each class	10-12
Computer Program 3 CE	1.00	10-12
Electives	1 Credit Required	
Entrepreneurship	.50	10-12
Ex Computer Science	.50	9-12
Gaming Dev Fundamentals	.50	10-12
Mobile Dev. Fund.	.50	10-12
Workplace Skills	.50	11-12

Web Development

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Web Development 1	.50	9-12
Web Development 2	.50	10-12
Web Development 3	1.00	11-12
Electives	1 Credit Required	
Entrepreneurship	.50	10-12
Gaming Dev Fundamentals	.50	10-12
Mobile Dev Fundamentals	.50	10-12
Workplace Skills	.50	11-12

Health Science:

Emergency Medical Services (MTECH)

OR

Medical Assistant (MTECH)

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

Nursing (MTECH)

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Nurse Asst. (CNA)	1.00	MTECH 11-12
Electives	2 Credits Required	
Emerg Medical Responde	.50	10-12
Foods 1	.50	9-12
Foods 2	.50	10-12
Found of Nutrition (UVU 1020 Dist Ed)	1.00	UVU 11-12
Health Science Intro	.50	10-12
Human Development (UVU Dist Ed - PSY 1100)	1.00	UVU 11-12
Med Anatomy & Phys	1.00	10-12
Medical Terminology	.50	10-12
Workplace Skills	.50	11-12

Dental Assistant (MTECH)

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

Skilled & Technical Science:

Audio/Visual Professional

Course Description	3 credits total	Planning Guide
Foundation Courses	1.5 Credits required	Intended grades
Video Production 1	.50	10-12
Video Production 2	1.00	10-12
Electives	1.5 Credit Required	
Digital Photo 1	.50	10-12
Advanced Digital Photo (2)	.50	10-12
Computer Programming 1	1.00	10-12
Workplace Skills	.50	11-12

Commercial Art

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Comm & Adv. Art	.50	10-12
Design & Visual Com	.50	11-12
Industrial Design	.50	10-12
Electives	2 Credits required	
Accounting 1	.50	10-12
Digital Photo 1	1.0	10-12
Entrepreneurship	.50	10-12
Screenprinting	.50	10-12
Workplace Skills	.50	10-12

Digital Media (MTECH)

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Digital Media	2.0	MTECH 11-12
Electives	1 Credit Required	
Entrepreneurship	.50	10-12
Gaming Dev Fundamentals	.50	10-12
Web Development 1	.50	9-12
Workplace Skills	.50	11-12

Commercial Photography

Course Description	3 credits total	Planning Guide
Foundation Courses	1 Credit required	Intended grades
Basic Digital Photo 1	.50	10-12
Adv. Comm Photo (Photo 2)	.50	11-12
Electives	2 Credits required	
Comm & Adv. Art	.50	10-12
TV Broadcasting 1	1.0	10-12
Video Production 1	.50	10-12
Workplace Skills	.50	11-12

TV Broadcasting Professional

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
TV Broadcasting 1	1.00	10-12
TV Broadcasting 2 (Thundervision)	1.00	10-12
Electives	1 credit required	
Accounting 1	.50	10-12
Basic Digital Photo	.50	10-12
Computer Program 1 CE	1.00	10-12
Workplace Skills	.50	11-12

Cabinetmaking/Millwork

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Cabinet Making	1.00	10-12
Furniture Design	1.00	10-12
Electives	1 Credit Required	
Woodworking	.50	10-12
CAD Mech Design 1	.50	10-12
Industrial Design	.50	10-12
Entrepreneurship	.50	10-12
Workplace Skills	.50	11-12

Cosmetology (MTECH)

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Cosmetology	2.00	MTECH/PRIVATE 12
Electives	1 Credit Required	
Accounting 1	.50	10-12
Accounting 2	.50	10-12
Entrepreneurship	.50	10-12
Workplace Skills	.50	11-12

Diesel OR Auto Service Technician

Course Description	3 credits total	Planning Guide
Foundation Courses	2 credits required	Intended grades
Diesel	2.00	MTECH 12
OR Automotive Service Tech	2.00	MTECH 12
Electives	1 credit required	
Accounting 1	.50	10-12
Entrepreneurship	.50	10-12
Workplace Skills	.50	11-12

Welding (MTECH)

Course Description	3 credits total	Planning Guide
Foundation Courses	2 Credits required	Intended grades
Welding Technician	2.00	MTECH 11-12
Electives	1 credit required	
CAD Mechanical	.50	10-12
Physics w/ Tech	1.00	10-12
Workplace Skills	.50	11-12