2020 - 2021

Westlake High School
CTE Career Pathways

CTE Specialist: Laura Giles
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3 credits are required to complete a CTE Pathway

Agriculture, Foods & Natural Resources

Agricultural Mechanics Systems		
Required Concentrator Course		Grades
Ag Systems Technology 2	1.00	11-12
Explorer Courses		
Ag Systems Technology 1	1.00	10-12
Bio Agriculture	1.00	9-12
Business Communication 1	.50	10-12
Business Communication 2	.50	10-12
Leadership Principles 1	.50	10-12
Optional Completer Course		
CTE Internship	.50	11-12

Animal & Veterinary Science		
Required Concentrator Course		Grades
Animal Science 2	1.00	11-12
Explorer Courses		
Animal Science 1	1.00	11-12
Bio Agriculture	1.00	9-12
Business Communication 1	.50	10-12
Business Communication 2	.50	10-12
Equine Science	.50	10-12
Leadership Principles 1	.50	10-12
Veterinary Assistant 1	1.00	10-12
Optional Completer Course		
CTE Internship	.50	11-12

Plant Science		
Required Concentrator Course		Grades
Floral Design (Floriculture)	.50	10-12
Explorer Courses		
Bio Agriculture	1.00	9-12
Business Communication 1	.50	10-12
Business Communication 2	.50	10-12
Leadership Principles 1	.50	10-12
Plant & Soil Science 1	.50	10-12
Optional Completer Course		
Greenhouse/Landscape	1.00	10-12
CTE Internship	.50	11-12

Food Science, Dietetics & Nutrition		
Required Concentrator Course		Grades
Foods 2	.50	10-12
Explorer Courses		
Foods 1	.50	9-12
Medical Anatomy & Phys CE	1.00	11-12
Human Dev UVU PSY 1100	1.00	11-12
Optional Completer Course		
Foundations of Nutrition (UVU 1020)	1.00	11-12
CTE Internship	.50	11-12

Architecture & Construction

Interior Design		
Required Concentrator Course		Grades
Interior Design 2	.50	10-12
Explorer Courses		Grades
Interior Design 1	.50	9-12
Business Comm 1	.50	10-12
Digital Graphic Arts	.50	10-12
Entrepreneurship	.50	10-12
Opt. Completer Course		
Interior Design 3	.50	11-12
Sewing 3	.50	10-12
CTE Internship	.50	11-12

Talk to Mrs. Holt about these classes

Construction & Structural Systems		
Required Concentrator Course		Grades
Carpentry 1	2.00	11-12
Required Completer Course		
Carpentry 2	2.00	11-12

Arts, Audio/Visual Technology & Digital Media

Broadcasting & Digital Media		
1 Required Concentrator Course		Grades
TV Broadcasting 1	.50	10-12
Video Production 1	.50	10-12
Digital Media (MTECH)	1.00	11-12
Explorer Courses		
Computer Programming 1	1.00	10-12
Digital Graphic Arts	.50	10-12
Game Development 1	.50	10-12
Web Development 1	.50	9-12
Optional Completer Course		
TV Broadcasting 2	1.00	10-12
Video Production 2	1.00	10-12
CTE Internship	.50	11-12

Graphic Design & Communications		
Required Concentrator Course		Grades
Commercial/Advertising Art	.50	10-12
Digital Photo 1	.50	10-12
Explorer Courses		
Design & Visual Comm	.50	10-12
Digital Graphics Arts Intro	.50	10-12
Entrepreneurship	.50	10-12
Optional Completer Course		
Industrial Design	.50	10-12
Digital Photo 2	.50	10-12
CTE Internship	.50	11-12

Fashion Apparel & Textiles		
1 Required Concentrator Course		Grades
Sewing 2	.50	10-12
Sports Sewing 2	.50	10-12
Explorer Courses		
Digital Graphic Arts	.50	10-12
Fashion Design Studio	.50	9-12
Sewing 1 or Sports Sewing 1	.50	9-12
Entrepreneurship	.50	10-12
Optional Completer Course		
CTE Internship	.50	11-12
Sewing 3	.50	10-12

Talk to Mrs. Holt about this class

Business, Finance & Marketing

Accounting		
Required Concentrator Course		Grades
Accounting 2	.50	10-12
Explorer Courses		
Accounting 1	.50	10-12
Business Communication 1	.50	10-12
Business Communication 2	.50	10-12
Economics	.50	10-12
Entrepreneurship	.50	10-12
Sports Marketing	.50	10-12
Web Development 1	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

Business Information Management		
1 Required Concentrator Course		Grades
Business Office Specialist	.50	9
Digital Business Apps	.50	9-12
Explorer Courses		
Accounting 1	.50	10-12
Business Communication 1	.50	10-12
Business Communication 2	.50	10-12
Business Law (East Shore)	.50	10-12
Intro to IT Info Technology	.50	9-12
Digital Graphic Arts	.50	10-12
Economics	.50	10-12
Entrepreneurship	.50	10-12
Web Development 1	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

Business Administration		
1 Required Concentrator Course		Grades
Business Management	.50	10-12
Leadership Principles 2	.50	10-12
Explorer Courses		
Accounting 1	.50	10-12
Business Communication 1	.50	10-12
Business Communication 2	.50	10-12
Business Law (East Shore)	.50	10-12
Digital Graphic Arts	.50	10-12
Economics	.50	10-12
Entrepreneurship	.50	10-12
Leadership Principles 1	.50	10-12
Sports Marketing	.50	10-12
Web Development 1	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

Marketing		
Required Concentrator Course		Grades
Retailing	.50	10-12
Explorer Courses		
Accounting 1	.50	10-12
Business Communication 1	.50	10-12
Business Communication 2	.50	10-12
Business Law (East Shore)	.50	10-12
Digital Graphic Arts	.50	10-12
Economics	.50	10-12
Entrepreneurship	.50	10-12
Sports Marketing	.50	10-12
Web Development 1	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

Computer Science & Information Technology

Cybersecurity		
1 Required Concentrator Course		Grades
Linux Fundamentals	.50	10-12
Cybersecurity Fundamentals	.50	10-12
Explorer Courses		
Computer Programming 1	.50	10-12
Exploring Computer Science	.50	9-12
Intro to IT Info Technology	.50	9-12
Web Development 1	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

Information Technology Systems		
Required Concentrator Course		Grades
A++ Computer Hardware	1.00	10-12
Explorer Courses		
Intro to IT (Info Technology)	.50	9-12
Computer Programming 1	.50	10-12
Exploring Computer Science	.50	9-12
Robotics 1	.50	10-12
Web Development 1	.50	9-12
Optional Completer Course		
CTE Internship	.50	11-12

Programming & Software Development		
Required Concentrator Course		Grades
Computer Program 2	.50	10-12
Game Dev Fundamentals 2	.50	10-12
Mobile App Development	.50	10-12
Explorer Courses		
Computer Programming 1	.50	10-12
Exploring Computer Science	.50	9-12
Intro to IT Info Technology	.50	9-12
Game Dev Fundamentals 1	.50	10-12
Robotics 1	.50	10-12
Optional Completer Course		
Computer Programming 3	1.00	11-12
CTE Internship	.50	11-12

Web Development		
Required Concentrator Course		Grades
Web Development 2	.50	10-12
Explorer Courses		
Digital Graphics Arts	.50	10-12
Exploring Comp Science	.50	9-12
Intro to IT Info Technology	.50	9-12
Entrepreneurship	.50	10-12
Web Development 1	.50	9-12
Optional Completer Course		
Web Development 3	1.00	11-12
CTE Internship	.50	11-12

Education & Training

Pre-K: Early Childhood Education		
Required Concentrator Course		Grades
Early Childhood Ed 2	.50	10-12
Explorer Courses		
Child Development	.50	9-12
Foods 1	.50	9-12
Early Childhood Ed 1	.50	10-12
OptionalCompleter Course		
Early Childhood Ed 3	1.00	11-12

CTE Internship	.50	11-12

K-12: Teaching as a Profession		
Required Concentrator Course		Grades
Teaching as a Profession 2	.50	10-12
Explorer Courses		
Teaching as a Profession 1	.50	10-12
Human Dev UVU PSY 1100	1.00	11-12
Business Communication 1	.50	10-12
Math 1050 UVU CE	1.00	11-12
English 1010 UVU CE	1.00	11-12
Optional Completer Course		
CTE Internship	.50	11-12

*This class will be offered in future years

Engineering & Technology

Engineering		
Required Concentrator Course		Grades
Robotics 2	.50	10-12
Explorer Courses		
Robotics 1	.50	10-12
CAD Mechanical 1	.50	10-12
Engineering Technology	.50	9
Woodworking 1	.50-1.00	10-12
Welding Tech 1 CE (MTECH)	1.00	12
Optional Completer Course		
CTE Internship	.50	11-12

Health Science

Health Science		
1 Required Concentrator Course		Grades
EMR	.50	10-12
Dental Assistant (MTECH)	2.00	12
EMT (MTECH)	2.00	12
Ex. Science/Sports Med	1.00	11-12
Medical Asst. (MTECH)	2.00	12
Nurse Asst. CNA (MTECH)	1.00	11-12
Pharmacy Tech (MTECH)	2.00	12
Explorer Courses		
Health Science, Intro.	.50	10-12
Human Dev UVU PSY 1100	1.00	11-12
Medical Anatomy & Physiology	1.00	11-12
Medical Terminology	.50	10-12
Optional Completer Course		
CTE Internship	.50	11-12

Hospitality & Tourism

Culinary Arts		
Required Concentrator Course		Grades
ProStart 2	1.00	11-12
Explorer Courses		
Foods 1	.50	9-12
Foods 2	.50	10-12
ProStart 1	1.00	10-12
Optional Completer Course		
CTE Internship	.50	11-12

Human Services

Personal Care Services		
Required Concentrator Course		Grades
Basic Esthetician (private)	2.00	12
Cosmetology (MTECH)	2.00	12
Hair Design (MTECH)	2.00	12
Explorer Courses		
Accounting 1	.50	10-12
Entrepreneurship	.50	10-12
Optional Completer Course		
CTE Internship	.50	11-12

Manufacturing

Manufacturing & Production		
Required Concentrator Course		Grades
Furn. Design (Woods 2)	1.00	10-12
Explorer Courses		
CAD Mechanical 1	.50	10-12
Woodworking 1	.50-100	10-12
Opt. Completer Course		
Cabinetmaking (Woods 3)	1.00	11-12
CTE Internship	.50	11-12

Welding & Machining		
1 Required Concentrator Course		Grades
Welding (MTECH)	2.00	12
Precision Machining (MTECH)	2.00	11-12
Fitting Technology (MTECH)	2.00	12
Explorer Course		
Welding (entry level)	2.00	12
Optional Completer Course		
CTE Internship	.50	11-12

Transportation, Distribution & Logistics

Auto Mechanics & Repairs		
Required Concentrator Course		Grades
ASE Chassis (MTECH)	1.00	12
Explorer Courses		
Automotive Intro. (MTECH)	1.00	11-12
Welding (MTECH)	2.00	12
Optional Completer Course		
ASE Engine (MTECH)	1.00	12
CTE Internship	.50	11-12

Diesel		
Required Concentrator Course		Grades
Diesel 1 (MTECH)	1.00	12
Explorer Courses		
Automotive (MTECH)	2.00	11-12
Welding (entry level) (MTECH)	1.00	12
Optional Completer Course		
Diesel 2 (MTECH)	1.00	12
CTE Internship	.50	11-12

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