



TIMPANOGOS HS

CTE PATHWAYS 2023-24

** To complete a Pathway, you must take the required course, any pre-requisite courses, and finish a total of 3.00 credits.*

*** All internships limited to .50 credit, applied to 3.00 credit total.*

AGRICULTURE, FOOD & NATURAL RESOURCES

Food Science, Dietetics & Nutrition

CTE Courses	credits	Grades
Foods 1	.50	9
Medical Anatomy & Physiology	1.0	10-12
Culinary 1 *	.50	10-12
Culinary 2	1.0	11-12
Foundations of Nutrition (UVU)	1.0	11-12
CTE Internship **	.50	12
3.00 credits total required to complete		

Plant Science

CTE Courses	credits	Grades
Business Leadership CE (Eastshore)	.50	11-12
Business Comm 1 (Eastshore)	.50	10-12
Business Comm 2 (Eastshore)	.50	10-12
Floriculture *	.50	10-12
Greenhouse Management	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

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ARCHITECTURE & CONSTRUCTION

Construction & Structural Systems ♦

CTE Courses	credits	Grades
Construction Technology	.50	9-12
Carpentry 1 CE * <i>and</i>	2.0	11-12
Carpentry 2 CE *	2.0	11-12
CTE Internship **	.50	12
3.00 credits total required to complete		

♦ [UVU Certificate Available](#)

Interior Design

CTE Courses	credits	Grades
Business Comm 1 (Eastshore)	.50	10-12
Interior Design 1	.50	9-12
Digital Media 1 & 2 CE	1.0	10-12
Interior Design 2 *	.50	10-12
Entrepreneurship (Eastshore)	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS

Broadcasting & Digital Media

CTE Courses	credits	Grades
3D Graphics	.50	10-12
Computer Science Principles	.50	10-12
Web Dev 1 or Code to Success ♦	.50	9-12
Computer Programming 1	.50	10-12
3D Animation * <i>and/or</i> Digital Media 1 & 2 CE * <i>and/or</i> Digital Audio 1 * <i>and/or</i> Video Prod/TV Broadcasting *	.50 to 1.0 each	10-12
Digital Audio 2	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

♦ Code to Success (Summer course) = Web Dev 1

Fashion Apparel & Textiles

CTE Courses	credits	Grades
Sewing 1	.50	9-12
Digital Media 1 & 2 CE	1.0	10-12
Sports Sewing 1	.50	10-12
Sewing 2 *	.50	10-12
Entrepreneurship (Eastshore)	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

Graphic Design & Communication

CTE Courses	credits	Grades
Digital Media 1 & 2 CE	1.0	10-12
Commercial Art 2 * <i>and/or</i> Photo 1 *	.50	10-12
Photo 2	.50	10-12
Entrepreneurship (Eastshore)	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

BUSINESS, FINANCE & MARKETING

Business Information Management

CTE Courses	credits	Grades
Accounting 1	.50	10-12
Business Comm 1 (Eastshore)	.50	10-12
Business Comm 2 (Eastshore)	.50	10-12
Digital Media 1 & 2 CE	1.0	10-12
Intro to Information Tech CE	.50	10-12
Web Dev 1 or Code to Success ♦	.50	9-12
Business Office Specialist CE * <i>and/or</i> Digital Business Applications *	.50	10-12
Entrepreneurship (Eastshore)	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

♦ Code to Success (Summer course) = Web Dev 1.

Finance

CTE Courses	credits	Grades
Accounting 1	.50	10-12
Business Comm 1 (Eastshore)	.50	10-12
Business Comm 2 (Eastshore)	.50	10-12
Web Dev 1 or Code to Success ♦	.50	9-12
Accounting 2 *	.50	10-12
Entrepreneurship (Eastshore)	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

♦ Code to Success (Summer course) = Web Dev 1.

Marketing

CTE Courses	credits	Grades
Accounting 1	.50	10-12
Business Comm 1 (Eastshore)	.50	10-12
Business Comm 2 (Eastshore)	.50	10-12
Digital Media 1 & 2 CE	1.0	10-12
Web Dev 1 or Code to Success ♦	.50	9-12
Digital Marketing * (MTECH) <i>and/or</i> Retailing *	.50	10-12
Entrepreneurship (Eastshore)	.50	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

♦ Code to Success (Summer course) = Web Dev 1.

CTE Course Descriptions:
 click [HERE](#)

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

CTE no discrimina por raza, color, origen nacional, género, sexual orientación o discapacidades.

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COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Cybersecurity

CTE Courses	credits	Grades
Exploring Computer Science	.50	9
Linux Fundamentals CE	.50	10-12
Computer Programming 1	.50	10-12
Computer Science Principles	.50	10-12
Intro to Information Tech CE	.50	10-12
Web Dev 1 or Code to Success ❖	.50	9-12
Cyber Defense CE *	.50	10-12
CTE Internship **	.50	12

3.00 credits total required to complete

❖ Code to Success (Summer course) = Web Dev 1.

Information Technology Systems ❖

CTE Courses	credits	Grades
Exploring Computer Science	.50	9
Robotics Technology	.50	9
Computer Programming 1	.50	10-12
Intro to Information Tech CE	.50	10-12
Computer Science Principles	.50	10-12
Linux Fundamentals CE	.50	10-12
Web Dev 1 or Code to Success ❖	.50	9-12
Computer Systems 1 & 2 CE *	1.0	10-12
CTE Internship **	.50	12

3.00 credits total required to complete

❖ UVU Certificate Available

❖ Code to Success (Summer course) = Web Dev 1.

Programming & Software Development

CTE Courses	credits	Grades
Robotics Technology	.50	9
Exploring Computer Science	.50	9
Computer Programming 1	.50	10-12
Computer Science Principles	.50	10-12
Intro to Information Tech CE	.50	10-12
Computer Programming 2 CE * and/or Game Development CE *	.50 1.0	10-12
AP Computer Science	1.0	10-12
Adv Computer Programming CE	1.0	10-12
CTE Internship **	.50	12

3.00 credits total required to complete

EDUCATION & TRAINING

Pre-K: Early Childhood Education

CTE Courses	credits	Grades
Child Development	.50	9-12
Early Childhood Education 1	.50	10-12
Foods 1	.50	9
Early Childhood Education 2 *	.50	10-12
Early Childhood Education 3	1.0	10-12
CTE Internship **	.50	12

3.00 credits total required to complete

HEALTH SCIENCE

Health Science ❖

CTE Courses: choose at least 1	credits	Grades
Health Science, Intro	.50	10-12
Medical Anatomy & Physiology	1.0	10-12
Medical Terminology CE	.50	10-12

CTE Course Required: Choose at least 1 *

Biotechnology CE *	credits range from .50 to 2.0 each	10-12
Emergency Medical Response *		
Exercise Science / Sports Med *		
Dental Assistant (MTECH) *		
Nurse Assist / CNA (MTECH) *		
Pharmacy Technician (MTECH) *		
EMT (MTECH) *		
Medical Assistant (MTECH) *		
Surgical Technician (MTECH) *		

CTE Internship **	.50	12
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3.00 credits total required to complete

❖ UVU Certificate Available

HOSPITALITY & TOURISM

Culinary Arts

CTE Courses	credits	Grades
Foods 1	.50	9
Culinary 1	.50	10-12
Culinary 2 CE *	1.0	11-12
Baking and Pastry	.50	11-12
Culinary 3 CE	1.0	11-12
CTE Internship **	.50	12

3.00 credits total required to complete

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HUMAN SERVICES

Family & Human Services

CTE Courses	credits	Grades
Medical Terminology CE	.50	10-12
Health Science, Intro	.50	10-12
Human Dev (UVU Psych 1100)	1.0	11-12
Individual & Family Relations *	.50	10-12
CTE Internship **	.50	12

3.00 credits total required to complete

Personal Care Services

CTE Courses (1 HS credit required)	credits	Grades
Accounting 1	.50	10-12
Entrepreneurship (Eastshore)	.50	10-12
CTE Internship **	.50	11-12

CTE Course Required: Choose at least 1 *

Basic Esthetician (Private) *	1.0 to 2.0 credits each	12
Cosmetology (MTECH) *		
Hair Design (MTECH) *		
Nail Technician (MTECH) *		

3.00 credits total required to complete

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Protective Services ❖

CTE Courses	credits	Grades
Exploring Computer Science	.50	9
Health Science, Intro	.50	10-12
Criminal Justice, Intro (UVU 1010)	1.0	11-12
Intro to Information Tech CE	.50	10-12
Law Enforcement	.50	10-12
Criminal Law (UVU 1330) *	1.0	11-12
CTE Internship **	.50	12

3.00 credits total required to complete

❖ UVU Certificate Available

MANUFACTURING

Welding & Machining

CTE Courses	credits	Grades
Welding Technician 1 CE	1.0	10-12
Welding Technician 2 CE	1.0	11-12
Welding Technician 3 *	1.0	12
Design & Fabrication (MTECH)	2.0	12
Precision Machining (MTECH)	2.0	12
Advanced Welding (MTECH)	2.0	12
CTE Internship **	.50	12

3.00 credits total required to complete