



TIMPANOGOS HS CTE PATHWAYS 2024-25

** To complete a Pathway, you must take ONE concentrator course (highlighted in gray), and finish a total of 3.00 credits.*

*** internships are limited to .5 credit.*

AGRICULTURE, FOOD & NATURAL RESOURCES

Plant Science

CTE Courses	credits	Grades
Business Leadership CE (Eastshore)	.5	11-12
Business Comm 1 (Eastshore)	.5	10-12
Business Comm 2 (Eastshore)	.5	10-12
Floriculture *	.5	10-12
Greenhouse Management	.5	10-12
CTE Internship **	.5	12
3.00 credits total required to complete		

ARCHITECTURE & CONSTRUCTION

Architectural & Interior Design

CTE Courses	credits	Grades
Business Comm 1 (Eastshore)	.5	10-12
Construction Technology	.5	9-12
Digital Media 1 & 2 CE	1.0	10-12
Interior Design 1	.5	9-12
Carpentry 1 CE	2.0	11-12
Interior Design 2 *	.5	10-12
CTE Internship**	.5	12
3.00 credits total required to complete		

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Construction & Structural Systems

CTE Courses	credits	Grades
Entrepreneurship (Eastshore)	.5	10-12
Interior Design 1	.5	9-12
Construction Technology	.5	10-12
Carpentry 1 CE *	2.0	11-12
Carpentry 2 CE	2.0	11-12
CTE Internship **	.5	12
3.00 credits total required to complete		

CTE Course Descriptions:
click [HERE](#)

ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATIONS

Broadcasting & Digital Media

CTE Courses	credits	Grades
Computer Science Principles	.5	10-12
Digital Media 1 & 2 CE	1.0	10-12
Web Development	.5	9-12
Computer programming 1/2 CE	1.0	10-12
3D Graphics & Animation*	1.0	10-12
Digital Audio 1/2 *	.5	10-12
Video Prod/TV Broadcasting *	1.0	10-12
CTE Internship **	.5	12
3.00 credits total required to complete		

Fashion Apparel & Textiles

CTE Courses	credits	Grades
Sewing 1	.5	9-12
Digital Media 1 & 2 CE	1.0	10-12
Fashion Design 1	.5	10-12
Sewing 2 *	.5	10-12
CTE Internship **	.5	12
3.00 credits total required to complete		

Graphic Design & Communication

CTE Courses	credits	Grades
3D Graphics	.5	10-12
Digital Business Applications	.5	9-12
Entrepreneurship (Eastshore)	.5	10-12
Digital Media 1 & 2 CE	1.0	10-12
Interior Design 1	.5	10-12
Retailing	.5	10-12
Advertising Design (Commercial Art 2) *	.5	10-12
Digital Photo 1 *	.5	10-12
Digital Photo 2	.5	10-12
CTE Internship **	.5	12
3.00 credits total required to complete		

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gender, sexual orientation, or disability.

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BUSINESS, FINANCE & MARKETING

Business

CTE Courses	credits	Grades
Accounting 1	.5	10-12
Business Office Specialist CE	.5	10-12
Entrepreneurship (Eastshore)	.5	10-12
Business Comm 1 (Eastshore)	.5	10-12
Business Comm 2 (Eastshore)	.5	10-12
Business Leadership (Eastshore)	.5	10-12
Digital Business Applications	.5	9-12
Web Development	.5	9-12
Digital Media 1 & 2 CE	1.0	10-12
Retailing	.5	10-12
Business Management CE * (Offered through school-to-school at MVHS or Orem HS)	.5	10-12
CTE Internship **	.50	12
3.00 credits total required to complete		

Finance

CTE Courses	credits	Grades
Accounting 1	.5	10-12
Entrepreneurship (Eastshore)	.5	10-12
Retailing	.5	10-12
Business Comm 1 (Eastshore)	.5	10-12
Business Comm 2 (Eastshore)	.5	10-12
Digital Business Applications	.5	9-12
Business Office Specialist CE	.5	9-12
Web Development	.5	9-12
Accounting 2 *	.5	10-12
CTE Internship **	.5	12
3.00 credits total required to complete		

Marketing

CTE Courses	credits	Grades
Accounting 1	.5	10-12
Business Comm 1 (Eastshore)	.5	10-12
Business Comm 2 (Eastshore)	.5	10-12
Digital Business Applications	.5	9-12
Web Development	.5	9-12
Digital Media 1 & 2 CE	1.0	10-12
Retailing	.5	10-12
Business Office Specialist CE	.5	10-12
Entrepreneurship (Eastshore)	.5	10-12
Influence & Content Marketing (Offered through school-to-school at MVHS or Orem HS)	.5	10-12
Digital Marketing * (MTECH)	2.0-4.0	12
CTE Internship **	.5	12
3.00 credits total required to complete		



COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Cybersecurity

CTE Courses	credits	Grades
Computer Programming 1	.5	10-12
Exploring Computer Science	.5	9
Math 1050 CE	.5	10-12
Computer Science Principles CE	.5	10-12
Intro Info Tech 1 / 2 CE	1.0	10-12
Web Development 1	.5	9-12
Linux Fundamentals CE	.5	10-12
Cyber Defense CE *	.5	10-12
CTE Internship **	.5	12

3.00 credits total required to complete

Information Technology Systems

CTE Courses	credits	Grades
Linux Fundamentals CE	.5	10-12
Computer Programming 1	.5	10-12
Exploring Computer Science	.5	9
Math 1050 CE	.5	10-12
Computer Science Principles CE	.5	10-12
Intro Info Tech 1 / 2 CE	1.0	10-12
Robotics Technology	.5	9
Web Development 1	.5	9-12
Computer Systems 1 CE	.5	10-12
Computer Systems 2 CE	.5	10-12
CTE Internship **	.5	12

3.00 credits total required to complete

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Programming & Software Development

CTE Courses	credits	Grades
Exploring Computer Science	.5	9
Intro Info Tech 1 / 2 CE	1.0	10-12
Computer Programming 1	.5	10-12
Math 1050 CE	.5	10-12
Computer Science Principles CE	.5	10-12
Web Development 1	.5	9-12
Robotics Technology	.5	9
Computer Programming 2 CE *	.5	10-12
Game Development 1 * <i>Unreal</i>	.5	10-12
Game Development 2 CE <i>Unity</i>	.5	10-12
AP Computer Science	1.0	10-12
Adv Computer Programming CE	1.0	10-12
CTE Internship **	.5	12

3.00 credits total required to complete

Web Development

CTE Courses	credits	Grades
Computer Science Principles CE	.5	10-12
Intro Info Tech 1 / 2 CE	1.0	10-12
Web Development 1	.5	9-12
Computer Programming 1	.5	10-12
Exploring Computer Science	.5	9
Math 1050 CE	.5	10-12
Digital Media 1	.5	10-12
Entrepreneurship	.5	10-12
Web Development 2 CE *	.5	10-12
CTE Internship **	.5	12

3.00 credits total required to complete

EDUCATION & TRAINING

Pre-K: Early Childhood Education

CTE Courses	credits	Grades
Child Development	.5	9-12
Early Childhood Education 1	.5	10-12
Culinary 1 or Foods 1 (also offered through Eastshore)	.5	9-12
Early Childhood Education 2 *	.5	10-12
Early Childhood Education 3	1.0	10-12
CTE Internship **	.5	12

3.00 credits total required to complete

HEALTH SCIENCE

Health Science

CTE Courses	credits	Grades
Health Science, Intro	.5	10-12
Medical Terminology CE	.5	10-12
Biotechnology CE *	1.0	10-12
Emergency Medical Response *	.5	10-12
Exercise Sci / Sports Med CE *	1.0	10-12
Medical Anatomy & Physiology *	1.0	10-12

MTECH Programs

Dental Assistant * (MTECH) Pharmacy Technician * (MTECH) EMT * (MTECH) Surgical Technician * (MTECH) Medical Assistant * (MTECH) Nurse Assist / CNA * (MTECH)	2.0 or more	11-12
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CTE Internship **	.5	12
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3.00 credits total required to complete

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HOSPITALITY & TOURISM

Culinary Arts

CTE Courses	credits	Grades
Foods 1 (Food & Nutrition) <i>Also offered through Eastshore</i>	.5	9-12
Culinary 1	.5	10-12
Culinary 2 CE *	1.0	11-12
Baking and Pastry	.5	11-12
Culinary 3 CE	1.0	11-12
CTE Internship **	.5	12

3.00 credits total required to complete

HUMAN SERVICES

Personal Care Services

CTE Courses	credits	Grades
Business Office Specialist CE	.5	10-12
Entrepreneurship (Eastshore)	.5	10-12
Retailing	.5	10-12
CTE Internship **	.5	11-12

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

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

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