

# USD 232 CAREER & TECHNICAL EDUCATION (CTE) PATHWAYS 2025-2026



*USD 232 strives for students taking CTE classes as a part of their Individual Plan of Study, to become "Completers" in their career area of focus. Please see the descriptions below to understand what makes one a "Participant", a "Concentrator", and a "Completer" in a CTE Pathway.*

**PARTICIPANT:** This is a student who has earned one (1), but less than two secondary level credits in a single CTE pathway.

**CONCENTRATOR:** This is a student who has earned two (2) or more secondary level credits in a single CTE pathway, which are a combination of at least two of the three levels: Introductory, technical and application and meets a 70% proficiency on a technical skills assessment measured by the average of the letter grades, an average percentage on end-of-course assessments, or on the competency profile.

**COMPLETER:** This is a student who has completed a minimum of three (3) secondary level credits in a single CTE pathway, with at least two (2) of those credits being a combination of technical and application- level courses.

A completer must also earn or complete at least one or more of the following:

- Earn an end of pathway assessment/certification for completer status (industry-recognized certification or a passing score on a third-party, end-of-pathway assessment).
- Earn an Excel in CTE qualifying recognized credential aligned to the pathway.
- Earn nine (9) + college hours leading to completion of a certificate or postsecondary program aligned to the pathway's program of study.
- Complete a high-quality work-based learning career preparation experience, Kansas work-based learning continuum, in the pathway defined in [Kansas Work-Based Learning: Personalized Learning Plan Guidance Document \(ksde.org\)](https://ksde.org).<sup>1</sup>

*NOTE: Some USD 232 Pathways are incomplete (they lack required classes); Students can take classes in these Pathways but not for "Completer" status.*



# NATURAL RESOURCES & ENVIRONMENTAL SUSTAINABILITY PATHWAY (incomplete)

APPLICATION LEVEL		
Title	Location	Credit
Environmental Resources and Ecology	MVHS	1
Agriculture Internship	EDTEC	1

Quick Facts: Environmental Scientists and Specialists	
<a href="#">2023 Median Pay</a>	\$78,980 per year \$37.97 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	84,600
<a href="#">Job Outlook, 2023-33</a>	7% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	6,100

Quick Facts: Conservation Scientists and Foresters	
<a href="#">2023 Median Pay</a>	\$68,300 per year \$32.84 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	41,400
<a href="#">Job Outlook, 2023-33</a>	5% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	1,900



# BUSINESS MANAGEMENT and ENTREPRENEURSHIP PATHWAY (incomplete)

## INTRODUCTORY LEVEL

Title	Locations	Credit
Business Essentials	DHS/MVHS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Business Communications	MVHS	0.5
Entrepreneurship	MVHS	0.5
Accounting	DHS/MVHS	1
Principles of Marketing	DHS/MVHS	1

### Quick Facts: Top Executives

<a href="#">2023 Median Pay</a>	\$103,840 per year \$49.92 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	5 years or more
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	3,944,000
<a href="#">Job Outlook, 2023-33</a>	6% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	227,600

### *Supportive Entrepreneurship*

*Students May take up to ONE CREDIT of Supportive Entrepreneurship Tech to become a completer and/or concentrator.*

Title	Locations	Credit
Web Design	DHS/MVHS	1
Animation	CTEC	1
Culinary Essentials	DHS/MVHS	0.5
Carpentry I	DHS/MVHS	1
Engineering Design and Development	CTEC	1
CAD	DHS/MVHS	1
Auto Collision	EDTEC	1



# BUSINESS FINANCE PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Business Essentials	DHS/MVHS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Accounting	DHS/MVHS	1
Business Communications	12009	0.5
Entrepreneurship	12053	0.5

## APPLICATION LEVEL

### ■ *Financial Institutions and Services Strand*

Title	Locations	Credit
Investing	MVHS	0.5

### ■ *Accounting Strand*

Title	Location	Credit
Advanced Accounting	DHS	1

## Quick Facts: Accountants and Auditors

<a href="#">2023 Median Pay</a>	\$79,880 per year \$38.41 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	1,562,000
<a href="#">Job Outlook, 2023-33</a>	6% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	91,400

## APPLICATION LEVEL

### *Optional Supportive Courses*

Title	Locations	Credit
Finance Workplace Experience	DHS/MVHS	0.5/1



# MARKETING PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Business Essentials	DHS/MVHS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Business Communications	MVHS	0.5
Principles of Marketing	DHS/MVHS	1

### Optional Supportive Courses

Title	Locations	Credit
Web Design	DHS/MVHS	1
Animation	CTEC	1
Entrepreneurship	MVHS	0.5
Accounting	DHS/MVHS	1
Sports/Entertainment Marketing	DHS	0.5
Graphic Design I	CTEC	0.5

## APPLICATION LEVEL

Title	Locations	Credit
Marketing Applications	DHS/MVHS	1

### Optional Supportive Courses

Title	Locations	Credit
Marketing Workplace Experience	DHS/MVHS	0.5/1

### Quick Facts: Advertising, Promotions, and Marketing Managers

<a href="#">2023 Median Pay</a>	\$156,580 per year \$75.28 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	<a href="#">See How to Become One</a>
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	411,300
<a href="#">Job Outlook, 2023-33</a>	8% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	31,100



# CONSTRUCTION & ARCHITECTURE PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Production Print Reading	CTEC	0.5

## TECHNICAL LEVEL

### ■ Design Strand

Title	Locations	Credit
Interior Design I	DHS/MVHS	0.5
Architecture I	DHS/MVHS	1
CAD	DHS/MVHS	1

### ■ Construction Strand

Title	Locations	Credit
Carpentry I	DHS/MVHS	1
Woodworking Principles	DHS/MVHS	1

## APPLICATION LEVEL

Title	Locations	Credit
Workplace Experience in Architecture and Construction	DHS/MVHS	0.5/1

### Design Strand

Title	Locations	Credit
Interior Architectural Design	DHS/MVHS	0.5

### Construction Strand

Title	Locations	Credit
Carpentry II	DHS/MVHS	1

## Quick Facts: Construction Laborers and Helpers

<a href="#">2023 Median Pay</a>	\$44,310 per year \$21.30 per hour
<a href="#">Typical Entry-Level Education</a>	<a href="#">See How to Become One</a>
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	Short-term on-the-job training
<a href="#">Number of Jobs, 2023</a>	1,599,800
<a href="#">Job Outlook, 2023-33</a>	7% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	119,400

## Quick Facts: Architects

<a href="#">2023 Median Pay</a>	\$93,310 per year \$44.86 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	Internship/residency
<a href="#">Number of Jobs, 2023</a>	127,300
<a href="#">Job Outlook, 2023-33</a>	8% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	9,900



# AUTOMATION ENGINEER PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Production Print Reading	CTEC	0.5
Introduction to Engineering: <ul style="list-style-type: none"> <li>• Flight &amp; Space</li> <li>• Design &amp; Modeling</li> <li>• Automation &amp; Robotics</li> </ul>	LTMS/ MCMS/ MTMS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Engineering Design	DHS/MVHS	1
Robotics I	CTEC	1

## APPLICATION LEVEL

Title	Locations	Credit
Cybersecurity I	CTEC	1
Digital Electronics	CTEC	1
Computer Integrated Manufacturing	CTEC	1
Workplace Experience in Engineering	CTEC	0.5/1
Robotics Capstone	CTEC	0.5

### Quick Facts: Industrial Engineering Technologists and Technicians

<a href="#">2023 Median Pay</a>	\$62,610 per year \$30.10 per hour
<a href="#">Typical Entry-Level Education</a>	Associate's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	74,500
<a href="#">Job Outlook, 2023-33</a>	4% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	3,000



# ENGINEERING PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Production Print Reading	CTEC	0.5
Introduction to Engineering:	LTMS/ MCMS/ MTMS	0.5
<ul style="list-style-type: none"> <li>• Flight &amp; Space</li> <li>• Design &amp; Modeling</li> <li>• Automation &amp; Robotics</li> </ul>		

## TECHNICAL LEVEL

Title	Locations	Credit
Engineering Design	DHS/MVHS	1
Robotics I	CTEC	1
Principles of Engineering	DHS/MVHS	1

## APPLICATION LEVEL

Title	Locations	Credit
Digital Electronics	CTEC	1
Computer Integrated Manufacturing	CTEC	1
Engineering Design and Development	CTEC	1
Workplace Experience in Engineering	CTEC	1

### Quick Facts: Mechanical Engineers

<a href="#">2023 Median Pay</a>	\$99,510 per year \$47.84 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	291,900
<a href="#">Job Outlook, 2023-33</a>	11% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	32,100





# MANUFACTURING PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Production Print Reading	CTEC	0.5
Welding	CTEC	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Robotics I	CTEC	1

### ■ Production Strand

Title	Locations	Credit
Production Methods I	CTEC	1
CAD	DHS/MVHS	1

## APPLICATION LEVEL

Title	Locations	Credit
Work Experience in Manufacturing	CTEC	0.5/1

### ■ Production Strand

Title	Locations	Credit
Production Methods II	CTEC	1

### ■ Maintenance Strand

Title	Locations	Credit
Digital Electronics	CTEC	1

### Quick Facts: Welders, Cutters, Solderers, and Brazers

<a href="#">2023 Median Pay</a>	\$48,940 per year \$23.53 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	Moderate-term on-the-job training
<a href="#">Number of Jobs, 2023</a>	454,500
<a href="#">Job Outlook, 2023-33</a>	2% (Slower than average)
<a href="#">Employment Change, 2023-33</a>	9,300

### Quick Facts: Industrial Machinery Mechanics, Machinery Maintenance Workers, and Millwrights

<a href="#">2023 Median Pay</a>	\$61,170 per year \$29.41 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	<a href="#">See How to Become One</a>
<a href="#">Number of Jobs, 2023</a>	530,800
<a href="#">Job Outlook, 2023-33</a>	15% (Much faster than average)
<a href="#">Employment Change, 2023-33</a>	80,400



# FAMILY, COMMUNITY & CONSUMER SERVICES (FACS) PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Introduction to Family and Consumer Sciences	LTMS/ MCMS/MTMS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Nutrition and Wellness	DHS/MVHS	0.5
Family Studies	DHS/MVHS	0.5
Leadership Service in Action	DHS/MVHS	0.5
Human Growth and Development: Early Years	DHS/MVHS	0.5
Culinary Essentials I / II	DHS/MVHS	0.5

## APPLICATION LEVEL

Title	Locations	Credit
Community Connections	DHS/MVHS	0.5
Career Connections	DHS/MVHS	0.5

### Quick Facts: Preschool Teachers

<a href="#">2023 Median Pay</a>	\$37,130 per year \$17.85 per hour
<a href="#">Typical Entry-Level Education</a>	Associate's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	528,500
<a href="#">Job Outlook, 2023-33</a>	4% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	23,300

### Quick Facts: Community Health Workers

<a href="#">2023 Median Pay</a>	\$48,200 per year \$23.17 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	Short-term on-the-job training
<a href="#">Number of Jobs, 2023</a>	63,400
<a href="#">Job Outlook, 2023-33</a>	13% (Much faster than average)
<a href="#">Employment Change, 2023-33</a>	8,300

### Quick Facts: Chefs and Head Cooks

<a href="#">2023 Median Pay</a>	\$58,920 per year \$28.33 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	5 years or more
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	187,100
<a href="#">Job Outlook, 2023-33</a>	8% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	15,500



# FASION, APPAREL, INTERIOR DESIGN (FAID) PATHWAY (incomplete)

## INTRODUCTORY LEVEL

Title	Locations	Credit
Introduction to Family and Consumer Sciences	LTMS/ MCMS/MTMS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Essentials of FAID	DHS/MVHS	0.5

### ■ Fashion and Apparel Design (Strand A)

Title	Locations	Credit
Fashion Trends	DHS/MVHS	0.5

### ■ Interior Design (Strand B)

Title	Locations	Credit
Interior Design I	DHS/MVHS	0.5
Architecture I	DHS/MVHS	1

## APPLICATION LEVEL

### Strands A and B

Title	Locations	Credit
Career Connections	DHS/MVHS	0.5

### Quick Facts: Fashion Designers

<a href="#">2023 Median Pay</a>	\$79,290 per year \$38.12 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	21,900
<a href="#">Job Outlook, 2023-33</a>	5% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	1,000

### Quick Facts: Interior Designers

<a href="#">2023 Median Pay</a>	\$62,510 per year \$30.05 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	92,200
<a href="#">Job Outlook, 2023-33</a>	4% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	3,700



# BIOTECHNOLOGY PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Chemistry	DHS/MVHS	1

## TECHNICAL LEVEL

Title	Locations	Credit
Anatomy and Physiology	DHS/MVHS	1
Biotechnology Essentials	CTEC	1
Medical Interventions	CTEC	1
Robotics I	CTEC	1

## APPLICATION LEVEL

Title	Locations	Credit
Biomedical Innovation	CTEC	1
Bioscience Workplace Experience	CTEC	1

### Quick Facts: Biological Technicians

<a href="#">2023 Median Pay</a>	\$51,430 per year \$24.73 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	83,100
<a href="#">Job Outlook, 2023-33</a>	7% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	5,500

### Quick Facts: Microbiologists

<a href="#">2023 Median Pay</a>	\$85,470 per year \$41.09 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	23,200
<a href="#">Job Outlook, 2023-33</a>	7% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	1,600

### Quick Facts: Physicians and Surgeons

<a href="#">2023 Median Pay</a>	This wage is equal to or greater than \$239,200 per year or \$115.00 per hour.
<a href="#">Typical Entry-Level Education</a>	Doctoral or professional degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	Internship/residency
<a href="#">Number of Jobs, 2023</a>	834,500
<a href="#">Job Outlook, 2023-33</a>	4% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	34,500



# MEDIA DESIGN & COMMUNICATIONS PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Digital Media Applications	LTMS/ MCMS/MTMS	0.5

### Quick Facts: Graphic Designers

<a href="#">2023 Median Pay</a>	\$58,910 per year \$28.32 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Number of Jobs, 2023</a>	267,200
<a href="#">Job Outlook, 2023-33</a>	2% (Slower than average)
<a href="#">Employment Change, 2023-33</a>	6,600

### Quick Facts: News Analysts, Reporters, and Journalists

<a href="#">2023 Median Pay</a>	\$57,500 per year \$27.64 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Number of Jobs, 2023</a>	49,800
<a href="#">Job Outlook, 2023-33</a>	-3% (Decline)
<a href="#">Employment Change, 2023-33</a>	-1,400

## TECHNICAL LEVEL

### Web Design & Graphic Design

Title	Locations	Credit
Interactive Media	DHS/MVHS	1
Web Design	DHS/MVHS	1
Principles of Illustration	CTEC	0.5
Graphic Design I	CTEC	0.5
Graphic Design II	CTEC	1
Animation	CTEC	1

### Journalism

Title	Locations	Credit
Photo Imaging	DHS/MVHS	0.5
Journalism/Media Communications	DHS/MVHS	0.5
Audio/Video Production	DHS/MVHS	0.5
MVTV I / Wildcat Wire I	DHS/MVHS	1
Video Production I	DHS/MVHS	1
Newspaper I	DHS/MVHS	1
Yearbook I	DHS/MVHS	1

### Quick Facts: Web Developers and Digital Designers

<a href="#">2023 Median Pay</a>	\$92,750 per year; \$44.59 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Number of Jobs, 2023</a>	222,600
<a href="#">Job Outlook, 2023-33</a>	8% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	18,600

## APPLICATION LEVEL

### Web Design & Graphic Design

Title	Locations	Credit
Graphic Design Workplace Experience	CTEC	0.5/1
CAPS Makerspace	CTEC	1
Game Design	CTEC	1
Web Design Workplace Experience	CTEC	1

### Journalism

Title	Locations	Credit
Video Production II / III	DHS/MVHS	1
MVTV II & III / Wildcat Wire II & III	DHS/MVHS	1
Newspaper II / III	DHS/MVHS	1
Yearbook II / III	DHS/MVHS	1
Advanced Media Workplace	DHS/MVHS	1



# PROGRAMMING PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Digital Media Applications	LTMS/ MCMS/MTMS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Web Design	DHS/MVHS	1
AP Computer Science Principles	CTEC	1

## APPLICATION LEVEL

Title	Locations	Credit
Cybersecurity I	CTEC	1
AP Computer Science A	CTEC	1
Work-based Learning in Programming	CTEC	1

### Quick Facts: Computer Programmers

<a href="#">2023 Median Pay</a>	\$99,700 per year \$47.94 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	139,400
<a href="#">Job Outlook, 2023-33</a>	-10% (Decline)
<a href="#">Employment Change, 2023-33</a>	-13,400

### Quick Facts: Information Security Analysts

<a href="#">2023 Median Pay</a>	\$120,360 per year \$57.87 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	Less than 5 years
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	180,700
<a href="#">Job Outlook, 2023-33</a>	33% (Much faster than average)
<a href="#">Employment Change, 2023-33</a>	59,100



# TEACHING/TRAINING PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Introduction to Family and Consumer Sciences	LTMS/ MCMS/MTMS	0.5

## TECHNICAL LEVEL

Title	Locations	Credit
Teaching as a Career	DHS/MVHS	1
Family Studies	DHS/MVHS	0.5
Human Growth and Development: Early Years	DHS/MVHS	0.5

## APPLICATION LEVEL

Title	Locations	Credit
Teaching Internship	DHS/MVHS	1

### Quick Facts: PreK-12 Teachers

<a href="#">2023 Median Pay</a>	\$63,580 per year
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	Less than 5 years
<a href="#">Number of Jobs, 2023</a>	223,600-1,563,700
<a href="#">Job Outlook, 2023-33</a>	Varies by grade level
<a href="#">Employment Change, 2023-33</a>	Varies by grade level

### Quick Facts: Training and Development Specialists

<a href="#">2023 Median Pay</a>	\$64,340 per year \$30.94 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	Less than 5 years
<a href="#">Number of Jobs, 2023</a>	420,100
<a href="#">Job Outlook, 2023-33</a>	12% (Much faster than average)
<a href="#">Employment Change, 2023-33</a>	48,500

### Quick Facts: Coaches and Scouts

<a href="#">2023 Median Pay</a>	\$45,910 per year
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Number of Jobs, 2023</a>	307,100
<a href="#">Job Outlook, 2023-33</a>	9% (Much faster than average)
<a href="#">Employment Change, 2023-33</a>	26,900



# ANIMAL SCIENCE, HEALTH, & RELATED INDUSTRIES PATHWAY (incomplete)

## TECHNICAL LEVEL

Title	Locations	Credit
Animal Science	EDTEC	1

## APPLICATION LEVEL

Title	Locations	Credit
Advanced Animal Science	EDTEC	1
Animal Health	EDTEC	1
Agricultural Leadership	EDTEC	1

### Quick Facts: Animal Care and Service Workers

<a href="#">2023 Median Pay</a>	\$31,830 per year \$15.31 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	<a href="#">See How to Become One</a>
<a href="#">Number of Jobs, 2023</a>	422,500
<a href="#">Job Outlook, 2023-33</a>	15% (Much faster than average)
<a href="#">Employment Change, 2023-33</a>	64,300

### Quick Facts: Veterinarians

<a href="#">2023 Median Pay</a>	\$119,100 per year \$57.26 per hour
<a href="#">Typical Entry-Level Education</a>	Doctoral or professional degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	88,200
<a href="#">Job Outlook, 2023-33</a>	19% (Much faster than average)
<a href="#">Employment Change, 2023-33</a>	16,800





# PLANT SCIENCE & INDUSTRY OPERATIONS PATHWAY (incomplete)

TECHNICAL LEVEL		
Title	Locations	Credit
Plant and Soil Science	EDTEC	1

APPLICATION LEVEL		
Title	Locations	Credit
Horticulture, Floriculture and Greenhouse Management	EDTEC	1
Agricultural Leadership	EDTEC	1

Quick Facts: Agricultural and Food Science Technicians	
<a href="#">2023 Median Pay</a>	\$47,010 per year \$22.60 per hour
<a href="#">Typical Entry-Level Education</a>	Associate's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	Moderate-term on-the-job training
<a href="#">Number of Jobs, 2023</a>	44,700
<a href="#">Job Outlook, 2023-33</a>	7% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	3,000

Quick Facts: Farmers, Ranchers, and Other Agricultural Managers	
<a href="#">2023 Median Pay</a>	\$83,770 per year \$40.27 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	5 years or more
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	856,600
<a href="#">Job Outlook, 2023-33</a>	-2% (Decline)
<a href="#">Employment Change, 2023-33</a>	-13,800



# MOBILE EQUIPMENT MAINTENANCE PATHWAY (incomplete)

## TECHNICAL LEVEL

### *Collision Strand*

Title	Locations	Credit
Auto Collision I	EDTEC	1
Auto Refinishing I	EDTEC	1

## APPLICATION LEVEL

### *Collision Strand*

Title	Locations	Credit
Auto Collision II	EDTEC	1
Auto Refinishing II	EDTEC	1
Work Experience in Transportation	EDTEC	1

### Quick Facts: Automotive Body and Glass Repairers

<a href="#">2023 Median Pay</a>	\$48,450 per year \$23.29 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	<a href="#">See How to Become One</a>
<a href="#">Number of Jobs, 2023</a>	190,900
<a href="#">Job Outlook, 2023-33</a>	1% (Slower than average)
<a href="#">Employment Change, 2023-33</a>	2,600

### Quick Facts: Automotive Service Technicians and Mechanics

<a href="#">2023 Median Pay</a>	\$47,770 per year \$22.96 per hour
<a href="#">Typical Entry-Level Education</a>	Postsecondary nondegree award
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	Short-term on-the-job training
<a href="#">Number of Jobs, 2023</a>	794,600
<a href="#">Job Outlook, 2023-33</a>	3% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	21,200



# RESTAURANT & EVENT MANAGEMENT PATHWAY

## INTRODUCTORY LEVEL

Title	Locations	Credit
Introduction to Family and Consumer Sciences	LTMS/ MCMS/ MTMS	0.5

## TECHNICAL LEVEL

Select a strand at division.

Title	Locations	Credit
Culinary Essentials	DHS/MVHS	0.5
Nutrition & Wellness	DHS/MVHS	0.5

### Event Planning and Management Strand

Title	Locations	Credit
Foundations of Travel & Tourism	EDTEC	0.5
Event Planning & Management	EDTEC	0.5

### Culinary Arts and Management Strand

Title	Locations	Credit
Culinary Arts I	EDTEC	1
Culinary Arts II	EDTEC	0.5
Event Planning & Management	EDTEC	0.5

## APPLICATION LEVEL

### Event Planning and Management Strand

Title	Locations	Credit
Career Connections	EDTEC	0.5

### Culinary Arts and Management Strand

Title	Locations	Credit
Career Connections	EDTEC	0.5
Culinary Workplace Experience	EDTEC	1

### Quick Facts: Meeting, Convention, and Event Planners

<a href="#">2023 Median Pay</a>	\$56,920 per year \$27.36 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	149,000
<a href="#">Job Outlook, 2023-33</a>	7% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	9,900

### Quick Facts: Chefs and Head Cooks

<a href="#">2023 Median Pay</a>	\$58,920 per year \$28.33 per hour
<a href="#">Typical Entry-Level Education</a>	High school diploma or equivalent
<a href="#">Work Experience in a Related Occupation</a>	5 years or more
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	187,100
<a href="#">Job Outlook, 2023-33</a>	8% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	15,500



# HEALTH SCIENCE PATHWAY

INTRODUCTORY LEVEL		
Title	Locations	Credit
Chemistry	DHS/MVHS	1

TECHNICAL LEVEL		
Title	Locations	Credit
Anatomy and Physiology	DHS/MVHS	1
Medical Terminology	EDTEC	0.5
Medical Interventions	CTEC	1

APPLICATION LEVEL		
Title	Locations	Credit
Certified Nursing Assistant	EDTEC	1
Health Care Work Experience	EDTEC	1

Quick Facts: Nursing Assistants and Orderlies	
<a href="#">2023 Median Pay</a>	\$38,130 per year \$18.33 per hour
<a href="#">Typical Entry-Level Education</a>	<a href="#">See How to Become One</a>
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	<a href="#">See How to Become One</a>
<a href="#">Number of Jobs, 2023</a>	1,469,400
<a href="#">Job Outlook, 2023-33</a>	4% (As fast as average)
<a href="#">Employment Change, 2023-33</a>	64,700

Quick Facts: Registered Nurses	
<a href="#">2023 Median Pay</a>	\$86,070 per year \$41.38 per hour
<a href="#">Typical Entry-Level Education</a>	Bachelor's degree
<a href="#">Work Experience in a Related Occupation</a>	None
<a href="#">On-the-job Training</a>	None
<a href="#">Number of Jobs, 2023</a>	3,300,100
<a href="#">Job Outlook, 2023-33</a>	6% (Faster than average)
<a href="#">Employment Change, 2023-33</a>	197,200