

# Uintah High CTE Pathways

## Health Sciences

### Nursing Services

#### 0.5 credit required

Nurse Assistant CNA

#### 2.5 credits needed from electives

Emergency Medical Responder  
Food & Nutrition I  
Food & Nutrition II  
USU Human Development FCHD 1500  
Medical Anatomy & Physiology A & B  
Medical Terminology  
Intro to Health Science  
Workplace Skills (Internship 0.5 credit max)

### Exercise Science/ Sports Medicine

#### 1.0 credits required

Exercise Science/Sport Medicine A & B

#### 2.0 credit needed from electives

Emergency Medical Responder  
Medical Anatomy and Physiology  
Medical Terminology  
Intro to Health Science  
Workplace Skills (Internship 0.5 credit max)

## Engineering

### CAD Architectural Design

#### 1.5 credits required

PLTW Civil Engineering & Architecture A & B  
CAD Architectural Design 1, 2, and 3

#### 1.0 credits needed from electives

Construction Trades Foundation  
Physics with Technology A & B  
Workplace Skills (Internship 0.5 credit max)

### Electrical Engineering

#### 2.0 credits required

PLTW Digital Electronics A & B  
PLTW Principals of Engineering

#### 1.0 credit required

PLTW Engineering Design and Development

#### 1.0 credit needed from electives

Physics with Technology A & B  
Workplace Skills (Internship 0.5 credit max)

### Robotics & Electronics

#### 1.0 credit required

Robotics I  
Robotics II

#### 1.0 credit needed from electives

Computer Programming  
Physics with Technology A & B  
Workplace Skills (Internship 0.5 credit max)

### Mechanical Design (CAD/Drafting)

#### 1.5 credits required

CAD Mechanical Design 1, 2 & 3  
PLTW Introduction to Engineering Design A & B

#### 1.0 credit needed from electives

Engineering Technology  
Physics with Technology A & B  
Workplace Skills (Internship 0.5 credit max)

### Engineering

#### 1.0 credit required CAD/Drafting Component

CAD Mechanical Design 1 & 2 (Technical Design)  
PLTW Introduction to Engineering Design A & B

#### 1.0 credit required Foundation Component

PLTW Principles of Engineering

#### 1.0 credit required Capstone Component

PLTW Engineering Design and Development

#### Electives

Physics with Technology  
Workplace Skills (Internship 0.5 credit max)

## What Are CTE Pathways?

CTE Pathways show students a direct connection between doing well in high school and being able to transition smoothly to post-secondary opportunities or getting a good job when they graduate. Students who focus on a Pathway acquire the skills necessary for entry into well-paid careers with high potential for rapid financial growth, increased levels of responsibility, and a high degree of personal satisfaction.



# Uintah High CTE Pathways

## Plant Science

### 2.0 credits required

Floriculture  
Greenhouse Management  
Landscape Management  
Plant and Soil Science I

### 1.0 credit needed from electives

Agricultural Science I  
Biology—Agricultural Science A & B  
Business Communication I &/or II  
Business Management  
Leadership Principles  
Summer Agricultural Program (0.25 credit)  
Workplace Skills (Internship 0.5 credit max)

## Veterinary & Animal Science

### 2.0 credits required

Animal Science A & B  
Animal Science 2 A & B  
Veterinary Assistant 1 A & B

### 1.0 credit needed from electives

Biology—Agricultural Science A & B  
Equine Science A & B  
Business Communications I &/or II  
Business Management  
Leadership Principles  
Summer Agriculture Program (0.25 credit)  
Workplace Skills (Internship 0.5 credit max)

## Agricultural

## Agricultural Production Systems

### 2.0 credits required

Agricultural Science 1 A & B  
Animal Science A & B  
Plant and Soil Science

### 1.0 credit needed from electives

Animal Science II  
Biology-Agricultural Science  
Business Management  
Business Communication I &/or II  
Leadership Principles  
Summer Ag Experience  
Workplace Skills (Internship 0.5 credit max)

## Commercial Art

### 2.0 credits required

Design and Visual Communication \*  
Commercial and Advertising Art \*

### 1.0 credit needed from electives

3D Animation  
3D Graphics  
Accounting I  
Advanced Production Graphics  
Business management  
Digital Media I  
Digital print Design  
Entrepreneurship  
Graphic Communications, introduction  
Screen printing Technology  
Workplace Skills (Internship 0.5 credit max)  
\*up to 1.0 credit

## Graphic & Commercial Art

## Graphics Printing

### 1.0 credit required

Introduction to Graphic Communications \*  
Intermediate Graphic Communications \*  
Advanced Production Graphics \*  
Digital Print Design\*

### 2.0 credits needed from electives

Design & Visual Communications \*  
Commercial & Advertising Art \*  
Digital Media 1 A & B  
Screen Printing \*  
Workplace Skills (Internship 0.5 credit max)  
\*up to 1.0 credit

## Television Broadcasting Technician

### 1.0 credit required

Television Broadcasting (take class twice)

### 2.0 credits needed from electives

Computer Programming I  
Digital Media 1 A & B  
Workplace Skills (Internship 0.5 credit max)

## Information Technology

## Programming/Software Development

### 1.0 credits required

Computer Science Principles  
Computer Programming I A & B—required

### 1.0 credits required

AP computer Science  
Computer Programming II  
Gaming Development Fundamentals

### 1.0 credits needed from electives

Entrepreneurship  
Exploring Computer Science  
Gaming Development Fundamentals II  
Mobile Development Fundamentals  
Workplace Skills (Internship 0.5 credit max)

## Digital Media

### 2.0 credits required

Digital Media 1 A & B—required  
Digital Media II  
3D Graphics  
3D Animation

### 1.0 credit needed from electives

Gaming Fundamentals I  
Digital Marketing  
Entrepreneurship  
Intro to Graphic Communications  
Workplace Skills (Internship 0.5 credit max)

# Uintah High CTE Pathways

## Business & Marketing

### Marketing & Sales

#### 1.0 credit required

Digital Marketing  
Marketing I  
Marketing II

#### 2.0 credits needed from electives

Business Management  
Economics  
Leadership Principles  
Retailing/School Store  
Sports & Entertainment Marketing  
Workplace Skills (Internship 0.5 credit Max)

### Hospitality & Tourism

#### 1.0 credit required

Marketing I  
Travel & Hospitality

#### 2.0 credits needed from electives

Accounting I  
Business Communication I  
Business Management  
Entrepreneurship  
Pro-Start 2 A & B (1.0 credit)  
Retailing  
Workplace Skills (Internship 0.5 credit max)

### Accounting & Financial Operations

#### 1.0 credit required

Accounting I  
Accounting II  
Advanced Accounting—UBATC

#### 2.0 credits needed from electives

Business Communication I  
Business Communication II  
Business Management  
Business Office Specialist  
Economics  
Retailing  
Workplace Skills (Internship 0.5 credit max)

### Entrepreneurship & Management

#### 1.0 credit required

Entrepreneurship  
Business Management

#### 2.0 credits needed from electives

Accounting I  
Business Communication I  
Business Communication II  
Economics  
Marketing I  
Sports & Entertainment Marketing  
Workplace Skills (Internship 0.5 credit max)

### Office/Administrative & Technical Support

#### 1.0 credit required

Business Communication I  
Business Office Specialist  
Digital Marketing

#### 2.0 credits needed from electives

Accounting I  
Business Communication II  
Business Management  
Computer Science Principles A & B (1.0 credit)  
Digital Media 1 A & B  
Workplace Skills (Internship 0.5 credit max)

## Family & Consumer Science

### Early Childhood Education

#### 1.5 credits required—all classes required

Child Development  
Early Childhood Education I (take twice)

#### 1.5 credits needed from electives

Accounting I  
Adult Roles & Responsibilities  
Entrepreneurship  
Foods & Nutrition I  
USU Human Development FCHD 1500  
Workplace Skills (Internship 0.5 credit max)

### Food Service & Culinary Arts

#### 1.0 credit required

Pro Start I A & B

#### 2.0 credits needed from electives

Food & Nutrition I  
Food & Nutrition II  
Travel & Hospitality  
Pro Start II A & B  
Entrepreneurship  
Workplace Skills (Internship 0.5 credit max)

## Mechanics & Repairs

### Automotive Service Technician

#### 1.5 credits required

Introduction to Automotive UBATC—required \*  
ASE Chassis MLR (can be taken multiple times) UBATC \*

#### 1.5 credits needed from electives

Accounting I  
Business Management  
Digital Electronics \*  
Entrepreneurship  
Welding Technician—Entry Level—UBATC \*  
Workplace Skills (Internship 0.5 credit max)  
\*up to 1.0 credit

### Diesel

#### 1.0 credit required

Diesel Technician (1.0 credit, 2 classes)

#### 2.0 credits needed from electives

Accounting I  
ASE Chassis MLR\*  
Business Management  
Digital Electronics\*  
Entrepreneurship  
Workplace Skills (Internship 0.5 credit max)  
\*up to 1.0 credit

# Precision Production Trades

## Carpentry

**2.0 credits required**

Carpentry I (take twice for 1.0 credit)  
Carpentry II

**1.0 credits required**

CAD Architectural Design 1 & 2  
CAD Mechanical Design 1  
Construction Trades  
Workplace Skills (Internship 0.5 credit max)

## Cabinetmaking/Millwork

**1.5 credits required**

Furniture Design & Manufacturing —UBATC\*  
Cabinetmaking—UBATC\*

**1.5 credits needed from electives**

CAD Architectural Design 1  
CAD Mechanical Design 1 (Technical Design) - UBATC  
PLTW Civil Engineering & Architecture  
PLTW Engineering Design & Development  
Woodworking\*  
Workplace Skills (Internship 0.5 credit max)

“Challenge yourself.  
It’s the **only** path  
which leads to **growth**.”



# Teaching

### Teaching

**1.5 credits required**

Teaching as a Profession 1, 2, &amp; 3

**1.5 credits needed from electives**

Child Development  
Human Development  
Workplace Skills (Internship 0.5 credit max)

# Welding

## Welding

**1.0 credit required**

Welding Technician—Entry Level—UBATC \*

**2.0 credits needed from electives**

Accounting I  
Business Management  
CAD Mechanical Design I - UBATC  
CAD Mechanical Design II - UBATC  
Entrepreneurship  
PLTW Computer Integrated Manufacturing  
PLTW Engineering Design & Development  
Welding Technician—Advanced Level—UBATC \*  
Workplace Skills (Internship 0.5 credit max)  
\*up to 1.0 credit

# Internships

**(Juniors and Seniors Only)**

Application is required with a minimum GPA of 2.0 and good attendance in previous Trimester.

The Internship Program gives high school juniors and seniors the chance to test their career interests before they invest time and money into college and other training. Students must have taken or be currently enrolled in related course work and will attend a Critical Workplace Skills class one day a week and go to the worksite the other days of the week.

This class is a great opportunity for students to see first-hand what is involved in their proposed career choices. Work-site must be related to student's SEOP career goal. Transportation is the responsibility of the parent/guardian and students are not allowed to transport one another. Some participating employers do require a background check and drug screen prior to participation.

**Contact Mr. Aycock for more information—435-781-3110 Ext. 2628 or [brandon.aycock@uintah.net](mailto:brandon.aycock@uintah.net)**