



## Agricultural

### Plant Systems

**2.0 credits required—Choose two or more credits of the following (take one class twice):**

- Floriculture
- Greenhouse Management
- Landscape Management
- Plant and Soil Science 1

**1.0 credit needed from electives:**

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

### Animal Systems

**2.0 credits required—Choose two or more credits of the following:**

- Animal Science A & B
- Equine Science A & B

**1.0 credit needed from electives**

- Agricultural Science 1
- Biology—Agricultural Science A & B
- Business Communications I
- Business Communications II
- Leadership Principles
- Summer Agriculture Program (0.25 credit)
- Workplace Skills (Internship 0.5 credit max)

### Food Production and Processing Systems

**2.0 credits required—Choose two or more credits of the following:**

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

**1.0 credit needed from electives**

- Biology-Agricultural Science
- Business Communication I
- Business Communication II
- Equine Science A & B
- Leadership Principles
- Summer Agriculture Program (0.25 credit)
- Workplace Skills (Internship 0.5 credit max)

## Graphic & Commercial Art

### Commercial Art

**1.0 credit required**

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

**2.0 credits needed from electives**

- Introduction to Graphic Communications \*
- Intermediate Graphic Communications \*
- Advanced Production Graphics \*
- Digital Print Design \*
- Screen Printing Technology \*
- Digital Media 1
- 3D Graphics
- 3D Animation
- CAD Architectural Design 1
- CAD Mechanical Design 1 (Technical Design) - UBATC
- Business Management
- Accounting I
- Entrepreneurship
- Workplace Skills (Internship 0.5 credit max)
- \* (up to 1.0 credit)

### Graphics/Printing

**1.0 credit required**

- Introduction to Graphic Communications \*
- Intermediate Graphic Communications \*
- Advanced Production Graphics \*
- Digital Print Design\*
- Screen Printing Technology \*

**2.0 credits needed from electives**

- Design & Visual Communications \*
- Commercial & Advertising Art \*
- Digital Media 1 A & B
- Business Management
- Accounting I
- Entrepreneurship
- 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**

- Accounting I
- Business Management
- Commercial & Advertising Art\*
- Computer Programming I
- Design & Visual Communications\*
- Digital Electronics A & B
- Digital Media 1 A & B
- Entrepreneurship
- Introduction to Graphic Communications\*
- Workplace Skills (Internship .5 credit max)
- \* (up to 1.0 credit)

# Information Technology

## 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:

Commercial & Advertising Art \*  
Gaming Fundamentals I  
Gaming Fundamentals II  
Digital Marketing  
Design & Visual Communications\*  
Entrepreneurship  
Gaming Development Fundamentals I  
Gaming Development Fundamentals II  
Intro to Graphic Communications  
Television Broadcasting  
Workplace Skills (Internship 0.5 credit max)  
\*(up to 1.0 credit)

## Programming/Software Development

### 1.0 credits required

Computer Programming I A & B—required

### 1.0 credits from the following classes:

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

# Business & Marketing

## Marketing

### 1.0 credit required

Digital Marketing  
Marketing I

### 2.0 credits needed from electives—choose 4 classes

Accounting I  
Accounting 2  
Business Management  
Economics  
Fashion Design Merchandising  
Leadership Principles  
Travel & Hospitality  
Retailing/School Store  
Sports & Entertainment Marketing  
Workplace Skills (Internship 0.5 credit max)

## Hospitality & Tourism

### 1.0 credit required

Marketing 1  
Travel & Hospitality

### 2.0 credits needed from electives—choose 4 classes

Accounting I  
Business Communication I  
Business Management  
Digital Marketing  
Entrepreneurship  
Pro-Start 1 A & B (1.0 credit)  
Pro-Start 2 A & B (1.0 credit)  
Retailing  
Sports and Entertainment Marketing  
Workplace Skills (Internship 0.5 credit max)

## Accounting & Finance

### 1.0 credit required

Accounting I  
Accounting II  
Advanced Accounting—UBATC

### 2.0 credits needed from electives—choose 4 classes

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

## Entrepreneurship & Management

### 1.0 credit required

Entrepreneurship  
Business Management

### 2.0 credits needed from electives—choose 4 classes

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

## Business Administrative & Technical Support

### 1.0 credit required

Business Communication I  
Digital Marketing

### 2.0 credits needed from electives—choose 4 classes

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



# Family & Consumer Science

## Family & Human Services

### 1.5 credits required—all classes required

Child Development  
Food & Nutrition I  
Adult Roles & Responsibilities

### 1.5 credits needed from electives

Foods & Nutrition II  
USU Human Development FCHD 1500  
Workplace Skills (Internship 0.5 credit max)

## Food Service & Culinary Arts

### 2.0 credits required—all classes required

Food & Nutrition I  
Food & Nutrition II  
Pro Start I A & B

### 1.0 credit needed from electives

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

## Early Childhood Education

### 1.5 credits required—all classes required

Child Development  
Early Childhood Education I  
Food & Nutrition I

### 1.5 credits needed from electives

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

# Health Sciences

## Therapeutic Services—Nursing

### 1.0 credit required

Medical Terminology  
Nurse Assistant A

### 2.0 credits needed from electives

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

## Therapeutic Rehabilitation/Exercise

### 2.0 credits required

Exercise Science/Sport Medicine A & B  
Medical Anatomy & Physiology A & B

### 1.0 credit needed from electives

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

# Engineering

## Architectural Design (CAD/Drafting)

### 1.5 to 2.0 credits required

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

### 1.0 or 1.5 credits needed from electives

Cabinetmaking  
Carpentry I  
Construction Trades Foundation  
Interior Design I  
Physics with Technology A & B  
Workplace Skills (Internship 0.5 credit max)

## Electronics

### 1.5 or 2.0 credits required

PLTW Digital Electronics A & B  
PLTW Intro to Engineering Design A & B

### 1.0 or 1.5 credits needed from electives

CAD Architectural Design I  
CAD Mechanical Design I (Technical Design)  
Introduction to Automotive \*  
Physics with Technology A & B  
PLTW Principals of Engineering A & B  
Workplace Skills (Internship 0.5 credit max)  
\* (Up to 1.0 credit)

## Mechanical Design (CAD/Drafting)

### 1.5 or 2.0 credits required

CAD Mechanical Design 1, 2 & 3 (Technical Design)  
PLTW Introduction to Engineering Design A & B  
PLTW Principles of Engineering A & B

### 1.0 or 1.5 credits needed from electives

Manufacturing Principles I  
Physics with Technology A & B  
Welding Technician I \*  
Workplace Skills (Internship 0.5 credit max)  
\* (Up to 1.0 credit)

## Engineering

### CAD/Drafting Component 1.0 credit required

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

### Design Component 1.0 credit required

PLTW Principles of Engineering

### 1.0 credit needed from electives

CAD Mechanical Design 3 (Technical Design)  
PLTW Civil Engineering & Architecture A & B  
PLTW Digital Electronics A & B  
PLTW Engineering Design & Development A & B  
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  
Diesel Technician—UBATC \*  
Digital Electronics \*  
Entrepreneurship  
Welding Technician—Entry Level—UBATC \*  
Workplace Skills (Internship 0.5 credit max)  
\*(up to 1.0 credit)

## Heavy Duty 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  
Introduction to Automotive\*  
Workplace Skills (Internship 0.5 credit max)  
\*(up to 1.0 credit)

# Welding

## Welding

### 1.0 credit required

Welding Technician—Entry Level—UBATC \*  
Welding Technician—Intermediate Level—UBATC \*

### 2.0 credits needed from electives

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

# Precision Production Trades

## Building Trades—Carpentry

### 1.5 credits required

Carpentry I (take twice for 1.0 credit)  
Construction Trades

### 1.5 credits required

Accounting I  
Business Management  
Cabinetmaking  
CAD Architectural Design\*  
CAD Mechanical Design (Technical Design)- UBATC\*  
Entrepreneurship  
Furniture Design & Manufacturing\*  
Woodworking \*  
Workplace Skills (Internship 0.5 credit max)  
\*(up to 1.0 credit)

## Cabinetmaking/Millwork

### 1.0 credit required

Furniture Design & Manufacturing —UBATC\*  
Woodworking A—UBATC\*

### 2.0 credits needed from electives

Accounting I  
Business Management  
Cabinetmaking—UBATC \*  
CAD Architectural Design I  
CAD Mechanical Design I (Technical Design) - UBATC  
Carpentry I\*  
Commercial & Advertising Art \*  
Design & Visual Communications\*  
Entrepreneurship  
PLTW Civil Engineering & Architecture  
PLTW Engineering Design & Development  
Welding Technician—Entry Level—UBATC \*  
Workplace Skills (Internship 0.5 credit max)  
\*(up to 1.0 credit)