

# Agriculture, Food and Natural Resources



**Agriculture, Food & Natural Resources**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Agricultural Production Systems



**Agricultural Production Systems**  
CAREER PATHWAY  
Agriculture, Food & Natural Resources  
CAREER CLUSTER

### Agricultural Production Systems

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Agricultural Science 1A/B (1.0)
- o Bio-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)

#### Concentrator Courses

#### Completer Courses

- o CTE Internship (.5)

## Animal & Veterinary Science



**Animal & Veterinary Science**  
CAREER PATHWAY  
Agriculture, Food & Natural Resources  
CAREER CLUSTER

### Animal & Veterinary Science

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Agricultural Science 1A/B (1.0)
- o Animal Science 1A/B (1.0)
- o Bio-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Equine Science 1 (.5)
- o Veterinary Assistant 1 (1.0)

#### Concentrator Courses

#### Completer Courses

- o CTE Internship (.5)

## Plant Science



**Plant Science**  
CAREER PATHWAY  
Agriculture, Food & Natural Resources  
CAREER CLUSTER

### Plant Science

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Agricultural Science 1 A/B (1.0)
- o Bio-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Plant & Soil Science A/B (1.0)

#### Concentrator Courses

- o Floriculture (.5)

#### Completer Courses

- o Greenhouse Management (.5)
- o Landscape Management (.5)
- o CTE Internship (.5)

## Agriculture, Food and Natural Resources



**Agriculture, Food & Natural Resources**  
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## Food Science, Dietetics & Nutrition



**Food Science, Dietetics & Nutrition**  
CAREER PATHWAY  
Agriculture, Food & Natural Resources  
CAREER CLUSTER

### Food Science, Dietetics & Nutrition

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Food and Nutrition 1 (.5)
- o Human Development (.5) 
- o Med. Anatomy & Physiology A/B (1.0) 

#### Concentrator Courses

- o Food & Nutrition 2 (.5)

#### Completer Courses

- o CTE Internship (.5)

## Natural Resource Science



**Natural Resource Science**  
CAREER PATHWAY  
Agriculture, Food & Natural Resources  
CAREER CLUSTER

### Natural Resource Science

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Agricultural Science 1A/B (1.0)
- o Biology-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Natural Resource Science 1 (.5)

#### Concentrator Courses

- o Natural Resource Science 2 (.5)

#### Completer Courses

- o CTE Internship (.5)

## Architecture & Construction



**Architecture & Construction**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Architectural Design (CAD)



**Architectural Design (CAD)**  
CAREER PATHWAY  
Architecture & Construction  
CAREER CLUSTER

### Architectural Design (CAD)

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o CAD Architectural Design 1 (.5)
- o Carpentry 1 (1.0)
- o Construction Technology (.5)

#### Concentrator Courses

- o CAD Architectural Design 2 (.5)

#### Completer Courses

- o CAD Architectural Design 3 (.5)
- o CTE Internship (.5)

## Construction & Structural Systems



**Construction & Structural Systems**  
CAREER PATHWAY  
Architecture & Construction  
CAREER CLUSTER

### Construction & Structural Systems

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Construction Technology (.5)
- o Woods 1 (.5)

#### Concentrator Courses

- o Carpentry 1 (1.0)

#### Completer Courses

- o Carpentry 2 (1.0)
- o CTE Internship (.5)

## Interior Design



**Interior Design**  
CAREER PATHWAY  
Architecture & Construction  
CAREER CLUSTER

### Interior Design

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Business Communication 1 (.5)
- o CAD Architectural Design 1 (.5)
- o Digital Graphic Arts Intro (.5)
- o Interior Design 1 (.5)
- o Marketing 1 (.5)

#### Concentrator Courses

- o Interior Design 2 (.5)

#### Completer Courses

- o CTE Internship (.5)
- o Sewing Construction and Textiles 3 (.5)

## Arts, Audio/Visual Technology & Communications



Arts, Audio/Visual  
Technology & Communications  
Utah Career and Technical Education  
CAREER CLUSTERS



## Broadcasting & Digital Media



**Broadcasting & Digital Media  
CAREER PATHWAY**  
Arts, Audio/Visual Technology & Communications  
CAREER CLUSTER

### Broadcasting & Digital Media:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o 3D Graphics (.5)
- o 3D Animation (.5)
- o Augmented & Virtual Reality (.5)
- o Computer Science Principles 1 (1.0)
- o Computer Programming 1 A/B(1.0)
- o Digital Graphics Arts Intro (.5)
- o Digital Print Design (.5)
- o Game Development Fundamentals 1 (.5)
- o Screen Printing Technology (.5)
- o Web Development 1 (.5)

#### Concentrator Courses

- o Digital Media 1 (.5)
- o TV Broadcasting 1 (.5)
- o Sports & Entertainment Marketing (.5)

#### Completer Courses

- o Digital Media 2 (.5)
- o CTE Internship (.5)

## Graphic Design & Communication



**Graphic Design & Communication  
CAREER PATHWAY**  
Arts, Audio/Visual Technology & Communications  
CAREER CLUSTER

### Graphic Design & Communication:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Commercial Art 1A/B (1.0)
- o Digital Graphics Arts Intro (.5)
- o Digital Print Design (.5)
- o Screen Printing Technology (.5)

#### Concentrator Courses

- o Commercial Art 2 (.5)
- o Commercial Art 4A-C (Year Book) (.5)
- o Commercial Photography 1 (.5)
- o Production Graphics 1 (.5)

#### Completer Courses

- o Commercial Photography 2 (.5)
- o CTE Internship (.5)
- o Production Graphics 2 (.5)

## Business, Finance & Marketing



**Business, Finance & Marketing**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Accounting & Finance



**Accounting & Finance**  
CAREER PATHWAY  
Business, Finance & Marketing  
CAREER CLUSTER

### Accounting & Finance:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Sports & Entertainment Marketing (.5)
- o Web Development (.5)

#### Concentrator Courses

- o Accounting 2 (.5)
- o Advanced Accounting (.5) 

#### Completer Courses

- o CTE Internship (.5)

## Business Administration



**Business Administration**  
CAREER PATHWAY  
Business, Finance & Marketing  
CAREER CLUSTER

### Business Administration:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Sports & Entertainment Marketing (.5)
- o Web Development (.5)

#### Concentrator Courses

- o Business Management (.5)

#### Completer Courses

- o CTE Internship (.5)

## Business Information Management



**Business Information Management**  
CAREER PATHWAY  
Business, Finance & Marketing  
CAREER CLUSTER

### Business Information Management :

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Web Development (.5)

#### Concentrator Courses

- o Business Office Specialist (.5)

#### Completer Courses

- o CTE Internship (.5)

## Marketing



**Marketing**  
CAREER PATHWAY  
Business, Finance & Marketing  
CAREER CLUSTER

### Marketing

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Sports & Entertainment Marketing (.5)
- o Web Development (.5)

#### Concentrator Courses

- o Digital Marketing (.5)

#### Completer Courses

- o CTE Internship (.5)

## Computer Science & Information Technology



**Computer Science & Information Technology**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Programming & Software Development



**Programming & Software Development  
CAREER PATHWAY**  
Computer Science & Information Technology  
CAREER CLUSTER

### Programming & Software Development

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o AP Computer Science Principles (.5)
- o Computer Programming 1A/B (1.0)
- o Exploring Computer Science (.5)
- o Game Development Fundamentals 1 (.5)
- o Robotics 1 (.5)

#### Concentrator Courses

- o Computer Programming 2A/B (1.0)
- o Game Development Fundamentals 2 (.5)

#### Completer Courses

- o CTE Internship (.5)

## Information Technology Systems



**Business Information Management  
CAREER PATHWAY**  
Business, Finance & Marketing  
CAREER CLUSTER

### Information Technology Systems

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Computer Programming 1 (1.0)
- o Computer Science Principles 1 (.5)
- o Exploring Computer Science (.5)
- o Robotics 1 (.5)

#### Concentrator Courses

- o Geo Info Systems, Intro (.5)

#### Completer Courses

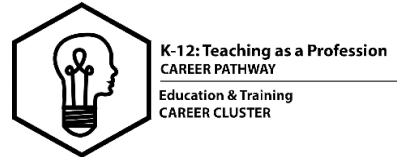
- o Geo Info Systems Remote Sensing (.5)
- o CTE Internship (.5)



## Education & Training



## K-12: Teaching as a Profession



**K-12: Teaching as a Profession**  
*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

### Explorer Courses

- o Business Communication I (.5)
- o English 1010 (.5) 
- o Human Development (.5) 
- o Math 1050 (.5) 
- o Teaching as a Profession 1 (.5)
- o Early Childhood Education (.5)

### Concentrator Courses

- o Teaching as a Profession 2 (.5)

### Completer Courses

- o Teaching as a Profession 3 (.5)
- o CTE Internship (.5)

## Human Services



## Behavioral Health & Social Services



**Behavioral Health & Social Services**  
*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

### Explorer Courses

- o Behavioral Health, Intro (.5)
- o Health Science, Intro (.5) 
- o Human Development (.5) 

### Concentrator Courses

- Personal & Family Finance (.5) (GradPoint)

### Completer Courses

- o CTE Internship (.5)

# Engineering & Technology



**Engineering & Technology**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Engineering



**Engineering**  
CAREER PATHWAY  
Engineering & Technology  
CAREER CLUSTER

### Engineering:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o CAD Architectural Design 1 (.5) 
- o CAD Mechanical Design 1 (.5) 
- o Electronics 1 (.5)
- o Engineering Principles 1 (.5)
- o Engineering Technology (.5)
- o Manufacturing Principles 1 (.5)
- o Robotics 1 (.5)
- o Welding Technician, Entry Level (.5) 
- o Woods 1(.5)

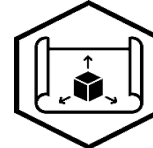
#### Concentrator Courses

- o Engineering Principles 2 (.5)
- o Robotics 2 (.5)

#### Completer Courses

- o CTE Internship (.5)
- o Engineering Capstone A/B (1.0)

## Mechanical Design (CAD)



**Mechanical Design (CAD)**  
CAREER PATHWAY  
Engineering & Technology  
CAREER CLUSTER

### Mechanical Design (CAD)

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o CAD Mechanical Design 1 (.5) 
- o Engineering Technology (.5)
- o Welding Technician, Entry Level (1.0) 
- o Woods 1(.5) 

#### Concentrator Courses

- o CAD Mechanical Design 2 (.5) 

#### Completer Courses

- o CTE Internship (.5)



## Health Science



**Health Science**  
Utah Career and Technical Education  
CAREER CLUSTERS



**Health Science  
CAREER PATHWAY**  
Health Science CAREER CLUSTER

### Health Science

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Health Science Intro (.5) 
- o Human Development (.5) 
- o Med. Anatomy & Physiology A/B (1.0) 
- o Medical Math (.5) 
- o Medical Terminology (.5) 

#### Concentrator Courses

- o Emergency Med Responder (.5) 
- o Exercise Science/Sports Med A/B (1.0) 
- o Nurse Assistant A/B (CNA) (.5) 
- o Surgical Technician (1.0) 
- o Pharmacy Technician (1.0) 

#### Completer Courses

- o CTE Internship (.5)



## Health Science



**Human Services**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Human Services

## Behavioral Health & Social Services



**Behavioral Health & Social Services  
CAREER PATHWAY**  
Human Services CAREER CLUSTER

### Behavioral Health & Social Services

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Behavioral Health, Intro (.5)
- o Health Science, Intro (.5) 
- o Human Development (.5) 

#### Concentrator Courses

- Personal & Family Finance (.5) (GradPoint)

#### Completer Courses

- o CTE Internship (.5)

## Hospitality & Tourism



**Hospitality & Tourism**  
Utah Career and Technical Education  
**CAREER CLUSTERS**



## Hospitality & Tourism



**Hospitality & Tourism**  
**CAREER PATHWAY**  
Hospitality & Tourism  
**CAREER CLUSTER**

### Hospitality & Tourism:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

### Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Culinary 1A/B (1.0)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Web Development 1 (.5)

### Concentrator Courses

- o Hospitality & Tourism (.5)

### Completer Courses

- o CTE Internship (.5)

## Human Services



### Human Services

Utah Career and Technical Education  
CAREER CLUSTERS



## Behavioral Health & Social Services



Behavioral Health & Social Services  
CAREER PATHWAY  
Human Services CAREER CLUSTER

### Behavioral Health & Social Services

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Behavioral Health, Intro (.5)
- o Health Science, Intro (.5) 
- o Human Development (.5) 

#### Concentrator Courses

Personal & Family Finance (.5) (GradPoint)

#### Completer Courses

- o CTE Internship (.5)

## Manufacturing



**Manufacturing**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Manufacturing & Production



**Manufacturing & Production  
CAREER PATHWAY**  
Manufacturing CAREER CLUSTER

### Manufacturing & Production:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o CAD Mechanical Design 1 (.5) 
- o Manufacturing Principles 1 (.5)
- o Woods 1 (.5) 

#### Concentrator Courses

- o Woods 2 (.5) 

#### Completer Courses

- o Woods 3 (.5) 
- o CTE Internship (.5)

## Welding & Machining



**Welding & Machining  
CAREER PATHWAY**  
Manufacturing CAREER CLUSTER

### Welding & Machining

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Welding Tech, Entry Level (1.0) 

#### Concentrator Courses

- o Welding Tech, Intermediate Level (1.0) 

#### Completer Courses

- o Welding Tech, Advanced Level (1.0) 
- o CTE Internship (.5)

## Transportation, Distribution & Logistics



**Transportation, Distribution & Logistics**  
Utah Career and Technical Education  
CAREER CLUSTERS



## Auto Mechanics & Repairs



**Auto Mechanics & Repairs**  
CAREER PATHWAY  
Transportation, Distribution & Logistics  
CAREER CLUSTER

### Auto Mechanics & Repairs:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Automotive, Intro (.5)
- o Electronics 1 (.5)
- o Welding Technician, Entry Level (1.0)

#### Concentrator Courses

- o ASE MLR (.5) (Take multiple times)

#### Completer Courses

- o ASE MLR (.5) (Take multiple times)
- o CTE Internship (.5)

## Diesel



**Diesel**  
CAREER PATHWAY  
Transportation, Distribution & Logistics  
CAREER CLUSTER

### Diesel:

*To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.*

#### Explorer Courses

- o Automotive, Intro (.5)
- o Electronics 1 (.5)
- o Welding Technician, Entry Level (1.0)

#### Concentrator Courses

- o Diesel 1 (.5)

#### Completer Courses

- o CTE Internship (.5)

