

# Statewide Programs of Study

Abilene Independent School District

Revised 2.3.25

## AGRICULTURE, FOOD, AND NATURAL RESOURCES

### Animal Science

- Level 1 Principles of Agriculture, Food, and Natural Resources (1.0)  
Level 2 \*Small Animal Management/Equine Science (Paired: 0.5/0.5) even years in Aug.  
Entrepreneurship I (1.0)  
Level 3 \***Livestock Production** (1.0) odd years in Aug.  
Level 4 **Veterinary Medical Applications** (1.0)  
**Practicum in Agriculture, Food, & Natural Resources** (2.0)

### Agricultural Technology and Mechanical Systems

- Level 1 Principles of Agriculture, Food, and Natural Resources (1.0)  
Level 2 \*Agricultural Mechanics and Metal Technologies (1.0) odd years in Aug  
Level 3 \***Agricultural Structures Design and Fabrications** (1.0) even years in Aug  
Level 4 **Practicum in Agriculture, Food, & Natural Resources** (2.0)

### Plant Science

(In Development - beginning 2025-2026)

- Level 1 Principles of Agriculture, Food, and Natural Resources (1.0)  
Level 2 Greenhouse Operations and Production (1.0)  
Entrepreneurship I (1.0)

\*Course is offered every other year.

## ARCHITECTURE AND CONSTRUCTION

### Carpentry

- Level 1 Principles of Construction (1.0)  
Level 2 Construction Technology I (2.0)  
Entrepreneurship I (1.0)  
Level 3 **Construction Technology II** (2.0)  
**Mill and Cabinetmaking Technology** (2.0)  
Level 4 **Practicum in Construction Technology** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

### Electrical

- Level 1 Principles of Construction (1.0)  
Level 2 Electrical Technology I (1.0)  
Entrepreneurship I (1.0)  
Level 3 **Electrical Technology II** (2.0)  
Level 4 **Practicum in Construction Technology** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

## BUSINESS, MARKETING, AND FINANCE

### Accounting and Financial Services

- Level 1 Business Information Management I (1.0)  
Money Matters (1.0)  
Principles of Business, Marketing, and Finance (1.0)  
Level 2 Accounting I (1.0)  
Financial Mathematics (1.0)  
Entrepreneurship I (1.0)  
Level 3 **Accounting II** (1.0)  
Level 4 **Career Preparation for Programs of Study Extended** (3.0)

### Business Management

- Level 1 Business Information Management I (1.0)  
Principles of Business, Marketing, and Finance (1.0)  
Level 2 **Business Management** (1.0)  
Entrepreneurship I (1.0)  
Level 3 **Statistics and Business Decision Making** (1.0)  
Level 4 **Career Preparation for Programs of Study Extended** (3.0)

## ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS

### Digital Communications

- Level 1 Audio/Video Production I (1.0) or  
Audio/Video Production I with Lab (2.0)  
Level 2 Digital Audio Technology I (1.0)  
Entrepreneurship I (1.0)  
Level 3 **Audio/Video Production II** (1.0) or  
**Audio/Video Production II with Lab** (2.0)  
**Digital Audio Technology II** (1.0)  
Level 4 **Practicum of Audio/Video Production** (2.0)

### Graphic Design and Interactive Media

- Level 1 Digital Media (1.0)  
Video Game Design (1.0)  
Level 2 Animation I (1.0)  
Graphic Design and Illustration I (1.0)  
Entrepreneurship I (1.0)  
Level 3 **Animation II with Lab** (2.0)  
**Graphic Design and Illustration II with Lab** (2.0)  
Level 4 **Practicum in Animation** (2.0)  
**Practicum in Graphic Design and Illustration** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

## EDUCATION AND TRAINING

### Early Learning

- Level 1 Principles of Education and Training (1.0)  
Principles of Human Services (1.0)  
Level 2 Child Development (1.0)  
Level 3 **Child Guidance** (2.0)  
Level 4 **Career Preparation for Programs of Study Extended** (3.0)

### Teaching and Training

- Level 1 Principles of Education and Training (1.0)  
Principles of Human Services (1.0)  
Level 2 Child Development (1.0)  
Human Growth and Development (1.0)  
Level 3 **Instructional Practices** (2.0)  
Level 4 **Practicum in Education and Training** (2.0) or (3.0)  
**Career Preparation for Programs of Study Extended** (3.0)

## ENGINEERING

### Engineering Foundations

- Level 1 Engineering Essentials (PLTW) (1.0)  
Introduction to Engineering Design (PLTW) (1.0)  
Level 2 Engineering Science (1.0)  
Level 3 **Computer Integrated Manufacturing (PLTW)** (1.0)  
**Aerospace Engineering (PLTW)** (1.0)  
**Engineering Design and Development (PLTW)** (1.0)  
Level 4 **Practicum in STEM** (2.0)

### Drone (Unmanned Flight)

- Level 1 Introduction to Unmanned Aerial Vehicles (UAV) (1.0)  
Level 2 Robotics I – Drones (1.0)  
Level 3 **Robotics II – Drones** (1.0)  
Level 4 **Practicum in Manufacturing – Drones** (2.0)

## HEALTH SCIENCE

### Diagnostic & Therapeutic Services

- Level 1 Principles of Health Science (1.0)
- Level 2 Medical Terminology (1.0)
- Level 3 **Anatomy and Physiology** (1.0)  
**Health Science Theory/Health Science Clinical** (2.0)  
[DHS, CNA]
- Level 4 **Medical Microbiology** (1.0)  
**Practicum in Health Science** (2.0)  
[CMA, PHARM, RDA, CNA]

## HOSPITALITY AND TOURISM

### Culinary Arts

- Level 1 Introduction to Culinary (1.0)  
Principles of Hospitality and Tourism (1.0)
- Level 2 Culinary Arts (1.0)  
Entrepreneurship I (1.0)
- Level 3 **Advanced Culinary Arts** (2.0)
- Level 4 **Practicum in Culinary Arts** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

## HUMAN SERVICES

### Family and Community Services

- Level 1 Principles of Human Services (1.0)
- Level 2 Child Development (1.0)  
Human Growth and Development (1.0)
- Level 3 **Family and Community Services** (1.0)
- Level 4 **Practicum of Human Services** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

### Cosmetology

- Level 1
- Level 2 Introduction to Cosmetology (1.0)  
Entrepreneurship I (1.0)
- Level 3 **Cosmetology I with Lab** (3.0)
- Level 4 **Cosmetology II with Lab** (3.0)

## INFORMATION TECHNOLOGY

### Networking Systems

- (The LIFT Center)
- Level 1 Computer Science I (1.0)  
Principles of Information Technology (1.0)
- Level 2 Computer Maintenance (1.0) or  
Computer Maintenance with Lab (2.0)  
Entrepreneurship I (1.0)
- Level 3 **Networking** (1.0)  
**Networking with Lab** (2.0)
- Level 4 **Practicum in Information Technology** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

### Other CTE Courses

- Robotics I - Competition (1.0)
- Robotics II - Competition (1.0)
- Parenting Education I & II (1.0)
- Career Preparation General (2.0) Extended (3.0)
- Career and College Readiness (.5) Middle school – no high school credit

## INFORMATION TECHNOLOGY (Cont.)

### Cybersecurity

- Level 1 Foundations of Cybersecurity (1.0)
- Level 2 Computer Science I (1.0)  
Computer Maintenance (1.0) or  
Computer Maintenance with Lab (2.0)
- Level 3 **Networking** (1.0)  
**Networking with Lab** (2.0)
- Level 4 **Cybersecurity Capstone** (1.0)  
**Practicum in Information Technology** (2.0) or  
**Practicum in STEM** (2.0)

### Programming and Software Development

- Level 1
- Level 2 Computer Science I (1.0)  
Entrepreneurship I (1.0)
- Level 3 **Computer Science II** (1.0)  
**AP Computer Science A, LOTE** (1.0)
- Level 4 **Practicum in Information Technology** (2.0) or  
**Practicum in STEM** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

## LAW AND PUBLIC SERVICE

### Law Enforcement

- Level 1 Principles of Law, Public Safety, Corrections, and Security (1.0)
- Level 2 Law Enforcement I (1.0)  
Criminal Investigations (1.0)
- Level 3 **Correctional Services** (1.0)
- Level 4 **Forensic Science** (1.0)

## MANUFACTURING

### Welding

- (The LIFT Center)
- Level 1 Introduction to Welding (1.0)
- Level 2 Welding I (2.0)  
Entrepreneurship I (1.0)
- Level 3 **Welding II** (2.0) – (Dual credit)
- Level 4 **Practicum in Manufacturing** (2.0) or  
**Practicum/Extended Practicum in Manufacturing** (3.0)  
**Career Preparation for Programs of Study Extended** (3.0)

## TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

### Automotive

- Level 1 Automotive Basics (1.0)
- Level 2 **Automotive Technology I: Maintenance & Light Repair** (2.0)  
Entrepreneurship I (1.0)
- Level 3 **Automotive Technology II** (2.0)
- Level 4 **Practicum in Transportation Systems** (2.0)  
**Career Preparation for Programs of Study Extended** (3.0)

**CTE Concentrator** = completion of two CTE courses for two or more credits within a Programs of Study.

**CTE Completer** = completion of three or more courses for four or more credits, including level three or level four course within a Programs of Study