

# Dupo High School Course Curriculum & Selection Guide

## CHANGE SUMMARY 2025-26

### OVERALL NOTES

- General formatting and clean-up will be done prior to publishing the course selection guide. (We will make sure that headings are consistent throughout, page breaks are appropriate, etc.)

### GRADUATION REQUIREMENTS

- Early Graduation - Removed criteria #5: ~~The student must have also met or exceeded the SAT college readiness benchmark with Evidence-Based Reading and Writing score of at least 480 and a Math score of at least 530.~~

We believe that graduation requirements should not be determined by minimum standardized test scores, especially since they are not required for traditional graduation. Also, ISBE has dropped the SAT assessment for Illinois High Schools and has returned to the ACT.

### DUAL CREDIT OPPORTUNITIES

- Updated Dual Credit Infographics and Tables to reflect the Electrical and HVAC courses.

### COLLEGE AND CAREER PATHWAY ENDORSEMENT (CCPE)

- A College and Career Pathway Endorsement is awarded on Illinois high school diplomas/transcripts to simultaneously demonstrate students' readiness for postsecondary programs and entry-level professional learning experiences in a selected career interest area. In addition to our existing Military & Public Service and Business Management & Administration CCPEs, we have updated our Architecture & Construction CCPE to include two pathways within the program (Electrical and/or HVAC). **The updated proposal would make HVAC the 4th CCPE offered locally at Dupo High School.**
- Noted that: **"In order to be eligible for the CCPE Endorsement, students must pass an Orientation or Intro Course, a Skills Course, an Advanced Course, and Workplace Experience."**
- Noted that: **"Presently, there are no lab fees associated with vocational education. Tuition and fees associated with local programming or career centers, such as CAVC and CCSI, is paid by the District and waived for all home district-enrolled students."**
- **Updated CCPEs:** The following table reflects the revised scope and sequence of our Architecture & Construction CCPEs.

Scope	Architecture and Construction 46.0302 and 47.0201	
Orientation	Career Exploration	
	<b>Year 1</b>	<b>SWIC Course</b>
Intro	<b>Production Technology</b> (2 Periods - Fall) <i>(Illinois State Course Code: 13052A001)</i>	EET 101
Skills	<b>Beginning Electricity</b> (2 periods - Spring) <i>(Illinois State Course Code: 17102A005)</i>	EET 101/131
	<b>Year 2: Option 1 - Architecture and Construction 46.0302</b>	
Advanced	<b>Electrical Trades I</b> (2 periods - Fall) <i>(Illinois State Course Code: 17102A003)</i>	EET 240
Advanced	<b>Electrical Trades II</b> (2 periods - Spring) <i>(Illinois State Course Code: 17102A004)</i>	EET 246
Workplace Experience	<b>Electricity Workplace Experience</b> → Certification <i>(Illinois State Course Code: 17998A003)</i>	
	<b>Year 2: Option 2 - Architecture and Construction 47.0201</b>	
Advanced	<b>HVAC I</b> (2 periods - Fall) <i>(Illinois State Course Code: 17056A001)</i>	HVAR 152
Advanced	<b>HVAC II</b> (2 periods - Spring) <i>(Illinois State Course Code: 17056A002)</i>	HVAR 256
Workplace Experience	<b>HVAC Workplace Experience</b> → Certification <i>(Illinois State Course Code: 17098A001)</i>	

## 13 Manufacturing (Vocational)

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13052A001 - Production Technology CTE Course
Grades- 10, 11, 12 Graduation Requirement- No Prerequisites- None Credit- 2.0 <b>DUAL CREDIT COURSE - EET 101a</b>
This course is designed as the beginning course for those entering the electrical and/or electronics career field. The course's primary focuses are to (1) inform students about the variety of specialty areas, categories of work relevant to the field, and educational requirements and opportunities that can lead to successful employment; (2) introduce students to the fundamental principles of electricity, basic

electrical circuits, electrical/electronic components, and electrical/electronics diagrams; and (3) provide the opportunity for students to become skilled in using common test equipment and tools used to construct, install, measure, and repair electrical wiring and cabling, and electrical/electronic systems and equipment.

## 17 Architecture and Construction (Vocational)

### 17102A005 - Beginning Electricity CTE Course

Grades- 10, 11, 12  
 Graduation Requirement- No  
 Prerequisites- Production Technology  
 Credit- 2.0

***DUAL CREDIT COURSE - EET 101b & 131***

This course is designed to provide the student with the basic knowledge and skills necessary to install, repair, and estimate costs for wiring of residential, commercial, industrial and/or specialized electrical systems. Students will learn the principles of and get hands on experience on how to safely and properly wire electrical circuits and devices according to the National Electrical Code.

### 17102A003 - Electrical Trades I CTE Course

Grades- 11, 12  
 Graduation Requirement- No  
 Prerequisites- Beginning Electricity  
 Credit- 2.0

***DUAL CREDIT COURSE - EET 240***

Presented in this course will be construction features, principles of operations and characteristics of DC and AC motors and variable speed drives. The testing and troubleshooting of motors will also be covered along with connecting and programming variable speed drives. Lab work will include demonstrations and hands-on work with various motors and drives including basic test equipment.

### 17102A004 - Electrical Trades II CTE Course

Grades- 11, 12  
 Graduation Requirement- No  
 Prerequisites- Electrical Trades I  
 Credit- 2.0

***DUAL CREDIT COURSE - EET 246***

This course will cover the generation, transmission, and distribution of electrical power. The components and methods used to accomplish this will be included along with the safety procedures that are necessary in handling high-voltage electricity.

**17998A003 - Electricity Workplace Experience CTE Course**

Grades- 11, 12  
 Graduation Requirement- No  
 Prerequisites- Electrical Trades I  
 Credit- 2.0 to 3.0

Electricity/Electronics Workplace Experience courses provide students with work experience in a field related to electricity and/or electronics. Goals must be set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses must include classroom instruction at least once per week, involving further study of the field, discussion of relevant topics that are responsive to the workplace experience, and employability skill development. Workplace Experience courses must be taught by an approved WBL educator-coordinator. These courses should be aligned to a Career Development Experience that could include: Student-led Enterprises; School-based Enterprises; Immersion Supervised Agricultural Experiences; Clinical Experiences in Health Science and Technology programs; Internships; and Apprenticeship programs including Youth Apprenticeships, Preapprenticeships, and Registered Apprenticeships.

**17056A001 - HVAC I CTE Course**

Grades- 11, 12  
 Graduation Requirement- No  
 Prerequisites- Production Technology (and Beginning Electricity if seeking Dual Credit)  
 Credit- 2.0

***DUAL CREDIT COURSE***

This course is an introduction to the principles and practices employed in the installation, maintenance, and repair of basic air conditioning and heating systems units. Instruction is provided in safety precautions related to electricity, heating units, rotating machinery, refrigerants, and the use of power tools. Instruction includes basic electrical concepts, circuits, transformers, motors and motor controls, and circuit protection devices. Emphasis is also placed on basic refrigeration principles, gas laws, pressure, fluidics, heat and heat transfer, refrigerants, compressors, and lubrication systems. Activities include experiences in using hand tools, gauges, and test instruments used in cutting, reaming, flaring, swaging, bending, soldering, and brazing copper tubing; evacuating and charging refrigeration systems, and inspecting and testing electrical and air conditioning circuits and component parts.

**17056A002 - HVAC II CTE Course**

Grades- 11, 12  
 Graduation Requirement- No  
 Prerequisites- None  
 Credit- 2.0

***DUAL CREDIT COURSE***

This course builds on the foundational skills introduced in HVAC I. Students learn the mechanics and electrical fundamentals needed to work as a HVACR technician. Installation, maintenance, and repair of residential forced air heating systems, alternative energy sources, hydronic heating systems, heat pumps, and air conditioners are taught.

**17098A001 - HVAC Workplace Experience Course**

Grades- 11, 12

Graduation Requirement- No

Prerequisites- None

Credit- 2.0 to 3.0

HVAC Workplace Experience courses provide work experience in a field related to air conditioning, heating, and/or plumbing. Goals must be set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses must include classroom instruction at least once per week, involving further study of the field, discussion of relevant topics that are responsive to the workplace experience, and employability skill development. Workplace Experience courses must be taught by an approved WBL educator-coordinator. These courses should be aligned to a Career Development Experience that could include: Student-led Enterprises; School-based Enterprises; Immersion Supervised Agricultural Experiences; Clinical Experiences in Health Science and Technology programs; Internships; and Apprenticeship programs including Youth Apprenticeships, Pre-apprenticeships, and Registered Apprenticeships.