



THE ACADEMY OF
**AGRICULTURE &
SKILLED TRADES**

**Agriculture & Skilled Trades:
Where Skills Take Root
&
Futures are Built!**

**Interim Joint Committee on
Agriculture**

Thursday, October 1, 2026

8:30 AM CT



Agriculture & Skilled Trades: Where Skills Take Root & Futures are Built!



- Ken Carver, Executive Principal, CCHS
- Cindy Campbell, Principal, Academy of Agriculture & Skilled Trades
- Sandra Hancock, Academy Coach
- Christina Russell, Career & Technical Education Coordinator
- Julie Gilliam, AG Teacher
- Sidney Johnson, AG Teacher
- Cameron Williams, Student
- Sarah Kate Gilliam, Student
- Kevin Gomez, Student



TIGERS

OUR VISION: TOGETHER,
CHRISTIAN COUNTY HIGH SCHOOL
AND OUR COMMUNITY WILL EQUIP
AND EMPOWER FUTURE-READY
LEADERS FOR EMPLOYMENT,
ENROLLMENT, AND ENLISTMENT.









THE ACADEMY OF AGRICULTURE & SKILLED TRADES

**Agribusiness Systems • Ag Power, Structural & Technical Systems • Animal Science Systems • Plant Science Systems
Aircraft Maintenance Technician • Automotive Maintenance & Light Repair • Residential Maintenance Carpenter Assistant • Army JROTC**

Aircraft Maintenance Technician

Pathway Course Sequence

- 210226 Introduction to Aerospace and Aviation
- 210233 Aviation I
- 210139 Introduction to Aircraft Maintenance Technology
- Choose one course from the following:
 - 210240 Aviation Capstone
 - 210330 Engineering Co-op I
 - 210331 Engineering Internship

Fusion WBL Program Opportunities

- 210330 Engineering Co-op I
- 210331 Engineering Internship

Industry Certification Opportunities

- FAA - Airframe and Power Plant General Written Exam

Student Leadership Opportunities

- SkillsUSA

Automotive Maintenance & Light Repair

Pathway Course Sequence

- 470507 Automotive Maintenance & Light Repair - Section A
- 470509 Automotive Maintenance & Light Repair - Section B
- 470511 Automotive Maintenance & Light Repair - Section C
- 470513 Automotive Maintenance & Light Repair - Section D

Fusion WBL Program Opportunities

- 470501 Co-op I (Auto)

Industry Certification Opportunities

- ASE Student Certification Automotive Maintenance & Light Repair (MLR) AND
- OSHA 10

Student Leadership Opportunities

- SkillsUSA

Residential Maintenance Carpenter Assistant

Pathway Course Sequence

- 460241 Introduction to Building Construction Technology
- 460220 Residential Maintenance Carpentry
- 460333 Residential Maintenance Wiring
- 460818 Residential HVAC Maintenance
- 460516 Residential Maintenance Plumbing

Fusion WBL Program Opportunities

- 460229 Co-op (BAM)

Industry Certification Opportunities

- OSHA 10 AND
- National Center for Construction Education Research (NCCER) - Core Curriculum AND
- Choose 1 NCCER:
 - Construction Carpentry Level 1
 - Electrical Technician Level 1
 - HVAC Level 1
 - Plumbing Level 1

Student Leadership Opportunities

- SkillsUSA

Army JROTC

Pathway Course Sequence

- 580240 Army Junior ROTC Level 1
- 580241 Army Junior ROTC Level 2
- 580242 Army Junior ROTC Level 3
- 580243 Army Junior ROTC Level 4
- 580244 Army JROTC Leadership

Industry Certification Opportunities

- JROTC 3-Year Certificate of Training



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Agribusiness Systems

Pathway Course Sequence

- 030715 Principles of Agriculture
- 010111 Agriculture Sales/Marketing
- 010641 Greenhouse Technology OR
10110 Agriculture Communications
- 010121 Agriculture Employability Skills

Fusion WBL Program Opportunities

- 030790 Agricultural Education Co-op
- 030791 Agricultural Education Internship

Industry Certification Opportunities

- EOPA - Agribusiness Systems

Dual Credit Opportunities

- Dual credit offerings through HCC and MSU

Student Leadership Opportunities

- Future Farmers of America (FFA)

Ag Power, Structural, & Technical Systems

Pathway Course Sequence

- 030715 Principles of Agriculture
- 010241 Agriculture Construction Skills
- 010212 Ag Power/Machinery Operation
- 010121 Agriculture Employability Skills

Fusion WBL Program Opportunities

- 030790 Agricultural Education Co-op
- 030791 Agricultural Education Internship

Industry Certification Opportunities

- EOPA - Ag Power Structured Tech Systems
- ICEV Equipment & Engine Training Council
Principles of Small Engine Technology

Dual Credit Opportunities

- Dual credit offerings through HCC and MSU

Student Leadership Opportunities

- Future Farmers of America (FFA)

Animal Science Systems

Pathway Course Sequence

- 030715 Principles of Agriculture
- 020501 Animal Science
- 020510 Equine Science AND
020503 Small Animal Technology
- 020511 Veterinary Science

Fusion WBL Program Opportunities

- 030790 Agricultural Education Co-op
- 030791 Agricultural Education Internship

Industry Certification Opportunities

- EOPA - Animal Science
- ICEV Elanco Fundamentals of Animal
Science
- Beef Quality Assurance Certification

Dual Credit Opportunities

- Dual credit offerings through HCC and MSU

Student Leadership Opportunities

- Future Farmers of America (FFA)

Plant Science Systems

Pathway Course Sequence

- 030715 Principles of Agriculture
- 010611 Intro. to Greenhouse/Crop
Production
- 010641 Greenhouse Technology
- 010111 Agriculture Sales/Marketing

Fusion WBL Program Opportunities

- 030790 Agricultural Education Co-op
- 030791 Agricultural Education Internship

Industry Certification Opportunities

- EOPA - Horticulture
- ICEV BASF Plant Science Certification
- KY Dept. of Agriculture Pesticide Operator
Certification: Category 2 - Forest

Dual Credit Opportunities

- Dual credit offerings through HCC and MSU

Student Leadership Opportunities

- Future Farmers of America (FFA)



CHRISTIAN COUNTY
HIGH SCHOOL



THE ACADEMY OF
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SKILLED TRADES**

Modern Agriculture is Far More Than Farming

Agriculture Needs People Who Can:

Operate and Repair Equipment

Manage Livestock

Grow and Manage Plants

Understand Business and Marketing

Maintain Facilities

Work with Electrical, Carpentry, HVAC, and Plumbing Systems

Maintain Aircraft & Drones

Basic Welding Skills

Maintain Automobiles

Use Technology

Communicate Professionally

That's exactly what our pathways are designed to accomplish!



We're building a workforce pipeline-not just a class schedule.

260 - Agricultural Industry Certifications/EOPA

27 - Agricultural WBL Students

301 - FFA Students

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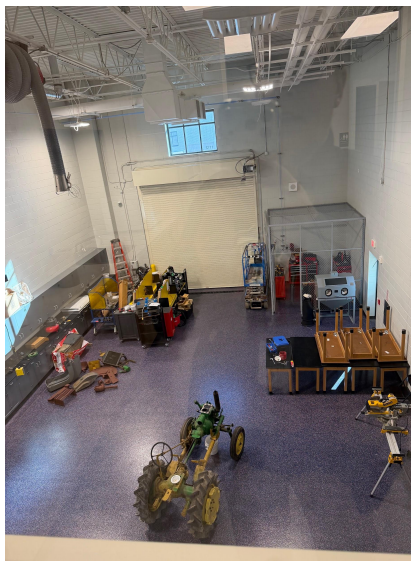
Hands-On Agriculture & Mechanics



Real-World Experience:
Practical, project-based learning with real machinery and tools.



Agricultural Mechanics & Fabrication: Hands-on training in equipment maintenance, restoration, and shop safety.



Leadership & Workforce Readiness: Preparing students for technical careers, industry certifications, and leadership roles in agriculture.



Growing Our Future:

Greenhouse Operations-Plant care, pathology, and soil chemistry

Hands-On Experience-Practical, daily involvement in facility management

Student Leadership & Growth-Developing teamwork, business management and career readiness





THE ACADEMY OF
**AGRICULTURE &
SKILLED TRADES**

Our Co-Op Agricultural Partners

Animal Science & Veterinary Care

- Christian County Animal Shelter
- Fox Creek Cattle
- Hopkinsville Animal Clinic
- Todd County Large Animal Clinic

Agriculture & Agribusiness

- Cayce Mill Supply
- H & R Agri-Power
- Hopkinsville Elevator in Pembroke
- Krusteaz Company
- Luttrull Feeds Pembroke
- Siemer Milling - lab

Skilled Trades & Equipment

- Bluegrass Truck and Trailer
- Elite Lawn and Landscape
- Latham's Tire and Auto
- Mize Machine

Community & Business Partners

- HWEA
- Michael Venable State Farm
- Pennyrile Electric
- West and Witherspoon Florist

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AST Career Expo Partners 2026

**4-H Extension Office
Atmos Energy
Bestway AG
Farm Credit Mid-America
Fort Campbell DPW Environmental
H&R Agri-Power
HCC- Diesel Maintenance
Hopkinsville Elevator Company, Inc.
Hopkinsville Water Environment
Authority
Hutson, Inc.**

**MSU Veterinary Center
Pennyrile Ford
Ruffled Willow
Siemer Milling Company
White's Auto Mall
North Central Institute
HCC - Agriculture Dept.
Commonwealth Agri-Energy
Loden Plumbing
MSU - ROTC**

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AG Advisory Council Members 25-26

- Brant Cansler, H&R Agri-Power, Co-Op Student
- Cary Luttrull, Parent
- Ben Westerfield, Hopkinsville Elevator Company, Industry Representative
- Jeremiah Johnson, 4-H Cooperative Extension, Industry Representative
- Mary Beth Shackelford, Farm Service Agency, Industry Representative
- Krista Stewart, Hopkinsville Community College, College Representative
- David Black, Murray State University, College Representative
- Matt Futtrell, 4-H Cooperative Extension, Industry Representative
- Mary Anne Thalmann, 4-H Cooperative Extension, Industry Representative
- Marsha Garnett, Garnett Farms, Local Volunteer
- Katie Mills, 4-H Cooperative Extension, Industry Representative
- Megan Kem, Christian County High School, Principal

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Special Thanks to...

- Mr. Wayne Hunt
- Mr. Philip Garnett
- Mr. David Wimpy

- Advocates for
 - Public Education
 - Consolidated High School
 - Agriculture & Skilled Trades Academy
 - Funding for Greenhouse

