

DIPLOMA PATHWAY AGRICULTURE TECH



MARKSVILLE HIGH SCHOOL



407 WEST BON TEMPS STREET, MARKSVILLE, LA 71360
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AGRICULTURE TECH HIGH SCHOOL COURSES

REQUIRED COURSES

ENGLISH = 4 UNITS

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|-----------------------------|---|
| 1 | English I |
| 1 | English II |
| 2 Units from the following: | English III, English IV, Business English, or Technical Writing |

MATH = 4 UNITS

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| 1 | Algebra I or Algebra I, Part 1 <u>AND</u> Algebra I, Part 2 |
| 3 | Geometry, Financial Math, and Math Essentials |

SCIENCE = 2 UNITS

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| 1 | Biology I |
| 1 Unit from the following: | Ag I <u>AND</u> Ag II, Environmental Science, Physical Science, or Chemistry I |

SOCIAL STUDIES = 2 UNITS

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| 1 | U.S. History |
| 1 | Civics |

PE/HEALTH = 2 UNITS

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| 1 ½ | PE I, PE II |
| ½ | Health |

14 UNITS TOTAL

RECOMMENDED PATHWAY COURSES

NOTE: NO COURSE ALREADY COUNTING TOWARDS CORE CREDIT (ABOVE) CAN BE USED TO MEET ELECTIVE CREDIT.

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|---------------------------------|------------------|
| Intro to Business Computer Apps | Customer Service |
| Journey to Careers | First Responder |
| NCCER Core Curriculum | Keyboarding |
| NCCER Welding in Ag I | AgriScience I |
| Business Computer Applications | AgriScience II |
| CTE Internship | |

9 UNITS TOTAL

REQUIRED CREDENTIAL

Advanced—NCCER Carpentry, Electrical, or Welding, Level 2
 Basic—NCCER Carpentry, Electrical, or Welding, Level 1
 Regional— ASE Engine Repair student certificate, ASE Electrical student certificate, Two Stroke Engine Technician + 2 complementary (CPR, MOS, IC3, NCCER CORE)

Content Courses + Pathway Courses + EOC Requirements + 1 Credential = Diploma

HIGH DEMAND CAREERS IN AGRICULTURE TECH

- Service Unit Operator
- Heating, Air Conditioning & Refrigeration Mechanic & Installer
- Cost Estimator
- Inspector
- Mechanical Engineer
- Welder
- Derrick Operators
- Rotary Drill Operator
- Roustabouts
- Bus & Truck Mechanic
- Meat Poultry, & Fish Cutter
- Farmworker
- Crop, Nursery, & Greenhouse Laborer
- Outdoor Power Equipment Mechanic
- Diesel Engine Specialist
- Farm Equipment Mechanic and Service Technician
- Landscape Architect
- Farmer
- Rancher
- Agriculture Inspector
- Engine & Other Machine Assembler
- First Line Supervisor of Farming
- Fishing, & Forestry Workers
- Construction Laborer
- Farmworker
- AgriScience Teacher





FREQUENTLY ASKED QUESTIONS

Q: When does a student need to choose a diploma pathway?

A: Students must decide during the spring of his/her 10th grade year.

Q: Could a student change from the Jump Start diploma to the University diploma or vice versa after spring of the 10th grade year:

A: Yes, but in order to a student to earn the remaining credits and/or credentials, the student may need a 5th year of high school.

Q: If a student graduates from high school with a Jump Start diploma, could he/she attend a 4 year university?

A: Yes. But the student will have to attend a community college first and then transfer to a 4 year university.

Q: Do students need to pass End-Of-Course tests to graduate:

A: Yes, End of Course testing is required for all pathways.

FOR ADDITIONAL INFORMATION PLEASE CONTACT THE SCHOOL