

DIPLOMA PATHWAY AGRICULTURE TECH



LOUISIANA SCHOOL FOR THE AG SCIENCES

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AGRICULTURE TECH HIGH SCHOOL COURSES

REQUIRED COURSES

ENGLISH = 4 UNITS	
1	English I
1	English II
2 Units from the following:	English III, English IV, Business English, or Technical Writing

MATH = 4 UNITS	
1	Algebra I or Algebra I, Part 1 <u>AND</u> Algebra I, Part 2
3	Financial Literacy, Financial Math, and Math Essentials

SCIENCE = 2 UNITS	
1	Biology I
1 Unit from the following:	Ag I <u>AND</u> Ag II, Environmental Science, Physical Science

SOCIAL STUDIES = 2 UNITS	
1	U.S. History
1	Civics

PE/HEALTH = 2 UNITS	
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.

Intro to Business Computer Apps	Customer Service
Journey to Careers	Ag Leadership
Agriscience III	NCCER Welding in Ag II
NCCER Welding in Ag I	AgriScience I
Business Computer Applications	AgriScience II
CTE Internship	

9 UNITS TOTAL

REQUIRED CREDENTIAL

Advanced—NCCER 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