



AGRICULTURAL TECHNOLOGY & MECHANICAL SYSTEMS

AGRICULTURE, FOOD, & NATURAL RESOURCES

Successful completion of the Agricultural Technology & Mechanical Systems program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met.

OPPORTUNITY STARTS IN CFISD

- Receive training on industry-standard material, software and equipment
- Earn industry-based certifications recognized worldwide
- Earn up to 42 hours of college credit, transferable to 2-yr and 4-yr degrees¹

ALL AT A FRACTION OF THE COST!

EDUCATION OPTIONS

- Industry Recognized Certificate
- Associate Degree²
- Bachelor's Degree
- Master's Degree

POTENTIAL OCCUPATIONS

- Small Engine Mechanic (\$32,406)
- Welder (\$50,648)
- Farm Equipment Mechanic (\$39,915)
- Heavy Equipment Mechanic (\$47,299)
- Agricultural Engineer (\$64,792)

**AVERAGE
OF 90 WELDER JOB
POSTINGS/MONTH IN
GULF COAST AREA**

**TEXAS RANKS FIRST IN
NUMBER OF WELDERS
EMPLOYED³**

CFISD·CTE

opportunity starts here



9th GRADE
Principles of Agriculture, Food &
Natural Resources
Quality Counts Verification

10th GRADE
Ag Mechanics
OSHA 10-HR
AWS D9.1 Sheet Metal Welding

11th GRADE
Ag Equipment
AWS D1.1 Structural Steel

12th GRADE
Project-based Research in Ag Mech OR
Practicum in Ag
OSHA 30-HR
Additional AWS

1 - This includes the opportunity to earn core curriculum dual credit included in most degrees. Contact your prospective postsecondary institution about the transferability of these courses towards your selected degree.

2 - Lone Star College offers related programs of study such as Welding Technology. Get a jumpstart by taking advantage of core curriculum dual credit and certifications offered in CFISD.

3 - Texas employed 48,940 welders as of May 2020. This is almost 19,000 more than the next closest state, California, according to the US Bureau of Labor Statistics.



QR to learn more information at cfisd.net/CTE



QR to learn more information at lonestar.edu