



ENGINEERING

STEM - SCIENCE, TECHNOLOGY, ENGINEERING, MATH

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

- Industrial Engineers (\$97,074)
- Mechanical Engineers (\$91,107)
- Chemical Engineers (\$112,819)
- Electrical Engineers (\$98,405)

**ABILITY TO
CREATE VIRTUAL
SIMULATIONS BEFORE
BUILDING WILL INCREASE
JOB PROSPECTS³**

**EXPERTISE NEEDED TO
DEVELOP & REFINE
SOPHISTICATED
TECHNOLOGIES**



9TH GRADE
Principles of Applied Engineering

10TH GRADE
Engineering Design & Presentation I

11TH GRADE
Engineering Design & Presentation II
Autodesk Inventor

12TH GRADE
Engineering Design & Problem Solving K⁴
OR Practicum in STEM

1 - 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 Engineering Design Technology. Get a jumpstart by taking advantage of core curriculum dual credit and certifications offered in CFISD.

3 - US Bureau of Labor Statistics indicates students who can learn to first create virtual simulations will be in high demand because these skills will allow firms to reduce product development cycles and costs.

4 - Engineering Design & Problem Solving K satisfies a science credit for graduation.



QR to learn more information at cfisd.net/CTE



QR to learn more information at lonestar.edu