



ROBOTICS MANUFACTURING (also related to STEM)

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

- Electro-Mechanical Assemblers (\$30,160)
- Electro-Mechanical Technicians (56,555)
- Industrial Machinery Mechanics (\$49,816)

**OVER 14,000
INDUSTRIAL
MACHINERY MECHANICS
IN HOUSTON AREA,
HIGHEST IN THE NATION**

**FAST GROWTH INDUSTRY,
PREDICTING 27% MORE
JOBS IN NEXT
DECADE³**



9TH GRADE
Principles of Applied Engineering
OR Principles of Manufacturing

10TH GRADE
Robotics I

11TH GRADE
Robotics II K⁴
FANUC Robot Operator Level 1

12TH GRADE
Practicum in Manufacturing⁵

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 Electrical Technology. Get a jump-start by taking advantage of core curriculum dual credit and certifications offered in CFISD.

3 - US Bureau of Labor Statistics indicates the continuing adoption of automated manufacturing machinery will require more mechanics and workers to keep the machines in good working order over the next decade.

4 - Robotics II K satisfies a math credit for graduation.

5 - Because of the advanced machining skills inherent with this equipment, the state calls for students in this program of study to take the Practicum in Manufacturing, rather than STEM.



QR to learn more
information at
cfisd.net/CTE



QR to learn more
information at
lonestar.edu