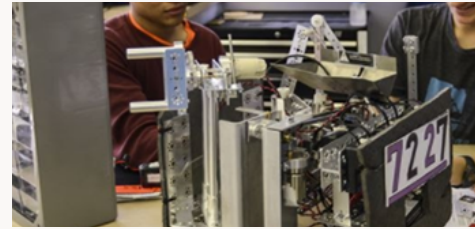
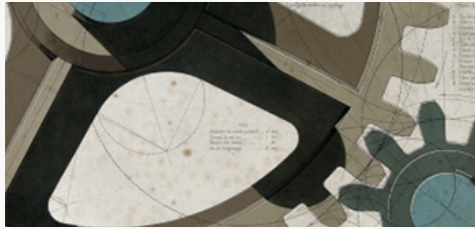


# *ENGINEERING (formerly STEM)*

## ENG 1 – Engineering Foundations

## ENG 2 – Robotics



**9TH GRADE**  
Principles of Applied Engineering (1)

**10TH GRADE**  
Engineering Design & Presentation I (1)

**11TH GRADE**  
\*Engineering Design & Presentation II (1)  
*\*Autodesk Inventor*

**12TH GRADE**  
\*Engineering Design & Problem Solving K  
(1-science)  
OR  
\*Practicum in STEM (2)

**9TH GRADE**  
Principles of Applied Engineering (1)  
OR  
Principles of Manufacturing (1)

**10TH GRADE**  
Robotics I (1)

**11TH GRADE**  
\*Robotics II K (1-math)  
*\*FANUC Robot Operator Level 1*

**12TH GRADE**  
\*Engineering Design & Problem Solving K  
(1-science)  
OR  
\*Practicum in STEM (2)  
OR  
\*Practicum in Manufacturing (2)

**POTENTIAL OCCUPATIONS**

**Industrial Engineer**  
\$97,074

**Mechanical Engineer**  
\$91,107

**Chemical Engineer**  
\$112,819

**Electrical Engineer**  
\$98,405

**POTENTIAL OCCUPATIONS**

**Electro-Mechanical Assembler**  
\$30,160

**Electro-Mechanical Technician**  
\$56,555

**Industrial Machinery Mechanic**  
\$49,816

The STEM Academy for Automation, Robotics, and Computer Science is no longer being offered as a stand-alone program of study at only one location. Students interested in that industry field should take Computer Science I - IV and either the Engineering Foundations or the Robotics Program of Study at any CFISD high school.