

## CFISD Practicum in Manufacturing

### Scope and Sequence

**Course Description:** This course allows students to apply Manufacturing concepts and principles in the classroom and the workplace. In the classroom portion of the course, students will gain knowledge of professional standards as required by business and industry. Students will also receive industry-recognized training designed to make them more marketable and desirable in the workplace. Students are required to work 10 hours per week at an approved training site and must be employed at that site within 15 school days after enrollment in the course. (2 Credits)

- Grades: 12
- Required prerequisite: Welding I, Diversified Manufacturing I, Precision Metal Manufacturing I or Robotics I and age 16 if paid training site
- Lab fee will be required

#### TEKS

Program of Study: *Manufacturing*

Cluster: *Manufacturing*

Endorsement: Business & Industry

- Meets advanced course requirement (Y/N): YES
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

Industry Certification/Credentials: n/a

Instructional Units	Pacing
1 <sup>st</sup> Semester Employment/Employability skills <ul style="list-style-type: none"> <li>● Critical thinking &amp; problem solving</li> <li>● Leadership</li> </ul> On Job Training Communication skills	1 <sup>st</sup> and 2 <sup>nd</sup> Grading Per
2 <sup>nd</sup> Semester Research Portfolio Development Professionalism	3 <sup>rd</sup> and 4 <sup>th</sup> Grading per

Primary Instructional Materials: Will vary depending on workplace/field experience