

CFISD Diversified Manufacturing II

Scope and Sequence

Endorsement: Business & Industry**Cluster:** Manufacturing**Meets advanced course requirement?** YES ▾**Program of Study:** Manufacturing Technology**Meets foundation requirement for math, science, fine arts, English, LOTE?** NO ▾**Course Description:**

Diversified Manufacturing II builds on knowledge and skills developed in Principles of Manufacturing and Diversified Manufacturing I. This course allows students to gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Students will develop advanced skills related to the industry of manufacturing technology systems through the use of machines and tools used in modern industry.

TEKS link

- 1 credit
- Grades 10-12
- Lab supplies or fee may be required
- Required prerequisites: Diversified Manufacturing I

Industry Certification/Credential: AWS D1.1**TEA recognized IBC (to count toward program of study completion)?** YES ▾

Instructional Units	Grading Period
Safety & Standards* Applied Mathematics* Employability Skills* - Resume & Soft Skills - Interview Skills Safety & Standards*	N1 (fall)
OSHA Certification Technological Systems* Design, Plan, and Build Manufacturing Project	N2 (fall)
Applied Mathematics* Design, Plan, and Build Manufacturing Project Manufacturing & Marketing Mass & Custom Production* Wood, Plastics, Metals	N3 (spring)
Maintenance & Preventative Maintenance* Design, Plan, and Build a Manufacturing Capstone Project	N4 (spring)

*Items with * are taught throughout the year.*

Primary Instructional Materials: Teacher supplied resources