



Galena Park ISD Business & Industry Endorsement



Program: Manufacturing

Plan: Manufacturing

Certifications: American Welding Society (AWS) Schools Excelling through National Skills Standards Education (SENSE), American Welding Society D1.1, and National Center for Construction Education and Research (NCCER) Welding level 1, Occupational Safety and Health Administration (OSHA), and Microsoft Office Specialist (Master)

Career Goal: Machinist, Welder, & Pipe Fitter.

9th		10th	
1	English I	1	English II
2	Algebra I	2	Geometry
3	World Geography	3	World History
4	Biology	4	Chemistry or IPC
5	PE	5	Spanish II OR III
6	Spanish I OR II	6	Principles of Manufacturing
7	Fine Arts	7	Elective (BIM I)
8	Elective (Principles of Business/Prof Communications)	8	Elective

11th		12th	
1	English III	1	English IV
2	Algebra II	2	4 th Year Math
3	U.S. History	3	Economics-FE/ U. S. Gov't
4	Physics	4	Anatomy & Physiology
5	Flex Manufacturing or Welding	5	Advanced Welding or Adv. Flex Mfg.
6	Flex Manufacturing or Welding	6	Advanced Welding or Adv. Flex Mfg.
7	Elective (BIM II)	7	Advanced Welding
8	Elective	8	Elective