



PRINCIPLES OF MANUFACTURING

Year at a Glance (YAG)

2021-2022



First Semester		Second Semester	
1st Nine Weeks – 41 days (August 16 th – October 13 th) (September 6 th – Labor day – No School) (October 11 th – Staff Development)		3rd Nine Weeks – 44 days (January 3 rd – March 4 th) (January 17 th – MLK – No School) (March 7 th – 11 th – Spring Break)	
<u>TEKS</u> 1A, 1B, 1F, 1H, 2A-2C, 3A, 3B, 4A, 4D-4G, 5A-5I, 6A-6D, 7A, 8A, 8D, 8E, 9A	Intro to DDT&E Intro to Multiple Views M-views from Isometric Views M-views from iso's from measurements/evaluations M-views from iso's from measurements M-views with dimensions	<u>TEKS</u> 1B, 2A-2C, 3A, 3B, 4D, 4F, 4G, 5A-5I, 6A-6D, 7A-7D, 8A, 8B, 8D	Intro to AutoCAD/scale Multiple Views in CAD CAD Isometrics CAD 3D Modeling CAD 3D modeling/layout
2nd Nine Weeks – 43 days (October 14 th – December 17 th) (November 22 nd – 26 th – Thanksgiving Break) (December 20 th – January 2 nd – Holiday Break)		4th Nine Weeks – 45 days (March 14 th – May 25 th) (April 8 th – Battle of Flowers – No School) (April 15 th – Good Friday – No School) (May 30 th – Memorial Day – No School)	
<u>TEKS</u> 3A, 3B, 4A, 4D, 4F, 5A-5I, 6A-6D, 7A, 7B, 8A, 8D	M-views with dimensions Intro to Isometric/Six Week Evaluation Isometrics from m-views Iso's from m-views with dimensions Working Drawings/Semester Evaluation	<u>TEKS</u> 1A-1F, 1H, 1J, 2A-2D, 3A-3D, 4A, 4B, 4D-4F, 5A-5J, 6A-6D, 7A-7D, 8A-8E, 9A-9C,	CAD 3D modeling/layout/dimensions CAD Working Drawings/Evaluation Design Project-research Design Project-design/CDR Design Project-manufacturing Design Project-Evaluation

Resources

1st Nine Weeks	2nd Nine Weeks	3rd Nine Weeks	4th Nine Weeks
Technical Drawing 101	Technical Drawing 101	Technical Drawing 101	Technical Drawing 101