

Amarillo College Curriculum Map Template

Division:	Technical Education
Degree/Academic Program(s):	Precision Metalworking (MCHN.AAS; MCHN.CERT.ADV; MCHN.CERT.BAS) (WLDG.AAS; WLDG.CERT.ADV; WLDG.CERT.BAS)
Dean:	Linda Munoz
Chair/Director/Coordinator:	David Hall
Submission Date:	Spring 2022
Purpose Statement:	The purpose of the Precision Metalworking programs (Machining and Welding) is to provide hands-on instruction for metalworkers.

Goal #1: Produce student completers that demonstrate the knowledge necessary to apply learned skills and obtain credentials that will enable them to advance in the industry.					
Program-Specific Courses	PLO #1: Student will demonstrate industrial safety practices	PLO #2: Student will identify materials and interpret specifications	PLO #3: Student will utilize codes and prints to evaluate working operations	PLO #4: Student will operate metalworking equipment	PLO #5: Student will execute metalworking operations
INMT 1319 Manufacturing Processes	M	M	M	M	M
INMT 1343 CAD/CAM	D	D	D	I	I
OSHT 1320 Energy Industrial Safety	D	I	I	D	D
TECM 1349 Technical Math Applications	I	I	D	I	I

I – Introduced; D – Developed & Practiced with Feedback; M – Demonstrated at Mastery