

Amarillo College Curriculum Map Template

Division:	Technical Education
Degree/Academic Program(s):	IMRT.AAS: IMRT.CERT (all stackable certs)
Dean:	David Hall
Chair/Director/Coordinator:	Ernie Sheets
Submission Date:	9/16/2024
Purpose Statement:	The mission of our Advanced Manufacturing program is to provide hand-on instruction in individual specialty options for future manufacturing technicians in a variety of residential, commercial, and industrial settings.

Goal 1: To graduate students who are prepared to work as technicians in an industrial environment.

Program-Specific Courses	PLO #1: Student will understand and construct control/circuit wiring appropriate for the system.	PLO #2: Students will demonstrate equipment repair and installation.	PLO #3: Student will troubleshoot mechanical and electrical systems.
ENER 1330 Basic Mechanical Skills		D	I
IEIR 1302 Introduction to Direct Circuits	I		
IEIR 1304 Alternating Current Circuits for Industrial Applications	I		I
INMT 1305 Introduction to Industrial Maintenance		I	
IEIR 1306 Electric Motors	D	I	D
IEIR 1312 Distribution Systems	D	D	D

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