



Program: Precision Machining Certificate

Campus: Trinidad Main Campus (TMC), Trinidad Alamosa Campus (TAC)
Program Code: CER_MTPM
CIP Code: 15.0613



SMART PATH

First Semester

Course Code	Course Name	Credit Hours
MAC 101	Introduction to Machine Shop	3
MAC 110	Introduction to the Engine Lathe	3
MAC 120	Introduction to Milling Machine	3
MAC 201	Introduction to CNC Turning Operations	3
MAC 205	Introduction to CNC Milling Operations	3
MAC 240	CAD/CAM 2D	3
	Total	18

Second Semester

Course Code	Course Name	Credit Hours
BUS 121	Basic Workplace Skills	1
MAC 111	Intermediate Engine Lathe	3
MAC 121	Intermediate Milling Machine	3
MAC 202	CNC Turning Operations II	3
MAC 206	CNC Milling Operations II	3
MAC 245	CAD/CAM 3D	3
	Total	16

TOTAL: 34 credits