

Machinist, CAS

Academic Year 2024-2025

Program Description:

The Machinist Technology Program at the Marshall Advanced Manufacturing Center (MAMC) is an industry-driven, hands on program that prepared individuals to meet the rigorous demands of the manufacturing sector. An element of the MAMC program enables students to earn a certificate degree in Technical Studies by completing additional course work through Mountwest Community & Technical College.

Participants in the Machinist Technology Program receive technical skills training to work in industrial machining. Course work includes manual machine operation and technical support, introductory CNC (computer-numerical-control) machine operation and technical support, oral communications and organizational skills, mathematics for machinists, and safety issues.

Working closely with an 11-member industry-based advisory board, MAMC designed the program's core technical components so they met the manufacturing sector's needs.

Comprehensive full- and part-time programs are available, thus enabling current workforce members to improve their technical skills and develop professionally while helping their employers become more competitive.

Career Outlook and Salary Forecast:

For the most current information please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at www.bls.gov/ooh/.

Program Admission Requirements:

The Machinist Technology Program has admission and candidacy requirements in addition to the Mountwest Community & Technical College admission guidelines.

Contact Information:

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Mountwest empowers students to learn and lead in the community and in the workforce.

COURSE REQUIRED

Machinist CAS, CT15 ¹							
Name:					ID Number 942-		
Educational Counselor:							
Faculty Advisor:							
COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
MT 105	Industrial Safety	F	2				
MT 119	CNC Mill Loader Operator	F	2				
MT 121	Introduction to Machinery	F	6				
MT 200	Blueprint Reading, Precision Measurement & Inspection	F	4				
			14				
MT 215	Metal Working Theory and Application	S	6				
MT 233	NIMS Credentialing/Manual Machining	S	6				
MT 241	Introduction to CNC Machining	S	4				
			16				
HOURS REQUIRED FOR GRADUATION: 30							

¹ All courses are at the Marshall Advanced Manufacturing Center, located at 1050 4th Avenue, Huntington, WV.