

MACHINING

These programs provide students the skills and knowledge needed in various manufacturing procedures and operations, including lathe and mill operations and manual and Computer Numerical Control machining operations.

Programs include classroom and laboratory instruction in safety, proper use of hand and power tools, blueprint reading and sketching, precision measuring and layout, setup, operation, clean-up and basic maintenance of lathes, milling machines and surface grinders.



DEGREE AND CERTIFICATE OPTIONS	LENGTH	COST
AAS Degree	2 Years	\$16,057
TC – Multi Axis Machining	18 Months	\$14,218
TC – Machining Tech	9 Months	\$10,074
TC – CNC Operator	4 Months	\$6,139

PROGRAM ENTRY REQUIREMENTS

- ☐ Be 16 years of age or older

PROGRAM CONTACTS:

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WHY CHOOSE MACHINING?

- ☐ State-of-the-art facilities
- ☐ Starts each semester
- ☐ Short-term class options (4 month completion)
- ☐ Flexibility - morning, afternoon and evening classes
- ☐ Classes Monday through Thursday only
- ☐ Career Services and applied learning options
- ☐ Multiple career paths
- ☐ Financial Aid eligible

ABOUT WSU TECH

WSU Tech is a different kind of college, changing lives by training people for high-wage, high-demand jobs. We work hand-in-hand with employers to determine their job needs now and into the future so our students graduate with the right skills.

Careers start here.

www.WSUTECH.edu



PROGRAM FLOW

Machining Technology has restructured their program with new classes and new certificates. The program is more machining centric and will upgrade their facilities

Semester 1 - CNC Operator

Course Prefix	Course Number	Course Title	Credit Hours
AVC	110	OSHA 10	1
MMG	113	Print Reading	3
MMG	116	Quality Control and Inspection	1
MMG	156	CNC Operations	3
MMG	160	CNC Milling I	3
MMG	155	CNC Lathes	3
MMG	131	Metallurgy	1
MMG	135	Machining Fundamentals	3
MTH	20	Math Fundamentals	3
PDV	105	Blueprint for Personal Success	2
			23

Semester 4

Multi Axis Certificate & AAS Requires *Machining Tech TC classes*

Course Prefix	Course Number	Course Title	Credit Hours
MMG	132	Machine Tool Processes	1
MMG	154	Multi-Cell Operations	4
MMG	175	GD&T for Machining	3
MTH	101	Intermediate Algebra	3
SPH	111	Interpersonal Comm.	3
SOC	-	Social Science Elective	3
AAS Classes			17

Semester 2 - Machining Tech Certificate *Requires CNC Operator classes*

Course Prefix	Course Number	Course Title	Credit Hours
MMG	130	Benchwork	1
MMG	140	Metrology	4
MMG	10	Master Cam Mill 2 Axis	4
ENG	101	English Composition	3
MMG	184	Multi-Axis Milling	4
MCD	106	Precision Measuring	2
AAS Classes			18

Semester 3 (Summer)

Course Prefix	Course Number	Course Title	Credit Hours
CED	110	Computer Applications	3
MMG	180	Master CAM 4/5 Axis Mill	4
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