

# MANUFACTURING C.T.S.

The Manufacturing Certificate of Technical Skills provides flexible, credit-based workforce education with an emphasis on building professional workplace skills, safety skills, and general knowledge of manufacturing processes. The approach will be to provide a stackable credential with a pathway for students to complete the associate and/or baccalaureate degree through Missoula College and the University of Montana.

To earn a Manufacturing Certificate of Technical Skills, students must complete 28 credits including five courses (14 credits) in the Professional Skills and five courses (14 credits) in Technical Skills.

This certificate is primarily designed as a step for current students, future students or employees in the workplace to obtain training in career readiness, human relations, communication, safety training, computer skills, lean manufacturing processes, and quality assurance. This certificate could be combined with the general education certificate to earn an Associate's degree or towards a baccalaureate degree.

High school transcript or HiSET/GED equivalent will be required; completion of placement exams for mathematics & writing.

## Certificate of Technical Studies - Manufacturing

### Summary

Code	Title	Hours
	Required Professional Skills Courses	14
	Required Technical Skills Courses	14
	<b>Total Hours</b>	<b>28</b>

Degree Specific Credits: 28

Required Cumulative GPA: 2.0

### Required Professional Skills Courses

Code	Title	Hours
<b>Complete all of the following courses:</b>		
BGEN 105S	Introduction to Business	3
BGEN 215	Career Readiness	3
COMX 102	Interpersonal Skills in the Workplace	1
M 115	Probability and Linear Mathematics	4
WRIT 101	College Writing I	3
	<b>Total Hours</b>	<b>14</b>

Minimum Required Grade: C-

### Required Technical Skills Courses

Code	Title	Hours
<b>Complete all of the following courses:</b>		
CAPP 120	Introduction to Computers	3
MCH 194	Manufacturing Seminar	3
MCH 294	Manufacturing Seminar	3
MCH 198	Internship	2

OSH 130	Introduction to Trades and Trade Safety/ Job Site Ready	3
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**Total Hours** **14**

Minimum Required Grade: C-