

Prototyping Gunsmithing

Diploma

General Education Courses

ENGL 1276	College Composition	4
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Technical Courses

COCP 1241	Introduction to CAD	3
MFGT 1260	Introduction to CAM	2
MFGT 2205	Prototyping	5
MFGT 2210	Reverse Engineering	5
MFGT 2215	Manufacturing Doc. & Processing	1
MTTP 1208	Measuring Tools	1
MTTP 1220	Blueprint Reading I	2
MTTP 1256	Applied Machining Theory	3
MTTP 1257	Machining Fundamentals I	4
MTTP 1258	Machining Fundamentals II	4
MTTP 1279	CNC Setup Operations	5
MTTP 2255	CNC Programming	5

Total Credits		44
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Suggested Program Sequence

Fall Semester (1st year)

MTTP 1208	Measuring Tools	1
MTTP 1220	Blueprint Reading I	2
MTTP 1256	Applied Machining Theory	3
MTTP 1257	Machining Fundamentals I	4

Spring Semester (1st year)

COCP 1241	Introduction to CAD	3
MFGT 1260	Introduction to CAM	2
MTTP 1258	Machining Fundamentals II	4
MTTP 1279	CNC Setup Operations	5

Fall Semester (2nd year)

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MFGT 2215	Manu. Doc. & Processing	1
MTTP 2255	CNC Programming	5

Spring Semester (2nd year)

MFGT 2205	Prototyping	5
MFGT 2210	Reverse Engineering	5

Please Note:

Students will need to have completed the Gunsmithing Certificate or instructor validated industry experience prior to enrolling in this diploma offering. Also enrollees need to have on file a completed criminal history background check prior to enrollment.

Developmental courses may be required depending on educational background and/or assessment scores. Developmental courses do not fulfill graduation requirements and are required as prerequisites for some courses. The requirements of this program are subject to change without notice.
Effective beginning Fall semester, August 2007 *Approved by PTC Curriculum Committee 03/14/07 and MnSCU Board 06/08/07*