

Pine Technical & Community College

**3 YEARS, 2 CAREERS**

# Gunsmithing and Machining

In just three years, you can earn not one, but two degrees! PTCC's Gunsmithing program is one of few accredited programs in the nation and the only one in Minnesota. Coupled with machining, students will learn the art, design and technical skills of gunsmithing while practicing skills in machining such as welding, CNC, Computer Aided Design and Manufacturing. Providing yourself with a competitive advantage for industry with two degrees, graduates have found employment with firearm manufacturers, military agencies, defense contractors, custom machine shops and self-employment.

## Recommended Course Sequence for Completion in 3 Years

### Fall Semester 1 - First Year

MTTP 1208 Measuring Tools .....	1
GSTP 1202 Rifle Design.....	3
GSTP 1204 Shotgun Design and Function.....	3
MTTP 1241 Computer Aided Design (CAD) .....	3
MTTP 1245 Machine Fundamentals.....	4
MTTP 1220 Blue Print Reading I.....	2
<b>Total Credits</b> .....	<b>16</b>

### Spring Semester 1 - First Year

GSTP 1217 Firearm Business .....	2
GSTP 1210 Gunsmith Machining (sub for MTTP 1265) .....	4
GSTP 1240 Semi-automatic Design .....	3
GSTP 1250 Handgun Design .....	4
MTTP 1262 Blue Print Reading II.....	2
<b>Total Credits</b> .....	<b>15</b>

### Summer Semester 1 - First Year

ENGL 1276 College Composition .....	4
PHIL 1220 Human Ethics.....	3
<b>Total Credits</b> .....	<b>7</b>

### Fall Semester 2 - Second Year

GSTP 2230 Barreling and Chambering.....	4
GSTP 2280 Riflesmithing .....	3
GSTP 1230 Gunsmith Welding and Metallurgy (sub for WELD 1570).....	3
MTTP 1256 Applied Machining Theory .....	3
COCP 1201 Computer Concepts and Applications .....	2
<b>Total Credits</b> .....	<b>15</b>

### Spring Semester 2 - Second Year

MTTP 1279 CNC Set-up and Operate .....	4
GSTP 2270 Shotgunsmithing .....	3
MTTP 2263 Quality in Manufacturing .....	2
GSTP 2233 Firearm Finishes .....	4
GSTP 2285 Pistolsmithing.....	3
<b>Total Credits</b> .....	<b>16</b>

**Precision Machining Technology Certificate Earned!**

### Summer Semester 1 - Second Year

MATH 1260 College Algebra or MATH 1256 Mathematical Thinking .....	3
<b>Total Credits</b> .....	<b>3</b>

**Gunsmithing & Firearms Technology Diploma Earned!**

### Fall Semester 3 - Third Year

MTTP 1261 Computer Aided Manufacturing (CAM) .....	2
MTTP 1277 Machining Processes.....	2
MTTP 2255 CNC Programming .....	5
MTTP 2260 Cutting Tool Technology .....	1
MnTC General Elective .....	3
<b>Total Credits</b> .....	<b>13</b>

**Precision Machining Technology Diploma Earned!**

### Spring Semester 3 - Third Year

GSTP 2267 Stockmaking .....	3
GSTP 2290 Gunsmithing Capstone .....	4
or MTTP 2290 Machining Capstone.....	3
(take one, use for both programs)	
COMM 1100 Intro to Communication (MnTC Goal Area 1)....	3
<b>Total Credits</b> .....	<b>9-10</b>

**TOTAL DEGREE CREDITS** ..... **94-95**

**Gunsmithing & Firearms Technology AAS Earned!**

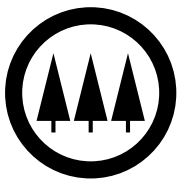
**Precision Machining Technology AAS Earned!**

COLLEGE CATALOG 2025-26

[pine.edu/apply](http://pine.edu/apply)

320.629.5100 • 800.521.7463





# Pine Technical & Community College

## Get the Credit You Deserve!

### What is Credit for Prior Learning (CPL)?

Pine Technical & Community College (PTCC) values learning that happens outside of the classroom. Many students enrolling at PTCC bring with them a wealth of knowledge and real-world experiences that can be turned into college credit.

### Ways students can gain Credit for Prior Learning:

- Job skills and work experience
- Employer training programs
- Volunteer or community services
- Self-study
- Military education and occupations
- Industry certifications
- High school articulate college credit
- Standardized exams

### Earning Credit for Prior Learning is Easy

1. Visit the CPL website at [mycpl.minnstate.edu](http://mycpl.minnstate.edu) to see a full list of eligible courses, requirements, and assessment methods to determine if CPL is right for you.
2. Reach out to [records@pine.edu](mailto:records@pine.edu) to discuss CPL opportunities, payment (if required), and assessment information.

## New to PTCC? Visit Campus!

- Take a campus tour
- Learn about scholarships
- Meet the admissions team
- Tour housing and The REC

### Book an appointment to explore PTCC!

Sign up to visit in person, or virtually, to learn more about PTCC programs, admissions requirements, housing options, and more.



[pine.edu/visit](http://pine.edu/visit)

## Program Related Information

### Admissions Process to the Gunsmithing Program

Acceptance to the College does not guarantee acceptance into the Gunsmithing Program. Students need to be eligible to possess a firearm in Minnesota and maintain that eligibility throughout enrollment in the program.

- Submit a background check from an approved agency to determine eligibility to possess a firearm in Minnesota
- Submit the PTCC Gunsmithing Checklist
- Have a legal state ID
- Be 18 years of age or older by the start of fall semester classes

### Wait List

There are limited positions in the Gunsmithing program, and applicants are admitted in the order that admission requirements are met. Once positions are filled, applicants who complete all college and program requirements are placed on a waiting list. While waiting to begin the Gunsmithing program at PTCC, students sometimes choose to take some of the non-Gunsmithing courses (such as English, Math, Computer, and Machining coursework.)

### Housing Information

For students in need of housing while attending PTCC, please visit [pine.edu/housing](http://pine.edu/housing) for a list of preferred housing partners.