

# Precision Machining and Manufacturing (MTT2)

## Diploma eMap

This eMap, along with regular meetings with your program advisor and using DegreeWorks, will help you remain on track to finish your program as quickly as possible and graduate from Georgia Northwestern Technical College. This eMap is intended to be used when beginning the program in Fall semester. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This pathway is based on the 2024-2025 academic year.



1 <sup>st</sup> set of suggested courses			
Course		Hours	Completed
MCHT 1011	Introduction to Machine Tool	4	<input type="checkbox"/>
MCHT 1012	Print Reading for Machine Tool	3	<input type="checkbox"/>
MCHT 1119	Lathe Operations I	4	<input type="checkbox"/>
MATH 1012	Foundations of Mathematics	3	<input type="checkbox"/>

2 <sup>nd</sup> set of suggested courses			
Course		Hours	Completed
MCHT 1120	Mill Operations I	4	<input type="checkbox"/>
MCHT 1013	Machine Tool Math	3	<input type="checkbox"/>
EMPL 1000	Interpersonal Relations and Professional Development	2	<input type="checkbox"/>

MCHT 1013 is the recommended course. Additional courses may be available to meet this requirement. See Course Catalog for more info.

3 <sup>rd</sup> set of suggested courses			
Course		Hours	Completed
MCHT 1020	Heat Treatment and Surface Grinding	4	<input type="checkbox"/>
MCHT 1219	Lathe Operations II	4	<input type="checkbox"/>
ENGL 1005	Applied Technical Communication	3	<input type="checkbox"/>

MCHT 1020 is the recommended course. Additional courses may be available to meet this requirement. See Course Catalog for more info.

4 <sup>th</sup> set of suggested courses			
Course		Hours	Completed
AMCA 2110	CNC Fundamentals	4	<input type="checkbox"/>
MCHT 1220	Mill Operations II	4	<input type="checkbox"/>
MCHT xxxx	Occupational Elective (See Advisor for approved list)	3	<input type="checkbox"/>

**Total Credit Hours: 45 Minimum Credit Hours Required for Graduation**

### Precision Machining and Manufacturing Diploma Planning Notes:

- Classes for this Certificate are offered at the Floyd County Campus and the Whitfield Murray Campus. Schedules at each campus may vary.

Additional information for the Precision Machining and Manufacturing Diploma and program requirements can be found at [GNTC 2024-2025 Catalog](#).