CNC Technology (CT12)
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.

1st set of suggested courses

Course		Hours	Completed
MCHT 1011	Introduction to Machine Tool	4	☐
MCHT 1012	Print Reading for Machine Tool	3	☐
MCHT 1119	Lathe Operations I	4	☐
MATH 1012	Foundations of Mathematics	3	☐

2nd set of suggested courses

Course		Hours	Completed
MCHT 1120	Mill Operations I	4	☐
MCHT 1013	Machine Tool Math	3	☐
EMPL 1000	Interpersonal Relations and Professional Development	2	☐
AMCA 2110	CNC Fundamentals	4	☐

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

3rd set of suggested courses

Course		Hours	Completed
MCHT 1020	Heat Treatment and Surface Grinding	4	☐
AMCA 2130	CNC Mill Manual Programming	5	☐
ENGL 1005	Applied Technical Communication	3	☐

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

4th set of suggested courses

Course		Hours	Completed
AMCA 2150	CNC Lathe Manual Programming	5	☐
AMCA 2190	CAD/ CAM Programming	4	☐
MCHT xxxx	Occupational Elective (Recommended courses are AMCA 2170 or any MCHT course)	3	☐

Total Credit Hours: 51 Minimum Credit Hours Required for Graduation

CNC Technology 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 CNC Technology Diploma and program requirements can be found at GNTC 2024-2025 Catalog.