

Architectural and Engineering Drawing Technology (DT12)

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, with no prior credits. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This pathway is based on the 2026-2027 academic year.



ARCHITECTURAL AND ENGINEERING DRAWING TECHNOLOGY DIPLOMA - MECHANICAL DRAWING SPECIALIZATION

Please note: Students seeking the Architectural and Engineering Drawing Technology Diploma with the Mechanical Drawing Specialization should follow this course pathway.

1 st set of suggested courses (Fall 2026)			
Course		Hours	Completed
DFTG 1101	CAD Fundamentals	4	☐
DFTG 1102	Print Reading for Mechanical Drawing	4	☐
ENGL xxxx	General Education Core English (Recommended course: ENGL 1010, Fundamentals of English I)	3	☐

2 nd set of suggested courses (Spring 2027)			
Course		Hours	Completed
DFTG 1103	Multiview/Basic Dimensioning (Prerequisite DFTG 1101)	4	☐
DFTG 1105	Mechanical 3D Modeling	4	☐
MATH xxxx	General Education Core Math (Recommended course: MATH 1012, Foundations of Mathematics)	3	☐

3 rd set of suggested courses (Summer 2027)			
Course		Hours	Completed
DFTG 1015	Practical Mathematics for Drafting Technology	3	☐
DFTG xxxx	Occupational Elective (Recommended course: DFTG 2500, Drafting Tech Exit Review)	3	☐

4 th set of suggested courses (Fall 2027)			
Course		Hours	Completed
DFTG 1107	Advanced Dimensioning/Sectional Views (Prerequisite DFTG 1101 & DFTG 1105)	4	☐
DFTG 1109	Auxiliary Views/Surface Development (Prerequisite DFTG 1101 & DFTG 1105)	4	☐

5 th set of suggested courses (Spring 2028)			
Course		Hours	Completed
DFTG 1111	Assemblies I (Prerequisite DFTG 1101 & DFTG 1105)	4	☐
DFTG 1113	Assemblies II (Prerequisite DFTG 1101 & DFTG 1105)	4	☐
EMPL 1000	Interpersonal Relations and Professional Development	2	☐

Total Credit Hours: 46 Minimum Credit Hours Required for Graduation

Program Planning Notes:

- Courses for this diploma are offered online via the Walker County Campus.
- Occupational Electives: Contact Program Advisor for alternative occupational elective options, Cory Allen, callen@gntc.edu
- If courses are taken in the suggested order, student will earn the following Certificates:
 - 1) Drafter's Assistant (DA31) Certificate will be earned at the end of the 2nd set.
 - 2) CAD Operator (CP41) Certificate at the end of the 4th set.
 - 3) CAD Operator Mechanical (CP61) Certificate at the end of the 4th set.

Additional information for the Drafting Technology Diploma and program requirements can be found at [GNTC 2026-2027 Catalog](#).