

Architectural and Engineering Drawing Technology (DT13)

Associate of Applied Science 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 AAS DEGREE – MECHANICAL DRAWING SPECIALIZATION

Please note: Students seeking the Architectural and Engineering Drawing Technology AAS Degree 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	☐
XXXX xxxx	Occupational Elective #1 (Recommended course: COMP 1000, Introduction to Computer Literacy)	3	☐
ENGL 1101	Composition and Rhetoric	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 1111	College Algebra	3	☐
XXXX xxxx	Humanities/ Fine Arts Elective (Recommended course: ENGL 2130, American Literature)	3	☐

3 rd set of suggested courses (Summer 2027)			
Course		Hours	Completed
XXXX xxxx	Occupational Elective #2 (Recommended course: DFTG 1015, Practical Mathematics for Architectural and Engineering Drawing)	3	☐
MATH 1113	Precalculus	3	☐
XXXX xxxx	Social/ Behavioral Sciences Elective (Recommended course: PSYC 1101, Introductory Psychology)	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	☐
XXXX xxxx	Occupational Elective #3 (Recommended course: DFTG 2010, Engineering Graphics)	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	☐
XXXX xxxx	Occupational Elective #4 (Recommended course: DFTG 1127, Architectural 3D Modeling)	4	☐

Total Credit Hours: 60 Minimum Credit Hours Required for Graduation

Program Planning Notes:

- Courses for this Associate Degree 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 AAS Degree and program requirements can be found at [GNTC 2026-2027 Catalog](#).

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ARCHITECTURAL AND ENGINEERING DRAWING TECHNOLOGY AAS DEGREE – ARCHITECTURAL DRAFTING SPECIALIZATION

Please note: Students seeking the Architectural and Engineering Drawing Technology AAS Degree with the Architectural Drafting Specialization should follow this course pathway.

1 st set of suggested courses (Fall 2026)			
Course		Hours	Completed
DFTG 1101	CAD Fundamentals	4	☐
XXXX xxxx	Occupational Elective (Recommended Course: DFTG 2010, Engineering Graphics)	4	☐
XXXX xxxx	Occupational Elective (Recommended course: COMP 1000, Introduction to Computer Literacy)	3	☐
ENGL 1101	Composition and Rhetoric	3	☐

2 nd set of suggested courses (Spring 2027)			
Course		Hours	Completed
DFTG 1103	Multiview/Basic Dimensioning (Prerequisite DFTG 1101)	4	☐
DFTG 1125	Architectural Fundamentals	4	☐
MATH 1111	College Algebra	3	☐
XXXX xxxx	Humanities/ Fine Arts Elective (Recommended course: ENGL 2130, American Literature)	3	☐

3 rd set of suggested courses (Summer 2027)			
Course		Hours	Completed
XXXX xxxx	Occupational Elective (Recommended course: DFTG 2020, Visualization and Graphics)	3	☐
MATH 1113	Precalculus	3	☐

MATH 1113 is the recommended course. Additional courses may be available to meet this requirement. See Course Catalog for more information.

4 th set of suggested courses (Fall 2027)			
Course		Hours	Completed
DFTG 1127	Architectural 3D Modeling	4	☐
DFTG 1129	Residential Drawing I	4	☐
XXXX xxxx	Occupational Elective #3 (Recommended course: DFTG 1109, Auxiliary Views/Surface Development)	4	☐

5 th set of suggested courses (Spring 2028)			
Course		Hours	Completed
DFTG 1131	Residential Drawing II	4	☐
DFTG 1133	Commercial Drawing I	4	☐
XXXX xxxx	Occupational Elective (Recommended course: DFTG 2500, Drafting Technology Exit Review)	4	☐
XXXX xxxx	Social/Behavioral Science Elective (Recommended courses: PSYC 1101, Introductory Psychology)		

Total Credit Hours: 60 Minimum Credit Hours Required for Graduation

Program Planning Notes (Architectural Drafting Specialization):

- Courses for this Associate Degree 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 Mechanical (CP61) Certificate at the end of the 4th set, if DFTG 1109 is completed.

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