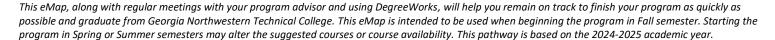
Drafting Technology (DT12) Diploma eMap





DRAFTING TECHNOLOGY DIPLOMA - MECHANICAL DRAFTING SPECIALIZATION

Please note: Students seeking the Drafting Technology Diploma with the Mechanical Specialization should follow this course pathway. See page 2 for Architectural Drafting Specialization eMap.

1 st set of suggested courses			
Course		Hours	Completed
DFTG 1101	CAD Fundamentals	4	
DFTG xxxx	Occupational Related Elective (Recommended course: DFTG 2010, Engineering Graphics)	4	
ENGL 1005	Applied Technical Communication	3	

2 nd set of suggested courses			
Course		Hours	Completed
DFTG 1103	Multiview/Basic Dimensioning	4	
DFTG 1105	3D Mechanical Modeling	4	
MATH 1012	Foundations of Mathematics	3	

MATH 1012 is the recommended course. Additional courses may be available that meet this requirement. See Course Catalog for more info.

3 rd set of suggested courses			
Course		Hours	Completed
DFTG 1015	Practical Mathematics for Drafting Technology	3	
DFTG xxxx	Guided Occupational Elective (Recommended course: DFTG 2020, Visualization and Graphics; Contact Program Advisor for alternative occupational elective options)	3	

DTFG 1015 is the recommended course. Additional courses may be available that meet this requirement. See Course Catalog for more info.

4 th set of suggested courses			
Course			Completed
DFTG 1107	Advanced Dimensioning/Sectional Views (Prerequisite DFTG 1103)	4	
DFTG 1109	Auxiliary Views/Surface Development	4	

5 th set of sugg	ested courses		
Course		Hours	Completed
DFTG 1111	Fasteners	4	
DFTG 1113	Assembly Drawings	4	
EMPL 1000	Interpersonal Relations and Professional Development	2	

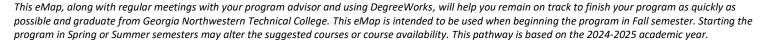
Total Credit Hours: 46 Minimum Credit Hours Required for Graduation

Drafting Technology Diploma (Mechanical Drafting Specialization) Program Planning Notes:

- Courses for this Diploma are offered at the Walker County Campus.
- Occupational Electives: Contact Program Advisor for alternative occupational elective options.
- 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.

Additional information for the Drafting Technology Diploma and program requirements can be found at GNTC.2024-2025 Catalog.

Drafting Technology (DT12) Diploma eMap





DRAFTING TECHNOLOGY DIPLOMA - ARCHITECTURAL DRAFTING SPECIALIZATION

Please note: Students seeking the Drafting Technology Diploma with the Architectural Specialization should follow this course pathway.

1st set of suggested courses			
Course		Hours	Completed
DFTG 1101	CAD Fundamentals	4	
DFTG xxxx	Occupational Related Elective (Recommended course: DFTG 2010, Engineering Graphics)	4	
ENGL 1005	Applied Technical Communication	3	

2 nd set of suggested courses			
Course Hours			Completed
DFTG 1103	Multiview/Basic Dimensioning	4	
DFTG 1125	Architectural Fundamentals	4	
MATH 1012	Foundations of Mathematics	3	

MATH 1012 is the recommended course. Additional courses may be available that meet this requirement. See Course Catalog for more info.

3 rd set of suggested courses			
Course		Hours	Completed
DFTG 1015	Practical Mathematics for Drafting Technology	3	

DTFG 1015 is the recommended course. Additional courses may be available that meet this requirement. See Course Catalog for more info.

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

5 th set of sugg	ested courses		
Course		Hours	Completed
DFTG 1131	Residential Drawing II	4	
DFTG 1133	Commercial Drawing I	4	
EMPL 1000	Interpersonal Relations and Professional Development	2	

Total Credit Hours: 46 Minimum Credit Hours Required for Graduation

Drafting Technology Diploma (Architectural Drafting Specialization) Program Planning Notes:

- Occupational Electives: Contact Program Advisor for alternative occupational elective options.
- 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.
 - CAD Operator Mechanical (CP61) Certificate at the end of the 4th set, if DFTG 1109 is completed.

Additional information for the Drafting Technology Diploma and program requirements can be found at GNTC 2024-2025 Catalog.