

Engineering Technology Basics (EBT1)

Certificate 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 2026-2027 academic year.



1 st set of suggested courses			
Course		Hours	Completed
ECET 1102	Circuit Analysis I (Recommended course)	3	☐
ECET 1102L	Circuit Analysis I Lab (Recommended course)	1	☐
ENGT 1000	Introduction to Engineering Technology	3	☐
MATH 1111	College Algebra	3	☐
ENGL 1101	Composition and Rhetoric	3	☐

ECET 1102 and ECET 1102L are the recommended courses. Additional courses (PHYS 1111 and PHYS 1111L may be available to meet these requirements. See Course Catalog for more info.

2 nd set of suggested courses			
Course		Hours	Completed
DFTG 2010	Engineering Graphics (Recommended Course)	4	☐
OR	OR		
DFTG 1101	CAD Fundamentals	4	☐
MATH 1113	Precalculus (Prerequisite: MATH 1111)	3	☐

DFTG 2010 is the recommended course. Additional courses may be available to meet this requirement. See Course Catalog for more info.

Total Credit Hours: 20 Minimum Credit Hours Required to Complete Certificate

Engineering Technology Basics Certificate Program Planning Notes:

- Courses for this program are offered at the Whitfield Murray Campus.
- ECET 1102 and ECET 1102L are the preferred courses for this program. This is because ENGL 1101, MATH 1111, then MATH 1113 are all prerequisite courses to PHYS 1111 and PHYS 1111L. This means PHYS 1111 and PHYS 1111L would need to be taken the following fall, adding additional semesters to this program.
- MATH 1111 and ENGL 1101 must be taken in the first set of suggested courses in order for MATH 1113 to be taken in the second set of suggested courses.
- The program advisor for EBT1 is Ronny (Darrell) Huggins, rhuggins@gntc.edu.

Additional information for the Engineering Technology Basics Certificate and program requirements can be found at [2026-2027 Catalog](#).