

Industrial Systems Fundamentals (IS61)

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 2024-2025 academic year.



1 st set of suggested courses			
Course		Hours	Completed
MATH 1012	Foundation in Mathematics	3	<input type="checkbox"/>
OR	OR		
MATH 1013	Algebraic Concepts		
IDFC 1007	Industrial Safety Procedures	2	<input type="checkbox"/>
IDSY xxxx	Occupational Elective	3	<input type="checkbox"/>
IDSY 1101	DC Circuit Analysis	3	<input type="checkbox"/>
OR	OR		
IDFC 1011	Direct Current I		
IDSY 1105	AC Circuit Analysis	3	<input type="checkbox"/>
OR	OR		
ELTR 1020	Alternating Current Fundamentals		
OR	OR		
IDFC 1012	Alternating Current I		

Total Credit Hours: 14 Minimum Credit Hours Required to Complete Certificate

Industrial Systems Fundamentals Certificate Planning Notes:

- Courses for this Certificate are offered at the Floyd County Campus and Catoosa County Campus. Schedules at each campus may vary.
- Courses for this program can be taken in any order.
- Students should refer to Course Catalog for occupational elective options. Prerequisite requirements, if any, for occupational elective of choice may add an additional course.

Additional information for the Industrial Systems Fundamentals Certificate and program requirements can be found at [GNTC 2024-2025 Catalog](#).