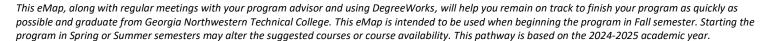
Industrial Electrical Controls (IE31) Certificate eMap





1st set of suggested courses				
Course		Hours	Completed	
MATH 1012	Foundations of Mathematics	3		
IDFC 1007	Industrial Safety Procedures	2		
IDFC 1012	Alternating Current I	3		

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

2 nd set of suggested courses				
Course		Hours	Completed	
ELTR 1180	Electrical Controls	4		
ELTR 1220	Industrial PLC's	4		

Total Credit Hours: 16 Minimum Credit Hours Required to Complete Certificate

Industrial Electrical Controls Certificate Planning Notes:

• Courses for this Certificate are offered at the Gordon County Campus.

Additional information for the Industrial Electrical Controls Certificate and program requirements can be found at GNTC 2024-2025 Catalog.