

Electrical Maintenance Technician (EM81) 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
IDSY 1101	DC Circuit Analysis	3	<input type="checkbox"/>
IDSY 1105	AC Circuit Analysis	3	<input type="checkbox"/>
IDSY 1130	Industrial Wiring	4	<input type="checkbox"/>

IDSY 1101 and IDSY 1105 are the recommended courses. Additional courses may be available to meet these requirements. See Course Catalog for more info.

2 nd set of suggested courses			
Course		Hours	Completed
IDSY 1110	Industrial Motor Controls I	4	<input type="checkbox"/>
IDSY 1210	Industrial Motor Controls II	4	<input type="checkbox"/>

IDSY 1101 and IDSY 1105 must be completed before taking IDSY 1110. IDSY 1210 is not required for the program but recommended by the program advisor.

3 rd set of suggested courses			
Course		Hours	Completed
IDSY 1120	Basic Industrial PLCs	4	<input type="checkbox"/>

IDSY 1101, IDSY 1105, and IDSY 1110 are advised pre-requisites for IDSY 1120.

Total Credit Hours: 18 Minimum Credit Hours Required to Complete Certificate

Electrical Maintenance Technician Certificate Program Planning Notes:

- Courses for this Certificate are offered at the Floyd County Campus, Catoosa County Campus, and Whitfield Murray County Campus. Schedules at each campus may vary.
- IDSY 1101, IDSY 1105, and IDSY 1130 can be taken during student's first semester OR any available semester.

Additional information for the Electrical Maintenance Technician Certificate and program requirements can be found at [GNTC 2024-2025 Catalog](#).