

Instrumentation and Controls Technician II (IA41)

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
ICET 2040	Fundamentals of Pressure, Temperature, Flow, and Level	5	☐
ICET 2060	Instrumentation Maintenance and Calibration	5	☐

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

2 nd set of suggested courses			
Course		Hours	Completed
ICET 2080	Final Control Elements	4	☐

3 rd set of suggested courses			
Course		Hours	Completed
IDSY 2750	Human Machine Interface	4	☐
IDSY 2800	Advanced Process Control	4	☐

4 th set of suggested courses			
Course		Hours	Completed
IDSY 2830	Networking Industrial Equipment	4	☐
IDSY 2850	Industrial Graphical Communication	4	☐

Total Credit Hours: 30 Minimum Credit Hours Required to Complete Certificate

Instrumentation and Controls Technician II Certificate Program Planning Notes:

- Courses for this program are offered at the Floyd County Campus.
- The program advisor for IA41 is Barry Williams, bwilliams@gntc.edu.

Additional information for the Instrumentation and Controls Technician II Certificate and program requirements can be found at [2026-2027 Catalog](#).