

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 2023-2024 academic year.



1st set of suggested courses

| Course | | Hours | Completed |
|-----------|--|-------|--------------------------|
| ICET 2040 | Fundamentals of Pressure, Temperature, Flow, and Level | 5 | <input type="checkbox"/> |
| ICET 2060 | Instrumentation Maintenance and Calibration | 5 | <input type="checkbox"/> |

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

2nd set of suggested courses

| Course | | Hours | Completed |
|-----------|------------------------|-------|--------------------------|
| ICET 2080 | Final Control Elements | 4 | <input type="checkbox"/> |

3rd set of suggested courses

| Course | | Hours | Completed |
|-----------|--------------------------|-------|--------------------------|
| IDSY 2750 | Human Machine Interface | 4 | <input type="checkbox"/> |
| IDSY 2800 | Advanced Process Control | 4 | <input type="checkbox"/> |

4th set of suggested courses

| Course | | Hours | Completed |
|-----------|------------------------------------|-------|--------------------------|
| IDSY 2830 | Networking Industrial Equipment | 4 | <input type="checkbox"/> |
| IDSY 2850 | Industrial Graphical Communication | 4 | <input type="checkbox"/> |

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.

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