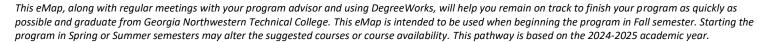
Industrial Systems Technology (IS13) Associate of Applied Science eMap





OCCUPATIONAL CURRICULUM (48 Credit Hours)

1st set of suggested courses				
Course		Hours	Completed	
IDSY 1101	DC Circuit Analysis (occurs in MiniMester A)*	3		
IDSY 1105	AC Circuit Analysis (occurs in MiniMester B)*	3		
IDSY 1190	Fluid Power Systems*	4		
IDSY 1130	Industrial Wiring*	4		

IDSY 1101 and IDSY 1105 are the recommended courses as they may be pre-requisites or courses that help meet certificate requirements. Additional courses may meet this requirement. See Course Catalog for more info.

2 nd set of suggested courses			
Course		Hours	Completed
IDSY 1170	Industrial Mechanics*	4	
IDSY 1110	Industrial Motor Controls I (Prerequisites: IDSY 1101 and IDSY 1105)	4	
XXXX xxxx	Occupational Elective: IDSY 1020, Print Reading and Problem Solving (Corequisite: IDSY 1110)	3	

3 rd set of suggested courses			
Course		Hours	Completed
IDSY 1210	Industrial Motor Controls II (Prerequisite: IDSY 1105, IDSY 1101, IDSY 1110)	4	
IDSY 1195	Pumps and Piping Systems*	3	
XXXX xxxx	Occupational Elective: AUMF 1150, Introduction to Robotics*	3	
XXXX xxxx	Occupational Elective: AUMF 2060, Work Cell Design*	2	

IDSY 1210 is strongly recommended to be taken prior to ISDY 1220. AUMF 2060 should be taken the same semester, or after completing, AUMF 1150.

Additional information for the Industrial Systems Technology AAS Degree and program requirements can be found at GNTC.2024-2025 Catalog.

4 th set of suggested courses			
Course		Hours	Completed
IDSY 1120	Basic Industrial PLC's (Prerequisite: IDSY 1105, IDSY 1101, IDSY 1110)	4	
XXXX xxxx	Occupational Elective	3	

5 th set of suggested courses			
Course		Hours	Completed
IDSY 1220	Intermediate Industrial PLC's (Prerequisite: IDSY 1105, IDSY 1101, IDSY 1110, IDSY 1120)	4	

GENERAL EDUCATION CORE CURRICULUM (15 Credit Hours)

Please note: The General Education Core Curriculum can be taken during the 4th and 5th set or anytime a suggested course is not available and student needs another course to meet hours.

General Education Core			
Course		Hours	Completed
ENGL 1101	Composition and Rhetoric	3	
XXXX xxxx	Humanities/ Fine Arts Elective	3	
XXXX xxxx	Social/ Behavioral Sciences Elective	3	
MATH 1103	Quantitative Skills and Reasoning	3	
OR MATH 1111	OR College Algebra		
XXXX xxxx	General Education Core Elective	3	

Total Credit Hours: 63 Minimum Credit Hours Required for Graduation

Industrial Systems Technology AAS Degree Planning Notes:

- Courses for this Associates Degree are offered at the Floyd County Campus and Catoosa County Campus. Schedules at each campus may vary.
- (*) Course can be taken any available semester. Course location/campus may vary.
- To complete a full-time schedule in the 4th or 5th set OR if an occupational curriculum course is at full capacity, student can be placed in a general education course and/or occupational elective course if they are open.
- If AUMF courses are completed where suggested for the Occupational Electives (3rd set), student
 will also earn a Robotic Technician (RT41) Certificate at Graduation.

Georgia Northwestern Technical College is a unit of the Technical College System of Georgia and an Equal Opportunity Institution.

Georgia Northwestern Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees.