

**Nashville State Community College
Industrial Process Control Technology
Maintenance Technician Concentration**

A.A.S Degree

This sequence can be followed by students who begin college-level work in the fall semester. Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Additional semesters may be required if prerequisite courses must be completed. Prior to registering each semester, the student is expected to consult with his or her advisor*.

NAME: _____

A# _____

CATALOG YR: 2025-2026

FIRST YEAR – FALL SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	Notes/Comments
ENGL 1010 English Composition I	3			Level 2 placement in English and Reading or Co-requisite enrollment in ENGL 0815 and/or READ 0815	
MATH 1630 Finite Mathematics	3			Level 2 Placement in Math or Concurrent enrollment in MATH 0845 and MATH 1630	
IPCT 1300 Industrial Safety	3				
IPCT 1310 Intro to Process Control	3				
WELD 1381 Fundamentals of Welding	3				
NSCC 1010 First Year Experience	1			First-time freshmen only	
Total Credit Hours	16				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	Notes/Comments
IPCT 1355 Millwright I	3			Level 2 Placement in Math or Co-requisite enrollment in MATH 0845	
IPCT 1365 Pipefitting I	3			WELD 1381 and Level 2 Placement in Math or Co-requisite enrollment in MATH 0845	
IPCT 1320 Quality	3			MATH 1630 highly recommended	
IPCT 1315 Process Technology I	3			PTEC 1050	
COMM 2025 Fundamental of Communication or COMM 2045 Public Speaking	3			ENGL 1010	
Total Credit Hours	15				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	Notes/Comments
IPCT 2350 Millwright II	3			IPCT 2350	
IPCT 2360 Pipefitting II	3			IPCT 2310	
IPCT 2310 Process Technology II	3			IPCT 1365	
IPCT 2370 Industrial E/I I	3			Level 2 placement or higher in Math or concurrent enrollment in MATH 0845.	
Humanities (MUS 1030 is recommended)	3			See Catalog	
Total Credit Hours	15				
SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Credit	Term	Grade	Prerequisite	Notes/Comments
IPCT 2355 Millwright III	3			IPCT 2350	
IPCT 2365 Pipefitting III	3			IPCT 2360	
IPCT 2375 Industrial E/I II	3			IPCT 2370	
IPCT 2380 Technical Chemistry	3			Level 2 placement in reading, English, and math; MATH 1630 highly recommended	
Social Science (PSYC 1030 is recommended)	3			See Catalog	
Total Credit Hours	15				
Total Degree Credit Hours	61				

*To find your Faculty Advisor's name and contact information, log in to myNSCC and click on Advising Resources.

Cooperative Education work experience in Industrial Process Control Technology and can be an important addition to a student's formal classroom work. Co-op courses, if appropriate, may substitute for technical courses up to nine credit hours with the prior

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approval of the department head. All Co-op work must have department head approval. The Career Services Office will provide the correct course numbers. Students participating in Cooperative Education are encouraged to work a minimum of two terms.

NCCER assessment: A student seeking the Maintenance Technician concentration with four (4) or more years of experience as a millwright or pipefitter may choose to take the National Center for Construction Education and Research (NCCER) skills assessment in place of certain coursework as listed above. For more information concerning NCCER assessment, contact Danny Sensing at 931-296-1739, ext. 318, or e-mail danny.sensing@nscc.edu.