INDUSTRIAL MANAGEMENT TECHNOLOGY, CERTIFICATE OF PROFICIENCY

The certificate in Industrial Management Technology is designed for students seeking an entry level position in the area of logistics and manufacturing operations. Students are introduced to technology related operations, engineering drawings, and industrial logistics of manufacturing. Application of math, communication, and science principles.

There will be no new students accepted in the program for Academic year 2024-2025. Current students should reach out to an academic counselor to create an academic plan to complete their remaining courses by the end of Summer 2026.

Financial Assistance funds cannot be applied towards this program. Request for eligibility to utilize Financial Assistance funds for this program is currently pending.

Program contact: Learn more

This certificate will be automatically awarded when the certificate requirements are completed. If you do not want to receive the certificate, please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.

Program Admission Requirements

- High School Diploma/GED
- Complete ENG-1010 College Composition I or ENG-101H Honors College Composition I
- MATH-0965 Intermediate Algebra with grade of "C" or higher; or appropriate score on Math placement test.
- Complete MET-1100 Technology Orientation

Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

a. Utilize inventory management skills including: GIS concepts (minimizing routes); basic use of an inventory management software systems; material flow, and cycle count concepts.
b. Identify and explain basic safety requirements and good safe work habits for working in manufacturing industries.
c. Communicate effectively, orally and in writing, and display professionalism, and work well in a team environment.
d. Utilize basic computer skills including word processing, spreadsheet, and database. (i.e. Excel, Access)
e. Utilize inventory management skills including: GIS concepts (minimizing routes); basic use of an inventory management software systems; material flow, and cycle count concepts.

Suggested Semester Sequence

First Semester		Credit Hours
MET-1100	Technology Orientation	2
MET-1120	Computer Applications and Programming	2
MET-1230	Drawing & AutoCAD	3
MET-1631	Industrial Supply Logistics	2
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Select one of the following:		3
MATH-1530	College Algebra	
MATH-153H	Honors College Algebra	
Select one of the following:		3
PSY-1010	General Psychology	
PSY-101H	Honors General Psychology	
	Credit Hours	**18**
Second Semester		
CNST-1740 or GEOG-1740	Fundamentals of Geographic Information Science or Fundamentals of Geographic Information Science	3
MET-2070	Introduction to Industrial Warehousing	2
PSY-1050	Introduction to Industrial/Organizational Psychology	3
MET-XXXX	Elective	3
Select one of the following:		3
MATH-1540	Trigonometry	
MATH-154H	Honors Trigonometry	
	Credit Hours	**14**
	Total Credit Hours	**32**

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.