



# Industrial Manufacturing Technology (IMT)

**Credential:** Certificate in CNC Operator/Machinist  
Advanced Certificate in CNC Operator/Programmer

## Program Description:

Erie County Community College's Industrial Manufacturing Technology Program prepares students for high-demand careers in operating Computer Numeric Controlled (CNC) machines. Students gain the skills needed to succeed in advanced manufacturing machine safety, blueprint reading, math, metrology, and proper part inspection methods as part of the production and planning process.

## BASIC CERTIFICATE: CNC Machinist/Operator

COURSE NUMBER	COURSE TITLE	CREDITS
IMT 102	Industrial Manufacturing Tech I	3
IMT 104	Industrial Manufacturing Tech II	3
MAT 107	Technical Math	3
IMT 112	Metrology – the Study of Measurement with GD&T	3
IMT 114	Intro to Print Reading	1
IMT 200	Introduction to CNC Programming I	3

**TOTAL for CERTIFICATE: 16**

## ADVANCED CERTIFICATE: CNC Operator/Programmer

COURSE NUMBER	COURSE TITLE	CREDITS
IMT 102	Industrial Manufacturing Tech I	3
IMT 104	Industrial Manufacturing Tech II	3
MAT 107	Technical Math	3
IMT 112	Metrology – the Study of Measurement with GD&T	3
IMT 200	Introduction to CNC Programming I	3
IMT 202	Introduction to CNC Programming II	3
IMT 204	Introduction to CNC Toolpath	3
IMT 206	Advanced CNC Programming	3

**PROGRAM TOTAL: 24**



To learn more about the program, visit <https://bit.ly/CNCEC3> or scan the QR code.



To watch a short video about the program, visit <https://bit.ly/4aKZ0Zm> or scan the QR code.