

METAL FABRICATION

Associate in Applied Science



The Associate in Applied Science Degree in Metal Fabrication will provide students with the necessary skills and knowledge for a career in the field of metal fabrication and welding.

Graduates are prepared to work in the tech sector, manufacturing, marine industry, and small businesses as:

- Fabricators
- Welders
- Fitters
- Manual Machinists
- Pressmen
- Foundry Workers
- Tool Makers

Average Starting Salary

\$52,250

Annually

Anticipated Job Growth

3%

Annually

Welders Needed Annually

90,000

Nationwide 2024-2027

Please see catalog for full program requirements.

Central Maine Community College does not discriminate and is an equal opportunity/affirmative action employer.

For more information, please call 207-755-5396 or email humanresources@cmcc.edu.

Degree Requirements

Semester I		Credit Hours
ENG ___*	Select one of the following:	
	ENG 101 College Writing	3 (4)
	ENG 105 College Writing Seminar	
MAT 104*	Technical Mathematics	3
PMT 103	Print Reading and Sketching	3
PMT 111	Introduction to Lathes	2
PMT 112	Introduction to Manual Milling	2
MEF 101	MIG Welding I	2
Semester II		
ENG 201	Technical Writing	3
MAT ___*	Level 100 or higher or Physics (PHY)	3 (4)
PMT 121	Introduction to Threading Processes	2
PMT 122	Work Holding Methods for Milling	2
MEF 102	TIG Welding I	4
OHS 102	Introduction to Occupational Health and safety	1
Semester III		
MEF 203	Tube Welding/Forming	2
MEF 204	CNC Plasma	2
MEF 205	Aluminum TIG Welding	4
PMT 228	Metallurgy	1
MEF 201	MIG Welding II	4
—	Elective: Humanities/Social Science	3
Semester IV		
MEF 202	TIG Welding II	4
MEF 206	Introduction to Stainless Steel Sanitary Welding/Finishing	2
MEF 207	Introduction to Metal Casting	2
PMT 217	Introduction to Tool Making	2
MEF ___	Elective:	
	MEF 208 Metal Spinning OR	1
	MEF 209 Powder Coating and Metal Finishing Techniques	
—	Elective: Humanities/Social Science	3
—	Elective: General Education	3
 Total Credit Hour Requirements		 63-65



*Placement determined by assessment test scores and/or prior college coursework

Office of Admissions

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www.cmcc.edu

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