Sheet Metal Technician

Bates Technical College Catalog Addendum 2025-26
Remove SHME 206 from required courses
2/2/2026

Degree Type
Certificate of Competency
Career Pathway
Transportation and Trades
Plan Code
SMTSCC90
Program Description

- 6 quarter Certificate of Completion

General Education Requirements

- 5 credits from the Communications Distribution
- 5 credits from the Quantitative Distribution
- 5 credits from the Sciences and Humanities Distribution

Note: See a Career Advisor prior to choosing courses that meet general education requirements.

Required Courses

Quarter 1

Course Code	Title	Credits
SHME 101	Introduction to Sheet Metal Technology	3
SHME 103	Fitting Fabrication I	7
SHME 105	Materials Technology	3
SHME 150	Hand Tools and Machines	5

Quarter 2

Course Code	Title	Credits
SHME 107	Applied Math	5
SHME 151	Safety and Health	4
SHME 152	Drafting I	6
SHME 217	Energy Codes	2
	AAS GENED Requirement: Communications or Quantitative or Sciences-Humanities	5

Quarter 3

Course Code	Title	Credits
SHME 112	Fitting Fabrication II	8

SHME 153	Architectural Sheet Metal	5
SHME 213	Introduction to Blueprint Reading	4
	AAS GENED Requirement: Communications or Quantitative or Sciences-Humanities	5

Quarter 4

Course Code	Title	Credits
SHME 203	Blueprint Reading Applications	5
SHME 206	Complex Components Fabrication	5
SHME 250	Drafting II	7
	AAS GENED Requirement: Communications or Quantitative or Sciences-Humanities	5

Quarter 5

Course Code	Title	Credits
SHME 251	Duct Design and Air Balancing Concepts	5
SHME 252	Field Installation I	6
WBAS 101	Welding Basics	8
	Total Credits	**98**