

Entry: Fall, Winter, Spring, Summer

Catalog: 2023-2024

• **Associate of Applied Science (AAS) 115 Credits**

FIRST QUARTER

COURSE	TITLE	CR
SHME101	Into. to Sheet Metal Tech.	3
SHME103	Fittings Fabrication I	7
SHME105	Materials Technology	3
SHME150	Hand Tolls & Machines	5

TOTAL CREDITS 18

SECOND QUARTER

COURSE	TITLE	CR
SHME107	Applied Math *GENED	5
SHME151	Principles of Health/Safety	4
SHME152	Drafting I	6
SHME217	Energy Codes	2
GENED	MATH or ENGL	5

TOTAL CREDITS 22

THIRD QUARTER

COURSE	TITLE	CR
SHME112	Fittings Fabrication II	8
SHME153	Architectural Sheet Metal	5
SHME213	Intro. to Blueprint Reading	4
GENED	MATH or ENGL	5

TOTAL CREDITS 22

FOURTH QUARTER

COURSE	TITLE	CR
SHME203	Blueprint Reading Application	5
SHME206	Complex Component Fab	5
SHME250	Drafting II	7
GENED	HUM/NAT SCI/SOC SCI/Other	5

TOTAL CREDITS 22

FIFTH QUARTER

COURSE	TITLE	CR
SHME251	Duct Design/Air Balancing	5
SHME252	Field Installation I	6
SHME253	Field Installation II	6

TOTAL CREDITS 17

SIXTH QUARTER

COURSE	TITLE	CR
SHME254	Commercial Projects	6
WBAS101	Welding Basics	8

TOTAL CREDITS 14

Certificate of Training – Sheet Metal Production Support (CoT) 44 Credits

FIRST QUARTER

COURSE	TITLE	CR
SHME103	Fittings Fabrication I	7
SHME105	Materials Technology	3

TOTAL CREDITS 10

SECOND QUARTER

COURSE	TITLE	CR
SHME107	Applied Math *GENED	5
SHME150	Hand Tolls & Machines	5
SHME217	Energy Codes	2

TOTAL CREDITS 12

THIRD QUARTER

COURSE	TITLE	CR
SHME112	Fittings Fabrication II	8
SHME253	Field Installation II	6
WBAS101	Welding Basics	8

TOTAL CREDITS 22

- **Certificate of Competency (CoC) 98 Credits**

FIRST QUARTER

COURSE	TITLE	CR
SHME101	Into. to Sheet Metal Tech.	3
SHME103	Fittings Fabrication I	7
SHME105	Materials Technology	3
SHME150	Hand Tolls & Machines	5

TOTAL CREDITS 18

SECOND QUARTER

COURSE	TITLE	CR
SHME107	Applied Math *GENED	5
SHME151	Principles of Health/Safety	4
SHME152	Drafting I	6
SHME217	Energy Codes	2
GENED	MATH or ENGL	5

TOTAL CREDITS 22

THIRD QUARTER

COURSE	TITLE	CR
SHME112	Fittings Fabrication II	8
SHME153	Architectural Sheet Metal	5
SHME213	Intro. to Blueprint Reading	4
GENED	MATH or ENGL	5

TOTAL CREDITS 22

FOURTH QUARTER

COURSE	TITLE	CR
SHME203	Blueprint Reading Application	5
SHME250	Drafting II	7
GENED	HUM/NAT SCI/SOC SCI/Other	5

TOTAL CREDITS 17

FIFTH QUARTER

COURSE	TITLE	CR
SHME251	Duct Design/Air Balancing	5
SHME252	Field Installation I	6
WBAS101	Welding Basics	8

TOTAL CREDITS 19

- **Certificate of Training – Residential Installer (CoT) 46 Credits**

FIRST QUARTER

COURSE	TITLE	CR
SHME120	Introduction to Sheet Metal Tech	3
SHME124	Fitting Fabrication	4
SHME125	Applied Math	3
SHME150	Hand Tolls & Machines	5

TOTAL CREDITS 15

SECOND QUARTER

COURSE	TITLE	CR
SHME 127	Prefabricated Components	2
SHME 128	Materials Handling Technology	2
SHME 129	Wood working Tools	1
SHME 130	Carpentry Installation	3
SHME 131	Air Properties Technology	1
SHME 132	Duct Installation	3
SHME 137	Duct Design Technology	3

TOTAL CREDITS 15

THIRD QUARTER

COURSE	TITLE	CR
SHME 133	Residential Venting Technology	2
SHME 134	Unit Operations	2
SHME 135	Code Principals	2
SHME 136	Gas Piping Technology	2
SHME 138	Preventive Maintenance	2
SHME253	Field Installation II	6

TOTAL CREDITS 16