



DEGREE: Associate of Applied Science

CONCENTRATION: Welding Technology

Student ID (790):

Student Name:

Advisor Name:

Credits Required: 60

FALL SEMESTER

COURSE NUMBER	COURSE TITLE	CREDITS	GRADE	NOTES
M 105	Contemporary Mathematics	3		or substitute M 105+ (4 cr)
WRIT 101	College Writing I	3		or substitute WRIT 101+ (4 cr)
COMX 102	Interpersonal Communication in the Workplace	1		
WLDG 180	Shielded Metal Arc Welding	4		
MCH 114	Related Metals Processes	3		
DDSN 113A	Technical Drafting	3		If additional credits are desired, DDSN 114 may be added this semester
	TOTAL CREDITS	17		If a lower credit load is necessary, WRIT and COMX may be scheduled in another semester

SPRING SEMESTER

COURSE NUMBER	COURSE TITLE	CREDITS	GRADE	NOTES
WLDG 117	Blueprint Reading & Welding Symbols	3		
WLDG 145	Fabrication Basics	4		
WLDG 187	Flux Cored Arc Welding	4		
OSH 110	10-Hour Safety Training	1		
BGEN 215	Career Readiness	3		Online course can be taken in any semester
	TOTAL CREDITS	15		

FALL SEMESTER

COURSE NUMBER	COURSE TITLE	CREDITS	GRADE	NOTES
DDSN 114	Intro to Computer Aided Design	3		
WLDG 205	Applied Metallurgy	4		
WLDG 210	Pipe Welding - Integrated Lab	4		
WLDG 215	Gas Tungsten Arc Welding	4		
	TOTAL CREDITS	15		

SPRING SEMESTER

COURSE NUMBER	COURSE TITLE	CREDITS	GRADE	NOTES
WLDG 245	Metal Fabrication Design and Construction	4		
WLDG 275	Gas Metal Arc Welding	4		
WLDG 280	Welding Certification and Codes	2		
WLDG 285	Automation in Welding	3		
	TOTAL CREDITS	13		

PROGRAM INFORMATION

Earn your associate degree in welding from Missoula College at the University of Montana and prepare for welding jobs in diverse industries from construction to aerospace. The two-year associate degree includes training with structural steel welding, drafting, design and metallurgy. You will gain an understanding of how heating and cooling cycles affect the properties of metals and how to account for temperature fluctuations in any automated welding system. Hands-on experiential learning is a critical part of this degree where you will complete welding tasks and receive immediate feedback, helping you to continually improve your skills and build your confidence to complete any welding job. All welding technology students have the opportunity to become certified to American Welding Society Standards.

CAREER INFORMATION

Your associate degree in welding technology from Missoula College in Montana will help you secure welding jobs in: assembly and fabrication, boilermaking, jewelry, precious stone and metal workers, Machinists, tool and die makers, Sheet metal workers, Plumbers, pipefitters and steamfitters Metal and plastics welders The average hourly salary for welders in Montana is \$22, but experienced welding technology employees can earn up to \$35 per hour. Other MT salary examples in this industry include \$79,500 average welding salary for pipefitters, \$64,500 for gas fitters, \$56,500 for ship welders, \$54,000 for boilermakers and \$48,600 for sheet metal workers.



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