

Post-Secondary Opportunities Information

POST-SECONDARY OPPORTUNITIES

- Dual enrollment and/or PLA (Prior Learning Assessment) credits provide a seamless pathway to one or more Welding Certificate of Completion (CCL), an Associate in Applied Science (AAS) in Welding, and a Bachelor of Interdisciplinary Sciences (BIS) in Industrial Leadership at NAU.
- ASU Bachelor of Applied Science (BAS) Degree options

COURSES AND CREDITS

Mesa Community College Dual Enrollment Credits available at Central and Southwest Campuses

Dual Enrollment is not available to high school graduates and students with a GED

- 1st Semester (\$500.00)
 - WLD106AA Introduction to SMAW (5 credits)
- 2nd Semester (\$985.00)
 - WLD106AB SMAW 6010 Plate (5 credits)
 - WLD106AC SMAW 7018 Plate (5 credits)
- 3rd Semester (\$500.00)
 - WLD206AD Advanced GTAW Ferrous (5 credits)
- 4th Semester (\$500.00)
 - WLD206AB Advanced GMAW and FCAW (5 credits)

To earn a **Welding Certificate of Completion (CCL)**, students must complete the following courses: WLD 106AA, and any one other WLD course. (2 courses for this CCL)

To earn a **Welding Fundamentals Certificate of Completion (CCL)**, students must complete the following courses: WLD106AA and WLD106AB OR WLD106AC and WLD206AB and WLD206AD. (4 courses for this CCL)

To earn a **Welding Shielded Metal Arc SMAW Plate Certificate of Completion (CCL)**, students must complete WLD 106AA and WLD106AC. (2 courses for this CCL)

Mesa Community College Prior Learning Assessment Credits available at Central and Southwest Campuses

Prior Learning Assessment Credits are available to all students

- WLD208AC FCAW Code Welding (5 credits)
- WLD208AA SMAW Code Welding (5 credits)
- Completion of the West-MEC Welding program and the Welding certifications, will grant 10 college credits (at no cost), upon acceptance and enrollment into the following degree program:
 - <https://www.maricopa.edu/degrees-certificates/applied-technology/welding-3244-aas>

COST REQUIREMENTS

Mesa Community College Dual Enrollment Credits available at Central and Southwest Campuses

- \$15 registration fee per semester
- \$97 per credit hour due soon after classes begin
 - Cost based upon meeting Maricopa residency and U.S. citizen/legal residency criteria (Must complete "Maricopa Community Colleges Student Declaration of Citizenship or Status" form. Visit www.maricopa.edu/residency)
- For dual enrollment grant availability, check with the Maricopa Community Colleges and West-MEC.
- Courses taken under dual enrollment may impact federal financial aid eligibility. To obtain additional information, students are encouraged to inquire with the college or university where they intend to enroll.



Program information may change as West-MEC strives to provide the best opportunities for students. Refer to www.west-mec.edu for most current information. Program is taught by industry certified instructors. West-MEC does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations.

Welding Technology

West-MEC 2023-24

Post-Secondary Opportunities Information

Mesa Community College Prior Learning Assessment Credits available at Central and Southwest Campuses

- No cost for this PLA opportunity; it is mandatory to earn the industry certification to receive PLA credit
 - <https://www.mesacc.edu/programs/welding>

ENROLLMENT INFORMATION

- Students that withdraw from the West-MEC program may receive college credit based on the number of completed courses.
- In a post-secondary setting, students are responsible for learning the policies of the institution to ensure that credits transfer to fulfill specific degree requirements. Visit www.aztransfer.com for Arizona colleges and universities.
- Dual Enrollment credits on each campus may vary based on West-MEC faculty qualifications

Northern Arizona University Bachelor Degree pathway - please see next page



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Revised 6/8/2023

Associate of Applied Science in Welding - MCC to BIS in Industrial Leadership 90/30 - NAU Unofficial Pathway Worksheet – 2020-2021			
AAS in Welding Major: 3244			
Course #	Course Title	Credits	Completed
West-MEC			
WLD 106AA	Introduction to SMAW	5	
WLD 106AB	SMAW 6010 Plate	5	
WLD 106AC	SMAW 7018 Plate	5	
WLD 206AD	Advanced GTAW Ferrous	5	
WLD 206AB	Advanced GMAW and FCAW	5	
WLD 208AB	GMAW Code Welding	5	
WLD 208AC	FCAW Code Welding	5	
WLD 208AA	SMAW Code Welding	5	
		TOTAL	40
MCC			
WLD 206AA	Introduction to GMAW/FCAW and GTAW	5	
WLD 103	Basic Blacksmithing and Metal Shaping	3	
WLD 150	Welding Blueprint Reading	3	
WLD 225	Welding Inspection and Quality Control	3	
Restricted Electives: Choose from Restricted Electives List with assistance from advisor (5-15)			
Free Electives: 0-4			
		TOTAL	19-29
AGEC Requirements			
Course #	Course Title	Credits	Completed
ENG 101 or ENG 107	English (FYC)	3	
ENG 102 or ENG 108	English (FYC)	3	
COM 225 (NAU Requirement)	Public Speaking (L)	3	
MAT 14x or higher	Math (MA) - Recommend 4+ credit math class to meet NAU 90/30 requirements.	4-6	
CIS 105 OR BPC 110	Computer/Statistics (CS)	3	
	Humanities (HU)*	3	
	Humanities (HU)*	3	
COM 100, 110 or 230 (NAU Requirement)	Social & Behavioral (SB)	3	
	Social & Behavioral (SB)*	3	
	Science (SQ)*	4	
	Science (SQ or SG)*	4	
CRE 101 or test exempt	College Critical Reading and Critical thinking or test exempt	0-3	
CIS/BPC +++	2nd Computer Literacy more advanced than CIS 105 or BPC 110	3	
*Choose 1 course for SB, HU, SQ or SG that meets Cultural (C) and 1 that meets [Historical (H) or Global Awareness (G)]		TOTAL	39-44
Electives if Needed (To reach 90 credits)			
Course #	Course Title	Credits	Completed
		TOTAL	

BIS Industrial Leadership 90/30 Required Core			
Course #	Course Title	Credits	Completed
Northern Arizona University at Mesa or Estrella Mountain Community College			
LEA 300W	Requisites for Effective Leadership Communications	3	
LEA 325	Frontline Leadership in Industrial Organizations I	3	
LEA 335	Creative Problem Solving & the Industrial Leader	3	
LEA 303	Management for this Millennium	3	
LEA 388	Leading and Managing Human Capital	3	
LEA 345	Project Leadership	3	
LEA 425	Frontline Leadership in Industrial Organizations II	3	
LEA 435	Data Driven Decision-Making for Industrial Leaders	3	
LEA 422	Managing High Performance Teams	3	
LEA 445C	Senior Capstone-Industrial Leadership	3	
Total Credits: 120		Total: 30	

Tuition Estimates for Bachelor Degree 90 credit transfer/30 credits with NAU		
West-MEC Dual Enrollment Credits	35 credits	\$2,780
Maricopa Community College	\$85 per credit hour for 58 credits	\$4,930
Northern Arizona University - Statewide <i>*students charged the same tuition rate regardless of AZ residency status</i>	\$4,183 + \$4,183 + \$2,654 for 2 full-time semesters & 1 summer	\$11,020
Total Estimated Tuition for Bachelor's Degree		\$18,730
2NAU Scholarship 3.0 GPA	\$1,000 per semester for 2 semesters	-\$2,000
Phi Theta Kappa Scholarship 3.5 GPA	\$2,000 per semester for 2 semesters	-\$4,000
Total Estimated Tuition with NAU Transfer Scholarships		\$12,730

Tuition rates based on 2020/2021 academic year and are subject to change. Costs can vary based on student schedules, part-time vs. full-time schedules, and number of semesters to complete degree. Tuition rates based on AZ resident status.