

HAWAI'I COMMUNITY COLLEGE, 2020-2021

Machine, Welding and Industrial Mechanics Technologies (MWIM)

Program Requirements (AAS Overall [67 credits, cumulative GPA 2.0 required from all courses])
 (CA Overall [52 credits, cumulative GPA 2.0 required from all courses])
 (CO Overall [16 credits, cumulative GPA 2.0 required from all courses])

Course	Course Name	Semester, Year & Grade	Credits		
			CO	CA	AAS
FALL:					
* MWIM 142	Introduction to Machine and Welding		8	8	8
* MWIM 145	Introduction to Arc Welding		4	4	4
ENG 102 OR ENG 100 OR ENG 106	College Reading Skills Composition I Technical English for the Workplace		---	---	3 (3) (3)
QM 120T OR MATH 100 or higher	Quantitative Methods for Trans Tech Survey of Mathematics (not Math 120)		---	---	3 (3)
	Semester Total		12	12	18
SPRING:					
* MWIM 155	Intermediate Welding & Qualification Procedures		4	4	4
* MWIM 152	Sheet Metal Machining		---	8	8
BLPR 50	Blueprint for Welding & Machine Trades		---	4	4
	Semester Total		4	16	16
FALL:					
* MWIM 162	Lathe Facing and Knurling		---	4	4
* MWIM 165	Advanced Welding		---	8	8
ELECTIVE	Cultural Env., Natural Env., Social Env. (see next page)		---	---	3
ELECTIVE	Cultural Env., Natural Env., Social Env. (see next page)		---	---	3
	Semester Total		---	12	18
SPRING:					
* MWIM 172	Introduction to CNC Milling		---	4	4
* MWIM 175	Special Process Welding & Rigging		---	8	8
ELECTIVE	Cultural Env., Natural Env., Social Env. (see next page)		---	---	3
	Semester Total		---	12	15

<p>1. Cultural Environment Elective [1 COURSE REQUIRED, 3 cr.]</p> <p>ART 101, 105B, 105C, 107D, 108, 111, 112, 113, 114, 115, 120, 123, 125, 126, 159, 202, 209, 211, 212, 214, 217, 223, 225, 227, 230, 243, 244, 246, 248, 249, 257, 269C, 294, 295, 296, ASAN 120†, 121†, 122†, DNCE 153, 185, 190V, 256† (see ECED 256), 285, 290V, ECED 256† (see DNCE 256), ENG 103, 105, 204, 205† (see JOUR 205), 215, 255, 256, 257A, 257E, HAW 101, 102, 201, 202, HIST 120, 151, 152, 153, 154, 241, 242, 274, 284, 288, HUM 100, 160† (see SSCI 160), 275† (see PSY 275), HWST 100, 101, 102, 103, 105, 106, 107, 130, 131, 140, 141, 150, 151, 160, 161, 201†, 204, 206, 219, 230, 231, 240, 241, 250, 251, 260, 261, 270, JOUR 205† (see ENG 205), JPNS 101, 102, 121, 122, LING 102, 121† (see ANTH 121), 235† (see ANTH 235), MUS 102, PHIL 100, 101, 102, 120, 211, 213, 255, PSY 275, REL 150, 151, 152, 153, SP 231, 233, 251</p>		---	---	---
<p>2. Natural Environment Elective [1 COURSE REQUIRED, 3 cr.]</p> <p>AG 122, 141, 175, 175L, 200, 250, 260, ASTR 110, 281, BIOC 141, BIOL 100, 100L, 101, 101L, 124, 124L, 156, 156L, 171, 171L, 172, 172L, BOT 101, 101L, 105, 105L, 130, 130L, CHEM 100, 100L, 151, 151L, 161, 161L, 162, 162L, EARTH 101, 101L, GEOG 101, 101L, 170, 170L, 270, 270L, MICR 130, 140L, OCN 201, 205, PHRM 203, PHYL 141, 141L, 142, 142L, PHYS 100, 100L, 105, ZOOL 101, 101L</p>		---	---	---
<p>3. Social Environment Elective [1 COURSE REQUIRED, 3 cr.]</p> <p>AG 157, 230, AJ 101, 180, 210, 256† (see HSER/WS 256), 280, 290B, 290C, 290D, ANTH 121† (see LING 121), 150, 200, 235† (see LING 235), ASAN 120†, 121†, 122†, BUSN 164, ECON 120, 130, 131, ECED 105, 131, FAMR 230, GEOG 102, 122, HD 234, HOST 290, HSER 110, 140, 141† (see SUBS 141), 248† (see SUBS 248), 256† (see AJ/WS 256), HWST 201†, ICS 100, IS 101, MGT 124, POLS 110, PSY 100, 170, 214, 251, 270, 275† (see HUM 275), SOC 100, 208, 218, 251, 265, 289, 290, SP 130, 151, 260, SSCI 111, 150, 160† (see HUM 160), 250, SUBS 141† (see HSER 141), 248† (see HSER 248), 268, 270, 275, 280, WS 151, 256† (see AJ/HSER 256)</p>		---	---	---

Total Credits: 16 52 67

Courses completed that do not apply to major

Course	Sem., Yr. & Grade	Course	Sem., Yr. & Grade

* No grade below “C” will be counted for graduation

† These courses are cross-listed but will only count once for graduation requirements.