

# HAWAI'I COMMUNITY COLLEGE, 2021-2022

## 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
<b>FALL:</b>					
* MWIM 142	Introduction to Machine and Welding		8	8	8
* MWIM 145	Introduction to Arc Welding		4	4	4
ENG 102 <b>OR</b> ENG 100 <b>OR</b> ENG 106	College Reading Skills		---	---	3
	Composition I		---	---	(3)
	Technical English for the Workplace		---	---	(3)
QM 120T <b>OR</b> MATH 100 or higher	Quantitative Methods for Trans Tech		---	---	3
	Survey of Mathematics (not Math 120)		---	---	(3)
	<b>Semester Total</b>		<b>12</b>	<b>12</b>	<b>18</b>
<b>SPRING:</b>					
* 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
	<b>Semester Total</b>		<b>4</b>	<b>16</b>	<b>16</b>
<b>FALL:</b>					
* 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
	<b>Semester Total</b>		---	<b>12</b>	<b>18</b>
<b>SPRING:</b>					
* 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
	<b>Semester Total</b>		---	<b>12</b>	<b>15</b>

<p><b>1. Cultural Environment Elective</b> [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, <b>ASAN</b> 120†, 121†, 122†, <b>DNCE</b> 153,185,190V, 256† (see ECED 256), 285, 290V, <b>ECED</b> 256† (see DNCE 256), <b>ENG</b> 103, 105, 204, 205† (see JOUR 205), 215, 255, 256, 257A, 257E, <b>HAW</b> 101, 102, 201, 202, <b>HIST</b> 120, 151, 152, 153, 154, 241, 242, 274, 284, 288, <b>HUM</b> 100, 160† (see SSCI 160), 275† (see PSY 275), <b>HWST</b> 100, 101, 102, 103, 105, 106, 107, 130, 131, 140, 141, 150, 151, 160, 201†, 206, 219, 230, 231, 260, 270, 272, <b>JOUR</b> 205† (see ENG 205), <b>JPNS</b> 101, 102, 121, 122, <b>LING</b> 102, 121† (see ANTH 121), 235† (see ANTH 235), <b>MUS</b> 102, <b>PHIL</b> 100, 101, 102, 120, 211, 213, 255, <b>PSY</b> 275, <b>REL</b> 150, 151, 152, 153, <b>SP</b> 231, 233, 251</p>		---	---	---
<p><b>2. Natural Environment Elective</b> [1 COURSE REQUIRED, 3 cr.]</p> <p>AG 122, 141, 175, 175L, 200, 250, 260, <b>ASTR</b> 110, 281, <b>BIOC</b> 141, <b>BIOL</b> 100, 100L, 101, 101L, 124, 124L, 156, 156L, 171, 171L, 172, 172L, <b>BOT</b> 101, 101L, 105, 105L, 130, 130L, <b>CHEM</b> 100, 100L, 151, 151L, 161, 161L, 162, 162L, <b>ERTH</b> 101, 101L, <b>GEOG</b> 101, 101L, 170, 170L, 270, 270L, <b>MICR</b> 130, 140L, <b>OCN</b> 201, 205, <b>PHRM</b> 203, <b>PHYL</b> 141, 141L, 142, 142L, <b>PHYS</b> 100, 100L, 105, <b>ZOOL</b> 101, 101L</p>		---	---	---
<p><b>3. Social Environment Elective</b> [1 COURSE REQUIRED, 3 cr.]</p> <p>AG 157, 230, <b>AJ</b> 101, 180, 210, 256† (see HSER/WS 256), 280, 290B, 290C, 290D, <b>ANTH</b> 121† (see LING 121), 150, 200, 235† (see LING 235), <b>ASAN</b> 120†, 121†, 122†, <b>BUSN</b> 164, <b>ECON</b> 120, 130, 131, <b>ECED</b> 105, 131, <b>GEOG</b> 102, 122, <b>HD</b> 234, <b>HDFS</b> 230, <b>HOST</b> 290, <b>HSER</b> 110, 140, 141† (see SUBS 141), 248† (see SUBS 248), 256† (see AJ/WS 256), <b>HWST</b> 201†, <b>ICS</b> 100, <b>IS</b> 101, <b>MGT</b> 124, <b>POLS</b> 110, <b>PSY</b> 100, 170, 214, 251, 270, 275† (see HUM 275), <b>SOC</b> 100, 208, 218, 251, 265, 289, 290, <b>SP</b> 130, 151, 260, <b>SSCI</b> 111, 150, 160† (see HUM 160), 250, <b>SUBS</b> 141† (see HSER 141), 248† (see HSER 248), 268, 270, 275, 280, <b>WS</b> 151, 256† (see AJ/HSER 256)</p>		---	---	---
<b>Total Credits:</b>		<u>16</u>	<u>52</u>	<u>67</u>

**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.