# HAWAI‘I COMMUNITY COLLEGE, 2014-2015
Machine, Welding and Industrial Mechanics Technologies (MWIM)

**Program Requirements** (AAS Overall [69 credits, cumulative GPA 2.0 required from all courses])
(CA Overall [60 credits, cumulative GPA 2.0 required from all courses])
(CO Overall [16 credits, cumulative GPA 2.0 required from all courses])

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Name</th>
<th>Semester, Year &amp; Grade</th>
<th>CO</th>
<th>CA</th>
<th>AAS</th>
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<tr>
<td>* MWIM 42</td>
<td>Introduction to Machining and Welding</td>
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<td>* MWIM 45</td>
<td>Introduction to Arc Welding</td>
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<tr>
<td>ENG 21/ESL 21</td>
<td>Developmental Reading</td>
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<td>or higher</td>
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<tr>
<td>ENG 22 or (ESL 22G &amp; ESL 22W)</td>
<td>Introduction to Expository Writing</td>
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<tr>
<td>MATH 50</td>
<td>Technical Mathematics I</td>
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<td>ENG 100</td>
<td>Composition I</td>
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<td>MATH 100</td>
<td>Survey of Mathematics (not Math 120)</td>
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<td><strong>SPRING:</strong></td>
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<tr>
<td>* MWIM 55</td>
<td>Intermediate Welding &amp; Qualifications Procedures</td>
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<td>* MWIM 52</td>
<td>Sheet Metal and Machining</td>
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<td>BLPR 30D</td>
<td>Blueprint Reading for Machine Trades I</td>
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<td>ELECTIVE</td>
<td>Cultural Env., Natural Env., Social Env. (see next page)</td>
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<tr>
<td>* MWIM 62</td>
<td>Lathe Facing and Knurling</td>
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<td>* MWIM 65</td>
<td>Advanced Welding</td>
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<td>BLPR 30B</td>
<td>Blueprint Reading for Welders</td>
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<td>* MWIM 72</td>
<td>Introduction to CNC Milling</td>
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<td>* MWIM 75</td>
<td>Special Process Welding &amp; Rigging</td>
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<tr>
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<td><strong>Semester Total</strong></td>
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### 1. Cultural Environment Elective [1 COURSE REQUIRED – 3 cr.]

<table>
<thead>
<tr>
<th>Course</th>
<th>Sem., Yr. &amp; Grade</th>
<th>Course</th>
<th>Sem., Yr. &amp; Grade</th>
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<tbody>
<tr>
<td>ART 101, 105B, 105C, 107, 107D, 108, 111, 112, 113, 114, 115, 120, 123, 125, 126, 159, 202, 207, 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, 281, 282, 284, 288, HUM 100, 160† (see SSCI 160), 275†, HWST 100, 101, 102, 103, 104, 105, 106, 107, 119, 130, 131, 140, 141, 150, 151, 160, 180, 201†, 204, 206, 230, 231, 232, 233, 240, 241, 250, 251, 260, 261, 280, 281, 282, 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, SPCO 231, 233, 251</td>
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### 2. Natural Environment Elective [1 COURSE REQUIRED – 3 cr.]

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<th>Course</th>
<th>Sem., Yr. &amp; Grade</th>
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### 3. Social Environment Elective [1 COURSE REQUIRED]

<table>
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<tr>
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<th>Sem., Yr. &amp; Grade</th>
<th>Course</th>
<th>Sem., Yr. &amp; Grade</th>
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<tbody>
<tr>
<td>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, ECN 120, 130, 131, ECED 105, 131, FAMR 230, GEOG 102, HD 234, 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, 230, 270, 275†, SOC 100, 208, 218, 251, 265, 289, 290, SPCO 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 HSER/WS 256)</td>
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**Total Credits:** 16 60 69

Courses completed that do not apply to major

<table>
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<tr>
<th>Course</th>
<th>Sem., Yr. &amp; Grade</th>
<th>Course</th>
<th>Sem., Yr. &amp; Grade</th>
</tr>
</thead>
</table>

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

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

"For more information on Gainful Employment on all of our programs, please go to the following link:
http://www.hawaii.hawaii.edu/financialaid/docs/gainful_employment.pdf"