

## ARTICULATION AGREEMENT

between

**The United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada (UA)**

Veterans in Piping –Fire Sprinkler Fitting Program

And

**Washtenaw Community College**

Associates of Science in Construction Supervision

### *ARTICULATION GUIDE*

Veterans in Piping –Fire Sprinkler Fitting Program	Hours	WCC Credits
Heritage & Strategies for Success as a Sprinkler Fitter	25	
Use & Care of Tools	15	
Basic Drawing for the Sprinkler Fitter	15	
Mathematics for the Sprinkler Fitter	30	
Miscellaneous Technical Discussion/Training	100	
Miscellaneous Technical Training	<u>128</u>	
Total	313	Credit Hours: 6
MIOSHA – 30 Hours Certification	30	
Job Safety and Health	<u>24</u>	
Total	54	Credit Hours:2
Hands-on Training	<u>357</u>	
Total	357	Credit Hours:8
Total Credit Hours Awarded on Completion of UA’s Veterans in Piping – Fire Sprinkler Fitting Program		Credit Hours: 16

\*in accordance with requirements laid out in Article II of the Articulation Agreement

This agreement is effective as of February 1, 2022 and until January 30, 2025.

Interested students should contact Kandi Jurek, Manager of UA Programs: [kjurek@wccnet.edu](mailto:kjurek@wccnet.edu)

## ARTICULATION AGREEMENT

between

**The United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada (UA)**

Veterans in Piping –HVACR Program

and

**Washtenaw Community College**

Associates of Science in Construction Supervision

### *ARTICULATION GUIDE*

Veterans in Piping – HVACR Program	Hours	WCC Credits
Use & Care of Tools	16	
Standards for Excellence	12	
HVAC Student Set	72	
Conservation and Safe Handling of Refrigerants	80	
Refrigeration Manual	72	
Basic Electricity Manual	70	
Customer Service Manual	8	
Solder and Brazing Manual	30	
Related Math	18	
Electrical Controls for Mechanical Equipment Diagrams	<u>8</u>	
Total	386	Credit Hours: 8
MIOSHA – 30 Hours Certification	30	
Job Safety and Health	8	
First Aid CPR/AED	<u>16</u>	
Total	54	Credit Hours:2
Hands-on Training	<u>250</u>	
Total	357	Credit Hours: 6
Total Credit Hours Awarded on Completion of UA’s Veterans in Piping – HVACR Program		Credit Hours: 16

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This agreement is effective as of February 1, 2022 and until January 30, 2025.

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# ARTICULATION AGREEMENT

between

**The United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada (UA)**

Veterans in Piping –Welding Program

and

**Washtenaw Community College**

Associates of Science in Construction Supervision

## *ARTICULATION GUIDE*

Veterans in Piping – Welding Program	Hours	WCC Credits
Use & Care of Tools	16	
Standards for Excellence	6	
Related Math	24	
Oxy-Fuel Cutting and Welding and Shielded Metal Arc Welding	64	
Gas Tungsten Arc Welding	<u>64</u>	
Total	150	Credit Hours: 3
MIOSHA – 30 Hours Certification	30	
Job Safety and Health	<u>24</u>	
Total	54	Credit Hours:2
Hands-on Training	<u>492</u>	
Total	492	Credit Hours: 11
Total Credit Hours Awarded on Completion of UA’s Veterans in Piping – Welding Program		Credit Hours: 16

\*in accordance with requirements laid out in Article II of the Articulation Agreement

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Interested students should contact Kandi Jurek, Manager of UA Programs: [kjurek@wccnet.edu](mailto:kjurek@wccnet.edu)

**First Semester**

Class	Title	Minimum Credits
<u>UAS 111</u>	Construction Supervision I: Motivating Employees	3
	Math Elective(s)	3
	Nat. Sci. Elective(s)	3
	Writing Elective(s) 1	4
	Union Approved Apprenticeship	3
Total		16

**Second Semester**

Class	Title	Minimum Credits
<u>UAS 122</u>	Construction Supervision II: Supervisory Skills	3
<u>UAS 210</u>	Construction Supervision III: Legal and Personnel Aspects	3
	Arts/Human. Elective(s) 1	3
	Soc. Sci. Elective(s) 1	3
	Union Approved Apprenticeship	4
Total		16

**Third Semester**

Class	Title	Minimum Credits
<u>UAS 222</u>	Construction Supervision IV: The Construction Project	3
	Arts/Human. Elective(s) 2	3
<u>Elective</u>	Nat. Sci. Lab Elective(s)	3
<u>Elective</u>	General Education Elective(s) (0-2 credits) to reach a minimum 30 General Education Credits	2
	Union Approved Apprenticeship	4
Total		15

**Fourth Semester**

Class	Title	Minimum Credits
<u>UAS 230</u>	Construction Supervision V: Scheduling and Project Management	3
	Soc. Sci. Elective(s) 2	3
	Speech/Comp. Elective(s)*	3
	Union Approved Apprenticeship	8
Total		17

<b>Total Credits Required</b>	<b>64</b>
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**Footnotes:** \*UA students may use UAT 210 Public Speaking (1.5 credits) and UAT 213 Planning, Teaching and Assessing Effective Lessons - Advanced (1.5 credits). All others should complete an approved Second Writing/Composition or Speech course from the approved list.

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