

ARTICULATION AGREEMENT

between

**International Association of Bridge,
Structural, Ornamental and Reinforcing
Ironworkers**

Apprenticeship and Journeyman Training Programs

and

Washtenaw Community College

Associate of Science in Construction Supervision

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and
Washtenaw Community College
Associate of Science in Construction Supervision

Article I
Agreement on Principle

Washtenaw Community College (WCC) and the International Association of Bridge, Structural, Ornamental and Reinforcing Ironworkers (International Ironworkers' Union) agree that students who earn academic credit through the completion of an approved Apprenticeship Program through the Ironworkers Union should be provided with a smooth curriculum transition that minimizes loss of credit and duplication of coursework. Therefore, Washtenaw Community College and the International Ironworkers' agree to enter into this program articulation agreement for students who complete an approved Apprenticeship Program who transfer to Washtenaw's Associate of Science in Construction Supervision program. Both partners enter into this agreement as cooperating, equal partners who shall maintain the integrity of their separate programs.

Article II
Agreement of Program Specifics

Washtenaw Community College and International Ironworkers agree that any student who has successfully completed an approved Apprenticeship Program through their training program may transfer the credits as indicated on the attached Articulation Guide toward an Associate of Science in Construction Supervision at WCC. The requirements are:

1. Complete an approved Apprenticeship Program and receive the Certificate of Achievement for which WCC will grant the appropriate college course credit (see appendix A).
2. Apply for admission to Washtenaw Community College.
3. Complete the orientation process and qualify for enrollment in 100 and 200 level courses or participate in appropriate preparatory coursework.

4. Enroll in and complete at least one college-level (100 or above) credit class. Submit a copy of your Department of Labor's Office of Apprenticeship (DOL/OA) Certificate of Completion to the Student Connection at WCC to receive transfer credit.
5. Complete the program and graduation requirements as specified on the Articulation Guide.
6. Apply for graduation four months prior to the beginning of the semester in which you plan to graduate.

WCC college course credits will be awarded according to Apprenticeship Program courses (see Appendix B) using the hours each specific program has devoted to individual subjects.

Article III Agreement on Communication

International Ironworkers' and WCC agree to cooperate in communicating with each other and with their common and respective publics concerning the established relationship between the two institutions. Communication may include the development of various kinds of publications to inform those who might benefit personally or professionally from this agreement. Faculty and staff at both institutions will share the information in this agreement with interested and qualified student and both institutions will provide counseling and advising to students and prospective students.

Article IV Maintenance and Review Body and Procedures

At least one administrative or faculty member from each institution will be appointed to act as agents for the implementation of this agreement and to communicate changes to respective faculty members, advisors, counselors and others to whom the information is pertinent. WCC and the International Ironworkers' agree to communicate annually any curriculum changes in their respective programs that may affect this articulation agreement and to review the agreement for revision and possible renewal during the third year.

This agreement is effective as of August 1, 2019 and until July 31, 2022.

ARTICULATION AGREEMENT

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**International Association of Bridge, Structural, Ornamental and Reinforcing
Ironworkers**

Apprenticeship and Journeyman Training Programs
and

Washtenaw Community College
Associate of Arts in Construction Management

The Ironworkers' Union and Washtenaw Community College agree to the terms of this agreement, which will be for an initial period of three (3) years. During the third year, both parties will review the agreement for revisions and renewal. If the agreement is not renewed by the end of the fourth year, it will be discontinued. In this case, students who have selected and designated this program prior to its discontinuation will have an additional three years to be admitted to Washtenaw Community College under the terms of this agreement

SIGNATURES

**International Association of Bridge,
Structural, Ornamental and
Reinforcing Ironworkers**

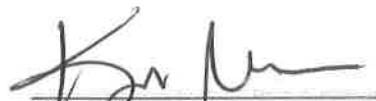
 8-8-2019
Lee Worley Date

International Association of Bridge,
Structural, Ornamental and Reinforcing
Ironworkers

SIGNATURES

Washtenaw Community College

 8/26/19
Rose B. Bellanca Date
President

 8/22/2019
Kimberly Hurms Date
Vice President for Instruction

 8/7/19
Brandon Tucker Date
Dean, Advanced Technologies and
Public Service Careers

Appendix A

WCC will grant college course credit as noted below

Course	Credit Hours
IWA 110 Introduction to International Ironworker	6
IWA 111 Cranes, Scaffolding and Rigging for International Ironworkers	3
IWA 112 Safety for International Ironworkers	3
IWA 113 Structural Steel for International Ironworkers	4
IWA 1114 Welding for International Ironworkers	2
IWA 115 Architectural and Ornamental for International Ironworkers	3
IWA 116 Reinforcing Concrete	1
Total Credits	22

Appendix B

Course	Class Hours	Hand-on Training	Credit Hours
IWA 110 Introduction to International Ironworker This course is an introduction to ironworking for new apprentices. Course topics include blueprints and mathematics for ironworkers along with the history of organized labor and foreman training. Limited to Ironworker apprentices.	104	20	6
IWA 111 Cranes, Scaffolding and Rigging for International Ironworkers This course introduces rigging, cranes and scaffolding. Course topic include working with cranes, scaffolding and rigging in the classroom and the field. Limited to Ironworker apprentices.	65	56	3
IWA 112 Safety for International Ironworkers This course provides an overview to metal building erection and finishing for new apprentices. Topics include primary and secondary framing and wall sheeting. Limited to Ironworker apprentices.	47	6	3
IWA 113 Structural Steel for International Ironworkers This course is an overview of structural steel for new apprentices. Topics include erecting steel structures, metal building systems and structural bolt certification. Limited to Ironworker apprentices.	52	28	4
IWA 1114 Welding for International Ironworkers This course focuses on layout and welding. Students will develop skills in layout, shielded metal arc-welding and flux cored arc-welding Limited to Ironworker apprentices.	28	92	2
IWA 115 Architectural and Ornamental for International Ironworkers This course focuses on the windows, wall system and glass railings. Limited to Ironworker apprentices.	45	25	3
IWA 116 Reinforcing Concrete In this course, students focus on placing reinforcing steel in concrete and using precast concrete in the building process. Students will also focus a minimum of 40 contact hours on various skills in architectural & ornamental, reinforcing or other technical subjects	14	58	1
Total Credits			22

Appendix C

Construction Supervision (ASCNSP) Associate in Science Degree 2019-2020

Description

This program gives apprentice and journey-level members of the articulated union building trade apprenticeship programs the opportunity to apply their apprenticeship training and trade-related experience toward an associate's degree in Construction Supervision. In addition to the courses in Construction Supervision, students will complete general education courses and receive nontraditional credit for their work experience and apprenticeship.

Students must complete an apprenticeship program concentration in plumbing, pipefitting, HVAC, sprinkler fitting, ironworking, bricklaying, tile setting or other approved union building trade. Upon completion of this, students should apply for prior learning credit evaluation of their apprenticeship experiences to meet the apprentice program concentration requirement (19-26 credits).

Admissions Requirements

The program is only open to active members of articulated union building trade apprenticeship programs.

Contact Information

Division: Adv Tech/Public Serv Careers
Department: United Association Dept
Advisors: Brittany Tripp

Requirements

First Semester

Class	Title	Minimum Credits
UAS 111	Construction Supervision I: Motivating Employees	3
Elective(s)	Math	3
Elective(s)	Natural Sciences	3
Elective(s)	Writing/Composition 1	4
	Union Approved Apprenticeship	3
Total		16

Second Semester

Class	Title	Minimum Credits
UAS 122	Construction Supervision II: Supervisory Skills	3
UAS 210	Construction Supervision III: Legal and Personnel Aspects	3
Elective(s)	Arts and Humanities 1	3
Elective(s)	Social and Behavioral Science 1	3
	Union Approved Apprenticeship	4
Total		16

Third Semester

Class	Title	Minimum Credits
UAS 222	Construction Supervision IV: The Construction Project	3
Elective(s)	Arts and Humanities 2	3
Elective(s)	Natural Sciences with Lab	3
	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
UAS 230	Construction Supervision V: Scheduling and Project Management	3
Elective(s)	Social and Behavioral Science 2	3
Elective(s)	Writing/Composition or Communication *	3
	Union Approved Apprenticeship	8
Total		17

Total Credits Required

64

Footnotes

*UA students may use UAT 210 Public Speaking (1.5 credits) and UAT 213 Planning and Presenting Lessons (1.5 credits). All others should complete an approved Second Writing/Composition or Speech course from the approved list.