



**Approved Minutes of the
Ironworking
State Apprenticeship Advisory Committee**

April 27, 2018
Local 383 Training Center
Madison, Wisconsin

Members Present	Organization / Employer
Cyganek, Brad (Co-Chair)	Ironworkers Local 8
Hager, Ben (Co-Chair)	J.H. Findorff
Hanson, Rich	Ironworkers Local 8
Mayrhofer, Tony	Ironworkers Local 8
Riley, John	K.F. Sullivan Co.
Shultis, Andrew	Ironworkers Local 383
Members Absent	Organization / Employer
Davies, Barry	Local 512 (MN)
DeMinter, Tim	Ironworkers Local 383
Hooyman, Chad	SPE Little Chute
Consultants and Guests	Organization / Employer
Badger, Richard	Bureau of Apprenticeship Standards
Johnson, Josh	Bureau of Apprenticeship Standards
Mayek, Mandy	Mid-State Technical College
Nakoul, Nancy	WTC
Schanke, Debbie	Bureau of Apprenticeship Standards
Smith, Owen	Bureau of Apprenticeship Standards
Stern, Pete	Ironworkers Local 383

1. The meeting was called to order at 10:05 a.m. by Co-Chair Brad Cyganek, in accordance with the Wisconsin Open Meeting Law.
2. Attendees signed the attendance record and introduced themselves.
3. The committee reviewed its roster. The state committee needs two additional Employer members, one from the northwest and one from the southeast, to balance the roster. The Bureau is recruiting Red Cedar for one seat. Tony Mayerhorf will contact the ACEA contractor organization to nominate the second member from a company in southeast Wisconsin.

4. **Old Business**

a. Review the follow-up items from the previous meeting:

i. For action: approve the minutes

The committee approved the minutes as written.

ii. How is accepting ACT scores proceeding?

The training coordinators for both joint apprenticeship committees reported that accepting ACT scores is proceeding well, especially for high school graduates. It has streamlined the application process. The Milwaukee JAC reported that one-third of applicants submitted ACT scores. The Madison JAC reported that several applicants submitted ACT scores. Both JACs project more applicants will submit ACT in time.

iii. How is the new training facility in Neenah proceeding?

A representative of the Milwaukee Joint Apprenticeship Committee reviewed that Local 8's new training center in Neenah has been operational since September 2017. The local union purchased the 16,000 sq. ft. warehouse through a grant from its international union, which will also fund equipment purchases over the next five years. The facility includes a 12,000 sq. ft. open bay and a weld shop.

The Bureau reminded the state committee that an apprenticeship training representative must inspect the facility and the Bureau must approve it. The inspection is minor in scope. ATR Debbie Schanke stated she will forward the inspection checklist to Rich.

iv. How is the new training facility in Madison proceeding?

A representative of the Madison Joint Apprenticeship Committee reviewed that the Madison training center opened in August 2017 and is currently in its second semester of related instruction. Providing welding training is going well, but the facility still needs additional equipment for other training. The local union projects the training center will be fully stocked and operational by the end of 2018.

v. Can members of local committees attend meeting virtually?

Owen reviewed that the local committee had forwarded this topic to the state committee for discussion.

Josh confirmed that local committees members can attend open and closed sessions of the meetings virtually. He stated this was confirmed by the DWD Office of General Counsel. The onus is on the local committee to ensure information in closed session is not disclosed to non-members and doesn't leave the meeting. If the local committee abides by these regulations and is legally challenged, the local committee would be defended and supported by the Bureau. If the local committee fails to abide by the regulations and is challenged legally, the local committee would not be supported by the Bureau in court.

Josh reiterated that the Bureau's preference is that all local committee meetings are held face-to-face and involve the majority of members. Members who cannot attend a meeting are welcome to attend virtually, but it should not become the norm.

A training coordinator clarified that the members who want to attend virtually are either in transit or intended to attend in person but can't due to other obligations.

A consultant asked whether apprentices could attend the meeting virtually. No, Josh replied; only committee members can attend virtually.

vi. Is funding available through the WAGE\$ grant?

Owen reviewed that the state committee had asked the Bureau to discuss this topic at the fall meeting. Josh explained that the WAGE\$ funds are allocated to the workforce development boards, which allocate them to local training providers, based on need and demand. He stated no money is available directly to the trades.

A consultant asked why the grant funding is funneled through the workforce development boards. Josh replied that the boards are common intermediaries for federal and state grants because they network employers and career seekers. In addition, trades did not express interest in the opportunity prior to the grant application.

The consultant asked why Employ Milwaukee received WAGE\$ funds and not WRTP Big Step. Josh clarified that Employ Milwaukee is a workforce development board; WRTP/BIG Step is a community-based organization.

b. Revisions to CFR 29.30 (AA/EEO requirements)

Josh reported that the Bureau has yet to receive further guidance from the U.S. Department of Labor. Therefore, the Bureau's message to state committees and sponsors continues to be, "stay tuned." To prepare for the revisions, the Bureau recently trained all apprenticeship training representatives (ATRs) in affirmative action / equal employment opportunity matters, such as CFR 29.29 and how to conduct compliance reviews. The ATRs had various levels of experience with the subject and registered apprenticeship, so the training provided a strong baseline across the staff. The Bureau expects to receive the guidance before the committee's fall meeting.

Attendees did not have questions or comments.

c. WI 2017 Act 148

Josh reported that this law set the apprentice-to-journey worker ratio at 1:1 for all apprenticeship programs and removed the Bureau's ability to modify the ratio. Although the law applies to the Ironworker registered apprenticeship, the program will not be affected because it had already chosen a 1:1 ratio. Also, the law does not supersede ratios in collective bargaining agreements.

Attendees did not have questions or comments.

d. Federal grants to expand "registered" apprenticeship

Josh reported that the Bureau has almost begun the third year of the five-year WAGE\$ grant. Through the grant, the Bureau has been expanding registered apprenticeship into advanced manufacturing, health care, and information technology occupations. It's additional focus is expanding the recruitment and retainment of women and minority apprentices.

Expanding recruitment and retainment of women and minority apprentices is also the focus of the state expansion grant, for which the Bureau recently received an \$1.5 million extension. The expansion grant will focus on recruitment and retainment on large construction projects in Madison and Milwaukee.

The Bureau's used its third grant, the state accelerator grant, to increase its capacity for administering programs, primarily by upgrading its information management system with BASERS.

e. Federal executive order to expand "apprenticeship"

Josh reviewed that the executive order will create an additional method for industries to create apprenticeships: "industry-recognized" apprenticeships, which will feature less government oversight and regulations for sponsorship.

He reported that the federal task force charged with recommending the overall implementation of the order submitted its final report to the executive office. The report is included in the state committee's meeting material. In accordance with its bylaws, the task force will disband within 30 days. It is unknown when the President's office will review the recommendations and make its final decisions.

Josh noted that industry-recognized apprenticeships will be piloted in industries new to apprenticeship, not in sectors that use registered apprenticeship. The Bureau does not have further details at this time and is awaiting guidance from the Department of Labor.

The state committee asked what "industry-recognized" means. Josh replied that it means very little regulation and requirements for sponsors and very little government oversight. The committee asked whether the related definitions and policies were in progress. Josh confirmed that the policies have not been developed.

f. Bureau of Apprenticeship Standards Electronic Registration System (BASERS)

Josh reported that the Bureau has implemented the Bureau of Apprenticeship Standards Electronic Registration System (BASERS), an online application that allows sponsors to conduct application and contract actions entirely online. Many sponsors have already adopted it. It is not mandatory; it is optional. The Bureau believes sponsors will see its value and efficiency.

The training coordinators commented that they recently completed their BASERS training. They thought the application worked smoothly and is very efficient. They noted that it had minor hiccups, but no major problems. The training coordinators noted that BASERS is very helpful on prevailing wage jobs because the local committee can quickly access, download, and print copies of apprentices' contracts.

g. Apprenticeship LEADERS Initiative

Josh reviewed that the LEADERS initiative launched during the 2017 National Apprenticeship Week. It recently made its first recommendation to the Bureau: an interactive web-based map of stakeholders. The map would have multiple layers that correspond to categories of stakeholders, e.g. LEADERS members, technical colleges, workforce development boards, etc. The user would select a layer; stakeholders, their locations would appear across the map; and the user would click on a stakeholder's icon for contact information. Josh noted stakeholders can still apply to LEADERS.

Attendees did not have questions or comments.

h. Apprenticeship Completion Award Program

Owen reported that the program was renewed last fall for an additional two years, as part of the Governor's biennial budget. Apprentices that became eligible between the conclusion of the first iteration and the renewal will be grandfathered in. The program will conclude on June 30, 2020.

Attendees did not have questions or comments.

i. Other

Attendees did not have additional topics.

5. New Business

a. National Association of State & Territorial Apprenticeship Directors (NASTAD) Conference

Josh reported that the National Association of State & Territorial Apprenticeship Directors will hold its annual summer conference in Milwaukee from July 29 – August 3. The attendees will be joined by regional directors of the U.S. Department of Labor for a portion of the conference. NASTAD, not BAS, is seeking sponsorship opportunities for the event.

Attendees did not have questions or comments.

d. Registered apprenticeship on JobCenterOfWisconsin.com

Josh reported that registered apprenticeship sponsors can now post apprenticeship opportunities on JobCenterOfWisconsin.com for free, and the posting will be denoted with the Wisconsin Apprenticeship "A" logo. These features are the product of efforts between JCW and Bureau staff to promote registered apprenticeship opportunities to employers and career seekers alike. The two staffs are also improving the search function to yield only official apprenticeship opportunities and exclude informal or unofficial opportunities that use the word "apprenticeship."

Attendees did not have questions or comments.

e. Registered apprenticeship in correctional facilities

Josh informed attendees that the Bureau is researching strategic partnerships and outreach activities to create greater opportunities in and with correctional facilities. The effort resulted from a recent visit to correctional facilities in Ohio, which have a vast number of registered apprenticeship programs and participants: Ohio has 2,500 registered apprentices within correctional facilities; Wisconsin has 52. The trip influenced the Bureau to view Wisconsin's correctional facilities as an untapped talent pool, especially because labor trends indicate employers should consider unconventional talent pools.

Josh noted that the Bureau will initially research work-release programs at minimum security facilities and then explore blended models that combine training in the facility with training upon release.

f. Learning exchanges with Japan and Mississippi

Owen reported that the Bureau hosted separate learning exchanges with delegations from a prefecture (state) government in Japan and the registered apprenticeship program in Mississippi.

Both delegations were exploring solutions to the skills gap and were impressed with employer involvement in and the flexibility of Wisconsin's program.

Attendees did not have questions or comments.

g. BAS website revisions

Owen reported that the Bureau is developing a revised version of its homepage. The revisions were prompted by input from Job Center of Wisconsin staff that the page was difficult for career seekers to navigate. The Bureau agreed because the page was designed to serve the Bureau's primary customers, sponsors. The revised homepage will feature boxes based on user group; two buttons per box that link to the top functions performed by each user group; and a drop-down menu for quickly accessing webpages to specific apprenticeable occupations.

The state committee suggested that the Bureau make all webpages "easy and appealing" using arrows and videos. Josh encouraged the committee to email videos to the Bureau for consideration.

h. BAS personnel changes

Josh reported the following changes: Hafeezah Ahmad, apprenticeship training representative (ATR) for Milwaukee, retired; Vincent Rice, policy analyst in Madison, accepted an external position; and the Bureau will receive three new ATR positions from the state legislature. The new ATRs for Milwaukee are Nick Abbott and Steve Vander Heyden. The new policy analyst in Madison is Matthew White. The new ATR positions will focus on manufacturing and will be in Appleton, Milwaukee, and Wausau.

Attendees did not have questions or comments.

i. Other

Nancy Nakkoul informed the state committee that the Accuplacer will be phased out completely by the end of 2018 and an updated version, Accuplacer Next Gen, will be implemented this year and the only version available effective January 1, 2019. The change is driven by the requirement to re-validate the test and scoring matrices every so many years.

Owen replied that the Bureau is aware of the matter and will issue guidance and a crosswalk of scores between the Accuplacer and Next Gen by the end of 2018.

6. WTCS Update

Nancy Nakkoul discussed the items on the written update. She emphasized the latest "WTCS Apprenticeship Completer Report," which features a new design due to employer demand. According to the report, 19 ironworker apprentices completed their apprenticeship during the reporting period; seven responded to the survey; 100% of them were employed full-time; and their average wage was \$35 per hour, or \$75,000 annually.

Attendees thanked Nancy for the report and complimented its design.

7. Review the program participants.

Participants included 280 apprentices and 62 employers with a contract in active or unassigned status on April 2, 2018. Nearly 15% of apprentices are minorities and five percent are female.

8. The committee tentatively scheduled its next meeting for Friday, October 27, at 10:00 a.m., at the Madison training center.

9. The committee adjourned at 11:25 a.m.

10. Follow-up Items

The Bureau will recruit an Employer representative.

Labor will ask the ACEA to nominate an additional Employer representative from the southeast.

*Submitted by Owen Smith,
Bureau of Apprenticeship Standards*

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Employment and Training Division
Bureau of Apprenticeship Standards
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Scott Walker, Governor
Ray Allen, Secretary
Chytania Brown, Division Administrator

April 13, 2018

TO: State Iron Worker Apprenticeship Advisory Committee Members & Consultants

FROM: Owen Smith, Bureau of Apprenticeship Standards
(608) 266-2491; Owen.Smith@dwd.wisconsin.gov

SUBJECT: **State Iron Worker Apprenticeship Advisory Committee Meeting**

DATE: **Friday, April 27, 2018**

TIME: 10:00 AM

PLACE: Local 383 Training Center
5501 Manufacturers Dr.
Madison, WI 53704

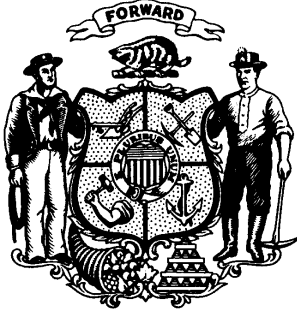
TENTATIVE AGENDA

1. Call the meeting to order.
2. Introduce attendees.
3. Review the roster.
4. **Old Business**
 - a. Review the follow-up items from the previous meeting:
 - i. **Action:** approve the minutes.
 - ii. How is accepting ACT scores proceeding?
 - iii. How is the new training center proceeding?
 - iv. Can local committee members attend closed sessions remotely?
 - v. Is grant funding available to assist with outreach activities?
 - b. Update on implementing revisions to CFR 29.30 (AA/EEO requirements)
 - c. Update on WI 2017 WI Act 148 (apprentice-to-journeyworker ratio)
 - d. Update on federal grants to expand "registered apprenticeship"
 - e. Update on Presidential executive order to expand "apprenticeship"
 - f. Update on Bureau of Apprenticeship Standards Electronic Registration System (BASERS)
 - g. Update on Apprenticeship LEADERS initiative
 - h. Other

5. New Business

- a. BAS visited by representatives of Japan and Mississippi
 - b. BAS personnel changes
 - c. BAS website changes
 - d. Other
6. WTCS Update
 7. Review the program participants.
 8. Schedule the next meeting.
 9. Adjourn.

State of Wisconsin



2017 Assembly Bill 508

Date of enactment: **March 28, 2018**

Date of publication*: **March 29, 2018**

2017 WISCONSIN ACT 148

AN ACT *to repeal* 106.02 and 106.025 (4); *to amend* 106.01 (1), 106.01 (9), 106.01 (11) (intro.), 106.025 (1) and 106.025 (2); and *to create* 106.015 of the statutes; **relating to:** apprentice-to-journeyworker ratios in apprenticeships and the minimum duration of carpentry and plumbing apprenticeships.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

SECTION 1. 106.01 (1) of the statutes is amended to read:

106.01 (1) FORMATION OF APPRENTICE CONTRACT. Any person 16 years of age or over may enter into an apprentice contract binding himself or herself to serve as an apprentice as provided in this section. ~~Except as provided in ss. 106.02 and 106.025, the~~ The term of service of an apprenticeship shall be for not less than one year. Every apprentice contract shall be in writing and shall be signed by the apprentice, the department, and the sponsor or an apprenticeship committee acting as the agent of the sponsor. If the apprentice has not reached 18 years of age, the apprentice contract shall also be signed by one of the apprentice's parents or, if both parents are deceased or legally incapable of giving consent, by the guardian of the apprentice or, if there is no guardian, by a deputy of the department. The department shall specify the provisions that are required to be included in an apprentice contract by rule promulgated under sub. (11).

SECTION 2. 106.01 (9) of the statutes is amended to read:

106.01 (9) AUTHORITY OF DEPARTMENT. The department, subject to s. 106.015, may investigate, fix reasonable classifications, issue rules and general or special

orders, and hold hearings, make findings, and render orders upon its findings as necessary to carry out the intent and purposes of this section. The investigations, classifications, hearings, findings, and orders shall be made as provided in s. 103.005. Except as provided in sub. (8), the penalties specified in s. 103.005 (12) apply to violations of this section. Orders issued under this subsection are subject to review under ch. 227.

SECTION 3. 106.01 (11) (intro.) of the statutes is amended to read:

106.01 (11) RULES. (intro.) The department, subject to s. 106.015, shall promulgate rules to implement this section, including rules providing for all of the following:

SECTION 4. 106.015 of the statutes is created to read:

106.015 Apprentice-to-journeyworker ratios.

(1) Except as provided in sub. (2), the department may not prescribe, enforce, or authorize, whether through the promulgation of a rule, the issuance of a general or special order, the approval of an apprenticeship program or apprentice contract, or otherwise, a ratio of apprentices to journeyworkers for apprenticeship programs or apprentice contracts that requires more than one journeyworker for each apprentice.

(2) The prohibition under sub. (1) does not apply with respect to apprentices whose employment is governed by a collective bargaining agreement.

* Section 991.11, WISCONSIN STATUTES: Effective date of acts. "Every act and every portion of an act enacted by the legislature over the governor's partial veto which does not expressly prescribe the time when it takes effect shall take effect on the day after its date of publication."

2017 Wisconsin Act 148

– 2 –

2017 Assembly Bill 508

SECTION 5. 106.02 of the statutes is repealed.

SECTION 6. 106.025 (1) of the statutes is amended to read:

106.025 (1) The department may prescribe the conditions under which a person may serve a plumbing apprenticeship, as to preliminary and technical college attendance requirements, level of supervision of an apprentice, the character of plumbing work in accordance with ch. 145, and the credit for school attendance in serving the apprenticeship.

SECTION 7. 106.025 (2) of the statutes is amended to read:

106.025 (2) Every person commencing a plumbing apprenticeship shall enter into an apprentice contract under s. 106.01. ~~The term of a plumbing apprentice is 5 years, but the department may upon application of the apprentice, the apprentice's employer, or both, extend the term for up to one additional year.~~

SECTION 8. 106.025 (4) of the statutes is repealed.



WAGE\$ Grant Metrics Update

(as of Dec. 31, 2017)

Presented to various state committees
Spring 2018 meetings

Background

Wisconsin Apprenticeship Growth and Expansion Strategies (WAGE\$) is part of the American Apprenticeship Initiative - a competitively awarded federally funded 5-year grant being implemented between October 1, 2015 through September 30, 2020. WAGE\$ will accelerate the introduction of Registered Apprenticeship into Advanced Manufacturing, IT, and Healthcare statewide. The overarching goal is to sign on at least 1,000 apprentices into the WAGE\$ occupations by the end of the grant. Grant partners include the Wisconsin Technical College System and the eleven workforce development boards (WDBs.) Each WDB supervises at least one apprenticeship liaison who coordinates local activities and works with ATRs to conduct business outreach.

WAGE\$ trades/occupations

1. **Advanced Manufacturing** (all Adv Mfg trades are completed = no additional occupations being developed for WAGE\$)
 - Industrial Manufacturing Technician (existing before WAGE\$)
 - Maintenance Technician (existing before WAGE\$)
 - Welder – Fabricator (existing before WAGE\$)
 - Welder – Automated Welding (existing before WAGE\$)
 - Mechatronics Technician (newly created under WAGE\$)
2. **Information Technology (IT)**
 - Software Developer (newly created under WAGE\$, completed, NCWWDB/Midstate begins fall 2018)
 - IT Service Desk Technician (launch planned August 2018 contingent upon approval by WTCS Board; Waukesha Technical College is lead college. Program will become available statewide through interested technical colleges)
 - Data Analyst (launch planned August 2018 contingent upon approval by WTCS Board; Waukesha Technical College is lead college. Program will become available statewide through interested technical colleges)
 - Data Analyst (development in progress; expected completion late 2018; lead undetermined)
 - IT #4 = TBD
 - IT #5 = TBD
3. **Health Care**
 - Community Health Worker (was developed by Dept of Health Services; considered newly created; no participation to date)
 - Pharmacy Technician (development in progress; expected completion late 2018; lead undetermined)
 - Medical Assistant (development in progress; expected completion fall 2018; UW-Health is leading development and will conduct the training which will be open to SSM and Unity apprentices; the program will become available statewide through interested technical colleges)



The following table shows the status of the main grant deliverables. Statistics are usually calculated quarterly and after allowing time for parties to input their information. The statistics below were reported for the period ending December 2017. It is expected that rate of increase in programs and sponsors will increase as more programs are developed and offered. As of December 31, 2017, only the five Advanced Manufacturing programs were active with Mechatronics having just started getting apprentices signed.

As of Dec. 31, 2017:

**Proposed through 9/30/18 and
Actual as of 12/31/17**

Capacity Building & Employer Metrics	To Date (end of reporting Q)		Total proposed to end of grant
	Proposed to end of Year 3*	Actual to 12/31/17**	
Total # of Employers to Benefit from the Grant Program	130	71	383
Total # of Promotional/ Outreach Activities to Employers	1,975	1,681	3,000
Total # of Newly Registered American Apprenticeship Programs (new trades developed with grant funds)	49	3**	100
Total # of Existing Registered Apprenticeship Programs to be Expanded (existing trades when the grant began but the trade having new apprentices in the grant performance period)	59	83	90
Employment & Training Metrics			
Total # of Participants to Receive Services Under this Grant (e.g includes participants served in pre-apprenticeship, apprenticeship, and by other grant activities)	2500	33,834	10,000
Total # of New Apprentices Registered	145	184***	1,000

* Year 3 ends 9/30/18

** As of 4/5/18, there are 13 sponsors for Mechatronics Technician and 33 Mechatronics Technician apprentices with signed contracts. Although Software Developer was completed, no apprentices had signed contracts yet due to the program not being fully implemented yet.

*** As of 4/5/18, there have been 259 contracts signed under the WAGE\$ grant. This number is not corrected for transferred contracts (WAGE\$ trade to WAGE\$ trade or sponsor) of which there are approximately 5.

All ACAP Reimbursement Requests Processed (Time Period) - Summary

Apprenticeship Completion Award Program (ACAP)

Bureau of Apprenticeship Standards

Division of Employment and Training

4/6/18 08:07 AM

Filters Applied: Determination Date between 9/4/17 and 4/6/18, Fiscal Year(s)= FY18

Type	Fiscal Year	# of RRs	\$Approved	\$Denied
Year One	18		\$64,842.15	\$352,010.20
Year One Totals		329	\$64,842.15	\$352,010.20
Completion	18		\$94,041.26	\$487,402.45
Completion Totals		159	\$94,041.26	\$487,402.45
Report Totals		488	\$158,883.41	\$839,412.65



WTCS System-Wide Activity Update for Spring 2018

- WTCS Apprenticeship Completion Report:** The WTCS published the new Apprenticeship Completion Report in February 2018 with data from completers from 2015-16.
<http://www.wtcsystem.edu/wtcsexternal/cmspages/getdocumentfile.aspx?nodeguid=b3153b83-19ff-41d4-8527-39fe0e9c845c>
 - Of 908 apprentice completers surveyed, 331 responded for a 36% response rate.
 - 98% indicated they were employed in the trade for which they received training, up 3% from the prior report.
 - Annual median earnings of \$71,624 was reported across all sectors, a 6% increase from the prior year's report.
 - 97% indicated that they were very satisfied or satisfied with their paid-related instruction. For On-The-Job Training, 95% reported they were very satisfied or satisfied.
 - 43% are considering continuing their formal education, up significantly from 34% from the prior year's survey (i.e., Technical Studies Journey Worker AAS, associate degree, bachelor's degree)
- WTCS Apprenticeship Enrollment Trend:** WTCS enrollments across all apprenticeship programs increased from 6128 to 6527 unduplicated, and 6633 to 7123 duplicated, students by the end of June 2017. That is a 6.5% and 7.4% increase, respectively, in one year. A current mid-year snapshot for 2017-18 is showing 6199 and 6634 enrollees. Confirmed actual enrollment for the 2017-18 academic year will not be available until August 2018.
- Great Lakes Tools of the Trade/WTCS Apprenticeship Scholarships:** In a surprise announcement in December 2017, the Great Lakes Higher Education Foundation Board decided to increase the apprenticeship scholarship amount to \$1500 per individual, and they are once again awarded 200 scholarships for industrial and construction sector apprentices in February 2018.
- System-Wide Curriculum:** Collaborative work between all stakeholders continues for the following new or substantively revised system-wide apprenticeship curriculum during the 2017-18 Academic year.

NEW	Organic Vegetable Farm Manager	Auto Body Collision and Repair	IT-Data Analyst	IT-Service Desk	Pharmacy Technician	Financial Services Rep.
Revisions & Crosswalks	Electrical & Instrumentation	Plumbing Below the Line Courses	Crosswalk of Mechatronics to Electromechanical and Automated Systems	Crosswalk between Machinist Technical Diploma and Apprenticeship	ABC Electrical	

State Committee Report - Construction

State Ironworking Advisory Committee

This summary counts employers and apprentices with contract(s) active or unassigned on 4/2/2018 in trade(s) associated with this committee.

Sponsor Name Trade	Apprentices									Employers				
	Total	Minority		Female		Union		Non- Union		Total	W/Union Appr		W/Non-Union Appr	
		#	%	#	%	#	%	#	%		#	%	#	%
1	2	3	3a	4	4a	5	5a	6	6a	7	8	8a	9	9a
All Sponsors Total	280	41	14.6	14	5.0	280	100.0			62	62	100.0		
Madison Area Ironworking JAC	106	8	7.5	5	4.7	106	100.0			24	24	100.0		
Iron Worker (180138101401)	106	8	7.5	5	4.7	106	100.0			24	24	100.0		
Milwaukee Area Ironworking JAC	174	33	19.0	9	5.2	174	100.0			47	47	100.0		
Iron Worker (180138101401)	174	33	19.0	9	5.2	174	100.0			47	47	100.0		

Wisconsin Bureau Of Apprenticeship Standards
State Ironworking Advisory Committee
Historical Report by Year
Report Period: 2018* and Previous 10 Years



*Current year is YTD data as of Run Date: 04/02/2018		
Run Date: 04/02/2018		
State Ironworking Advisory Committee		
Sponsored Trade Group(s): Construction		
Year	Active Apprentices	Active Employers
2008	297	72
2009	194	58
2010	143	48
2011	129	44
2012	140	44
2013	140	40
2014	222	54
2015	297	55
2016	357	63
2017	342	65
2018	296	62

