

March 13, 2020

TO: State Plumbing Apprenticeship Advisory Committee Members and Consultants

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

SUBJECT: **State Plumbing Apprenticeship Advisory Committee meeting**

DATE: **Thursday, March 19, 2020**

TIME: **10:00 AM**

PLACE: **The meeting will be held as a webinar only.**  
Meeting link: [Click here](#)  
Meeting number: 924 472 852  
Password: M7Zmj257Hmx  
Join by phone 1-855-282-6330 US TOLL FREE  
Phone access code: 924 472 852

#### **TENTATIVE AGENDA**

1. Call the meeting to order.
2. Distribute the sign-in sheet. Introduce attendees.
3. Review the roster.

#### **4. Old Business**

- a. Review the follow-up items from previous meeting.
  - i. **For action:** approve the minutes.
  - ii. Assessing applicants with Accuplacer Next Generation
- b. Implementing revisions to CFR 29.30
- c. Industry-Recognized Apprenticeship Programs
- d. Federal grants to expand registered apprenticeship
- e. Revisions to [www.WisconsinApprenticeship.org](http://www.WisconsinApprenticeship.org)
- f. Apprenticeship Completion Award Program (ACAP)
- g. Other

#### **5. New Business**

- a. Lessons learned from DWD tour of Germany Apprenticeship Program
- b. 2021 Biennial Apprenticeship Conference
- c. 2020 National Apprenticeship Week
- d. Revising Transition to Trainer
- e. BAS leadership and personnel changes
- f. Other

6. WTCS Update
7. Review the program participants.
8. Schedule the next meeting.
9. Adjourn.

## WAGE\$ Apprentices and Sponsors by Occupation Spring 2020 Committee Update

The Wisconsin Apprenticeship Growth and Expansion Strategies (WAGE\$) grant is a 5-year, \$5 million grant from the US Department of Labor. The purpose is to expand Registered Apprenticeship in Advanced Manufacturing and develop new programs in Information Technology and Health Care. The grant started October 1, 2015, and will conclude September 30, 2020.

- The overarching goal is 1,000 apprentices in the occupations selected for grant support.
- The table below shows the number of apprentices and sponsors in each occupation.
- Community Health Worker and Cybersecurity Specialist are in development.
- Pharmacy Technician was recently completed.
- Data Analyst has four apprentices that are being counted by Employ Milwaukee, Inc.'s sister grant. There is one Data Analyst sponsor.

<b>WAGE\$ Apprentices by Occupation</b> <b>Cumulative 10/01/2015 - 03/08/2020</b> <small>This report includes apprentice contract records which, during the selected report period, match the following criteria: CONTRACT DISTRICT= ALL, CONTRACT SECTOR= ALL, CONTRACT TRADE=Industrial Manufacturing Technician;Maintenance Technician;Mechatronics Technician;Welder - Fabricator;Welder / Automated Welding;Software Developer;Pharmacy Technician, Retail Store;Medical Assistant;IT Service Desk Technician;Data Analyst;Broadband Service Technician;Cybersecurity Analyst, CONTRACT TYPE(s)=Apprentice, APPR SEX= ALL, APPR MINORITY= ALL, APPR RACE(s)= ALL, ER WDA= ALL, ER COUNTY= ALL, ER NAME= ALL, ER UI= ALL, INMATE= ALL, SCHOOL NAME= ALL, SPONSOR TYPE(s)= ALL, SPONSOR NAME(s)= ALL, TRANSFER TO= ALL, TRANSFER FROM= ALL</small>				
Occupation Name	Count Sponsors	Count App	Female	Minority
<b>Report Total:</b>	<b>Total 205 sponsors</b>	<b>633</b>	<b>63 (10%)</b>	<b>99 (16%)</b>
<b>Industrial Manufacturing Technician</b>	<b>12 sponsors</b>	135	19 (14%)	37 (27%)
<b>Maintenance Technician</b>	<b>131 sponsors</b>	329	4 (1%)	30 (9%)
<b>Mechatronics Technician</b>	<b>37 sponsors</b>	90	2 (2%)	6 (6%)
<b>Welder / Automated Welding and Welder - Fabricator</b>	<b>15 sponsors</b>	34	1 (3%)	4 (12%)
<b>Broadband Service Technician</b>	<b>1 sponsor</b>	1	0 (0%)	0 (0%)
<b>Data Analyst</b> (4 apprentices but all are counted by Employ Milwaukee)	<b>1 sponsor</b>	0		
<b>IT Service Desk Technician</b>	<b>4 sponsors</b>	4	1 (25%)	1 (25%)
<b>Software Developer</b>	<b>3 sponsors*</b>	2	2 (100%)	0 (0%)
<b>Medical Assistant</b>	<b>1 sponsor</b>	38	34 (89%)	21 (55%)
*Number of sponsors is greater than the number of apprentices because one apprentice left one job and started with a different sponsor				



# All ACAP Reimbursement Requests Processed (Time Period) - Summary

Apprenticeship Completion Award Program (ACAP)

Bureau of Apprenticeship Standards

Division of Employment and Training

3/5/20 10:27 AM

Filters Applied: Determination Date between 7/1/19 and 3/5/20, Fiscal Year(s)= FY20

Type	Fiscal Year	# of RRs	\$Approved	\$Denied
Year One	20		\$127,224.23	\$616,354.68
<b>Year One Totals</b>		<b>618</b>	<b>\$127,224.23</b>	<b>\$616,354.68</b>
Completion	20		\$164,478.91	\$1,026,716.02
<b>Completion Totals</b>		<b>376</b>	<b>\$164,478.91</b>	<b>\$1,026,716.02</b>
<b>Report Totals</b>		<b>994</b>	<b>\$291,703.14</b>	<b>\$1,643,070.70</b>





## **WTCS System-Wide Activity Update March 2020**

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### **WTCS-BAS 20 Apprenticeship Completion Report**

The 2020 WTCS-BAS Apprenticeship Completer Report is now available online. The report contains employment, wage and training satisfaction outcomes for apprentices completing their programs in 2016-17. It can be found here: [2020 WTCS-BAS Apprentice Completer Report](#)

- Of the 1,143 completers surveyed, 488 (43%) responded. (In the prior year report, 847 completers were surveyed and response rate was 39%.)
- Respondents reported a 92% satisfaction rate for on-the-job training and 96% for classroom instruction.
- Median salary across all trades increased to \$80,344. This is up from \$77,753 and \$71,624 in the two prior reporting years.
- Respondents indicating an interest in continuing education beyond apprenticeship remained steady at 44%.

### **WTCS Apprenticeship Enrollment Trend**

WTCS enrollments across all apprenticeship programs increased from 6903 to 7588 unduplicated, and 7450 to 7696 duplicated, students by the end of 2018-2019 academic year. That is a 9.9% and 3.3% increase, respectively, in one year. A current mid-year snapshot for 2019-20 is showing 7524 enrolled apprentices. Confirmed actual enrollment for the 2019-20 academic year will not be available until August 2020.

### **Active WTCS-BAS Apprenticeship Programs, By Sector, Occupation, and College as of January 2019**

The master chart of all apprenticeship programs with related instruction offered through the WTCS colleges can be found here via the following link. "Active" is defined as approved programs with enrollments in the past two years. The color-coded chart can be found on the MyWTCS website here: [WTCS Active Apprenticeship Programs March 2020 \(Color Chart\)](#)





# Apprentice Related Instruction



## Active WTCS/BAS Programs by Sector and Occupation - February 2020

	BLACKHAWK	CHIPPEWA VALLEY	FOX VALLEY	GATEWAY	LAKESHORE	MADISON AREA	MID-STATE	MILWAUKEE AREA	MORAINES PARK	NICOLET AREA	NORTH CENTRAL	NORTHEAST WI	SOUTHWEST WI	WAUKESHA	WESTERN	WI INDIANHEAD
<b>Construction Sector Apprentice Related Instruction</b>																
Bricklaying/Masonry																
Carpentry																
Concrete Finishing/Cement Mason																
Drywall Finisher																
Electrical																
Electronic Systems Tech/Voice-Data-Video																
Glazing																
HVAC/Environmental Service																
Ironworking																
Operating Engineer/Heavy Equipment																
Painting & Decorating																
Plumbing																
Roofing																
Sheet Metal																
Sprinkler Fitting																
Steamfitting Construction																
Steamfitting Service/Refrigeration																
<b>Industrial Sector Apprentice Related Instruction</b>																
Electrical & Instrumentation/Instrumentation Tech																
Industrial Electrician																
Industrial Manufacturing Technician																
Injection Mold Set-Up (Plastic)																
Machinist																
Maint Mech/Millwright/Lube Tech/Machine Repair																
Maintenance Technician																
Mechatronics																
Metal Fabricator/Industrial Sheetmetal																
Pipe Fabricator/Welder																
Pipefitter																
Resilient Floor																
Tool & Die/Patternmaker/Moldmaker																

# Apprentice Related Instruction



## Active WTCS/BAS Programs by Sector and Occupation - February 2020

	BLACKHAWK	CHIPPEWA VALLEY	FOX VALLEY	GATEWAY	LAKESHORE	MADISON AREA	MID-STATE	MILWAUKEE AREA	MORAINES PARK	NICOLET AREA	NORTH CENTRAL	NORTHEAST WI	SOUTHWEST WI	WAUKESHA	WESTERN	WI INDIANHEAD
Service Sector Apprentice Related Instruction																
Arborist																
Barber/Cosmetologist																
Broadband Service Technician																
Cook/Chef																
Electrical Line Worker																
Facilities Maintenance Technician																
IT-Data Analyst																
IT-Service Desk Technician																
IT-Software Developer																
Metering Technician																
Substation Electrician																
Wastewater Treatment Operator																

## State Committee Report - Construction

### State Plumbing Committee

This summary counts employers and apprentices with contract(s) active or unassigned on 3/13/2020 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	1326	77	5.8	11	0.8	448	33.8	878	66.2	536	109	20.3	441	82.3
ABC of Wisconsin (All)	440	23	5.2	3	0.7			440	100.0	167			167	100.0
Plumber (0186238103001)	440	23	5.2	3	0.7			440	100.0	167			167	100.0
Appleton Area Plumbing JAC	83	1	1.2	0	0.0	20	24.1	63	75.9	37	7	18.9	30	81.1
Plumber (0186238103001)	83	1	1.2	0	0.0	20	24.1	63	75.9	37	7	18.9	30	81.1
Central WI Area Plumbing JAC	26	1	3.8	0	0.0	9	34.6	17	65.4	18	7	38.9	12	66.7
Plumber (0186238103001)	26	1	3.8	0	0.0	9	34.6	17	65.4	18	7	38.9	12	66.7
Eau Claire Area Plumbing JAC	70	1	1.4	0	0.0	23	32.9	47	67.1	39	12	30.8	31	79.5
Plumber (0186238103001)	70	1	1.4	0	0.0	23	32.9	47	67.1	39	12	30.8	31	79.5
Fond du Lac Area Plumbing JAC	22	0		0	0.0	14	63.6	8	36.4	9	3	33.3	6	66.7
Plumber (0186238103001)	22	0		0	0.0	14	63.6	8	36.4	9	3	33.3	6	66.7
Kenosha-Racine-Walworth Plumbing JAC	61	6	9.8	0	0.0	54	88.5	7	11.5	26	20	76.9	7	26.9
Plumber (0186238103001)	61	6	9.8	0	0.0	54	88.5	7	11.5	26	20	76.9	7	26.9
La Crosse Area Plumbing JAC	76	1	1.3	0	0.0	25	32.9	51	67.1	39	11	28.2	30	76.9
Plumber (0186238103001)	76	1	1.3	0	0.0	25	32.9	51	67.1	39	11	28.2	30	76.9
Lake To Lake Area Plumbing JAC	26	0		0	0.0	7	26.9	19	73.1	13	2	15.4	11	84.6
Plumber (0186238103001)	26	0		0	0.0	7	26.9	19	73.1	13	2	15.4	11	84.6
Madison Area Plumbing JAC	127	9	7.1	6	4.7	76	59.8	51	40.2	40	9	22.5	33	82.5
Plumber (0186238103001)	127	9	7.1	6	4.7	76	59.8	51	40.2	40	9	22.5	33	82.5
Marshfield Area Plumbing JAC	13	0		0	0.0			13	100.0	9			9	100.0
Plumber (0186238103001)	13	0		0	0.0			13	100.0	9			9	100.0
Milwaukee Area Plumbing JAC	180	29	16.1	2	1.1	180	100.0			41	41	100.0		
Plumber (0186238103001)	180	29	16.1	2	1.1	180	100.0			41	41	100.0		
Northeast WI Area Plumbing JAC	69	1	1.4	0	0.0	22	31.9	47	68.1	31	6	19.4	26	83.9
Plumber (0186238103001)	69	1	1.4	0	0.0	22	31.9	47	68.1	31	6	19.4	26	83.9
Northern WI Plumbing Advisory Committee	22	3	13.6	0	0.0			22	100.0	14			14	100.0
Plumber (0186238103001)	22	3	13.6	0	0.0			22	100.0	14			14	100.0
Rhineland Area Plumbing JAC	23	2	8.7	0	0.0	2	8.7	21	91.3	21	2	9.5	19	90.5
Plumber (0186238103001)	23	2	8.7	0	0.0	2	8.7	21	91.3	21	2	9.5	19	90.5
Southwest WI Area Plumbing Advisory Comm	24	0		0	0.0			24	100.0	19			19	100.0
Plumber (0186238103001)	24	0		0	0.0			24	100.0	19			19	100.0
Wausau Area Plumbing JAC	39	0		0	0.0	11	28.2	28	71.8	25	6	24.0	19	76.0

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1	2	3	3a	4	4a	5	5a	6	6a	7	8	8a	9	9a
All Sponsors Total	1326	77	5.8	11	0.8	448	33.8	878	66.2	536	109	20.3	441	82.3
Plumber (0186238103001)	39	0		0	0.0	11	28.2	28	71.8	25	6	24.0	19	76.0
Western WI Area Plumbing JAC	25	0		0	0.0	5	20.0	20	80.0	14	2	14.3	13	92.9
Plumber (0186238103001)	25	0		0	0.0	5	20.0	20	80.0	14	2	14.3	13	92.9