

May 19, 2022

TO: State E&I Apprenticeship Advisory Committee Members and Consultants
FROM: Owen Smith, Bureau of Apprenticeship Standards; Owen.Smith@dwd.wisconsin.gov

SUBJECT: State Electrical & Instrumentation Apprenticeship Advisory Committee
DATE: Thursday, May 26, 2022
TIME: 10:00 A.M.

OPTIONS: **Attend in person.**
Fox Valley Technical College, Room C-190A
1825 N Bluemound Dr
Appleton, WI 54912

Attend via phone.
608-571-2209; 244 500 366#

[Attend virtually.](#)

TENTATIVE AGENDA

1. Call the meeting to order.
2. Record attendees.
3. Review the roster.
4. **Actions**
 - a. Approve the minutes.
 - b. Review the Maintenance Technician related instruction.
 - c. Review the Maintenance Technician Exhibit A.
 - d. Revise the E&I Technician registered apprenticeship.
5. **Discussions**
 - a. BAS Director's Call with State Committees
 - b. Modified format of state committee meetings
 - c. Review of the *Wisconsin Apprenticeship Manual*
 - d. Review of state standards
 - e. Other

6. Review the program participants.

7. Adjourn

Draft Minutes of the
Electrical & Instrumentation
State Apprenticeship Advisory Committee

November 4, 2021
Webinar

Members Present	Employer / Organization
Butt, Nate (Co-Chair)	Quad Graphics
Cannestra, Anthony (Co-Chair)	GE Healthcare
Cestkowksi, Jim	MPI
Dehnel, Charlie	
Hafeman, Brian	PCA
Laehn, Steve	Sargento Foods, Inc.
Palzill, Craig	
Randall, Bob	Brakebush Brothers
Woehlke, Scott	Mercury Marine
Members Absent	Employer / Organization
Roach, Mike	Trane Co.
Winkler, Mike	John Deere Horicon Works
Zak, Tyler	Kimberly Clark
Consultants & Guests	Employer / Organization
Badger, Richard	Bureau of Apprenticeship Standards
Bishop, Matt	Fox Valley Technical College
Rogers, Milton	Department of Corrections
Martindale, Marc	Northcentral Technical College
Mayek, Mandy	Mid-State Technical College
Metko, Katie	Northcentral Technical College
Nakkoul, Nancy	Wisconsin Technical College System
O'Shasky, Lynn	Bureau of Apprenticeship Standards
Schroepfer, Melinda	Worldwide Instructional Design System
Smith, Owen	Bureau of Apprenticeship Standards
Straub, Steve	Lakeshore Technical College

1. The meeting was called to order at 1:05 p.m. by Tony Cannestra, Committee Co-Chair, in conformance with the Wisconsin Open Meeting Law.
2. Mr. Smith recorded attendees. A quorum was present.
3. The committee advised the Bureau to recruit at least two additional members.

4. Action Items

a. Approve the minutes.

The state committee approved the minutes as written.

b. Review the related instruction.

Action: the state committee approved the instructor's recommendation to re-sequence courses within the Mechatronics related instruction without changing competencies or total hours.

Action: the state committee approved the instructors' recommendation to add 36 hours to the Fluid Power Systems course and remove 36 hours from Bearings, Measurements, and Print Reading, which does not change the total hours.

Action: the state committee approved a motion to table the instructor's recommendation to add PLC 2 and PLC 3 courses to the Maintenance Technician related instruction, which add 72 hours to related instruction. The committee expressed concern that the need might not be statewide.

Action: the state committee approved a motion to review the Maintenance Technician Exhibit A at the next meeting; the program combines two registered apprenticeships that were revised recently.

c. Review the youth apprenticeship curriculum.

BAS Youth apprenticeship staff reviewed the curriculum modernization project, which will sequentially revise the competencies in all youth apprenticeship.

The state committee supported the project. Several attendees volunteered to help review the curriculum.

d. Revise the E&I Technician program.

The Bureau tabled the project until 2022 due to the pandemic and the pending change in leadership.

5. Discussions

a. Letters of support for Racine Youthful Offender Correctional Institutions Mechatronics CPA

Mr. Rogers reviewed the Mechatronics certified pre-apprenticeship offered through the Racine Youthful Offender program. He asked attendees to consider emailing letters of support to him.

Attendees voiced support for the program and pathway and thanked Mr. Rogers.

b. Mandatory registration in BASERS, effective July 1, 2021

Mr. Smith reviewed that, effective July 1, all sponsors are now required to do the following: register in BASERS and register new contracts in BASERS.

Attendees did not have questions or comments.

c. Implementing revisions to CFR 29.30

Mr. Smith reported that Apprenticeship Training Representatives have begun to review local committees' affirmative action plans. The reviews had been delayed due to the pandemic. Local committees can expect to be contacted soon by their ATR.

Attendees did not have questions or comments.

d. Implementing Transition to Trainer and Teaching Transition to Trainer

Mr. Smith and Ms. Nakkoul reviewed that the course was revised in 2020 and instructors certified prior to 2021 must take a three-hour refresher in the revisions by December 31, 2021. The final refresher has been scheduled for November 12, 1-4 p.m., online. The Wisconsin Technical College System and Wisconsin Apprenticeship have coordinated four refreshers this year; the next refresher is the last. Instructors who do not take it must continue to teach the old curriculum.

Attendees did not have questions or comments.

e. Supportive services and OJL reimbursement for registered apprentices

Mr. Smith reviewed that reimbursements are available to sponsors for hiring graduates of qualified certified pre-apprentices and youth apprenticeships and reimbursements are available to qualified apprentices for supportive services. He noted the details and points of contact were communicated to sponsors and apprentices through BASERS and official letters.

Attendees did not have questions or comments.

f. Applicant outreach campaign and revisions to www.WisconsinApprenticeship.org

Mr. Smith reported that the campaign, "Apprenticeship: A Different Kind of Classroom," is underway and encourages women and minorities to pursue registered apprenticeships. The campaign includes social media collateral, billboards, bus wraps, outreach material, and electronic media spots. He played a video from the campaign.

Attendees did not have questions or comments.

g. Apprenticeship Completion Award Program

Mr. Smith reported that the program continues to be an example of strong bipartisan support for registered apprenticeship. It has been renewed multiple times. Reimbursements are granted on a first

come, first served basis while funds last. All funds were dispersed during the last fiscal year, which concluded June 30. The allocation for the current fiscal year was increased by the legislature.

Attendees did not have questions or comments.

h. 2021 National Apprenticeship Week

Mr. Smith reported that Wisconsin will observe National Apprenticeship November 14 -20.

Attendees did not have questions or comments.

i. BAS leadership and personnel changes

Mr. Smith reported that Director Johnson accepted a new position as Assistant Director Of Diversity

and Inclusion with Jobs for the Future, a national nonprofit organization. Director Johnson's last day with Wisconsin Apprenticeship was October 8.

Attendees did not have questions or comments.

j. Other

Representatives of Fox Valley Technical College recommended the state committee develop an additional program for Industrial Electrician that retains the same content but requires prior experience in electrical work. The proposed program would help the college admit applicants with prior electrical experience without assessing credit for prior experience, which the college prefers not to do.

Action: *the Bureau will convene a focus group to discuss the proposal before the next meeting.*

6. WTCS Update

Ms. Nakkoul reviewed the executive summary included in the meeting material.

Attendees did not have questions or comments.

7. The state committee reviewed the participant report and did not have questions or comments.
8. The Bureau will schedule the next meeting via online survey.
9. The meeting adjourned at 3:00 p.m.

Submitted by Owen Smith, Bureau of Apprenticeship Standards



WTCS Related Instruction Review 21-22: Remaining Decisions

50-464-1 MAINTENANCE TECHNICIAN APPRENTICE



FY21-22 Projects

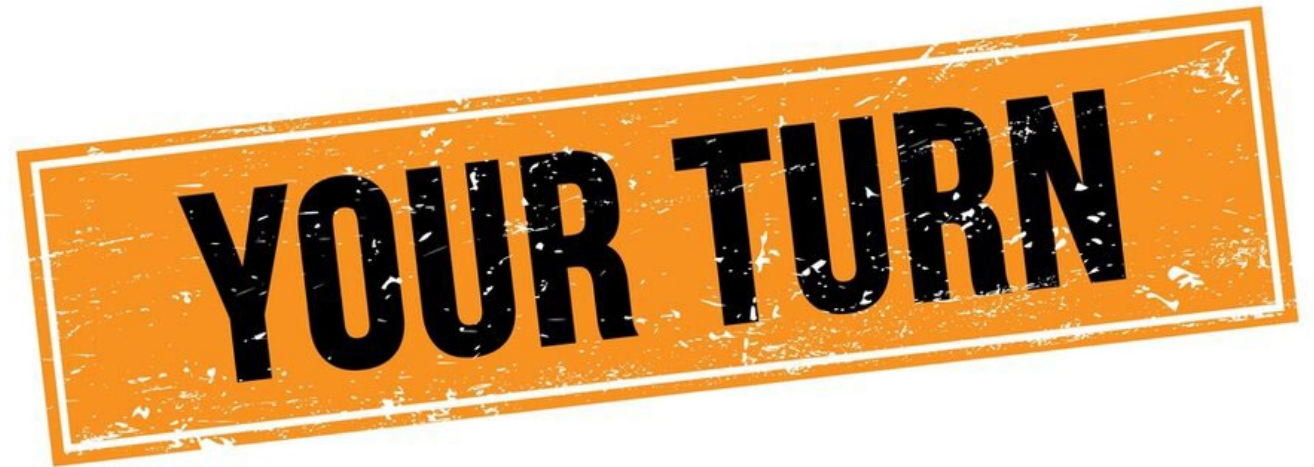
- ▶ 50-620-1 MECHATRONICS TECHNICIAN APPRENTICE
- ▶ 50-413-1 INDUSTRIAL ELECTRICIAN APPRENTICE
- ▶ 50-464-1 MAINTENANCE TECHNICIAN APPRENTICE
- ▶ 50-414-2 ELECTRICAL & INSTRUMENTATION APPRENTICE

Curriculum Review	Summary and Recommendations
<p>50-413-769 Industrial Electrician Programmable Logic Controllers 1</p> <ul style="list-style-type: none"> Maintenance Technician Program 	<p>No changes to the individual course:</p> <p>Recommend adding the PLC 2 and 3 courses to the Maintenance Technician Program:</p> <ul style="list-style-type: none"> 50-413-770 Industrial Electrician Programmable Logic Controllers 2 -adds 36 hours to the program 50-413-771 Industrial Electrician Programmable Logic Controllers 3 -adds 36 hours to the program <p>Total potential hours: 72</p>

Curriculum Review	Summary and Recommendations
<p>50-464-718 - Fluid Power Systems for Maintenance Tech Apprentices</p> <ul style="list-style-type: none"> Maintenance Technician 	<ul style="list-style-type: none"> Recommend adding 1 competency: <ul style="list-style-type: none"> - Control pneumatics and hydraulics electrically Recommend bumping this up from 36 to 72 hour minimum to allow for more hydraulics content. Adds 36 hours to program.
<p>50-464-712 Bearings, Measurement & Print Reading for Maintenance Tech Apprentices</p> <ul style="list-style-type: none"> Maintenance Technician 	<ul style="list-style-type: none"> Recommend consolidating/reducing the number of competencies. Current competencies are redundant. Recommend reducing hours from 72 to 36 because current content can be addressed in 36 hours. Removes 36 hours from program.

Your Turn

- ▶ Questions?
- ▶ Concerns?

A large, orange, rectangular stamp with a distressed, grunge texture. The words "YOUR TURN" are written in bold, black, sans-serif capital letters across the center of the stamp. The stamp is tilted slightly upwards to the right. In the top right corner of the slide, there is a small, solid green rectangle.

YOUR TURN

Report Name COM-01 State Committee
Report

Refresh Date 5/20/22 8:11 AM

Wisconsin Bureau of Apprenticeship Standards

State Committee Report



This summary counts employers and apprentices, between 5/15/2022 and 5/15/2022 with contract status as Active & Unassigned in occupation(s) associated with this committee.

Report is based on apprentice contracts where:

- Contract sector is 'Industrial'.
- Contract occupation code matches a occupation code assigned to committee.
- Contract sponsor is the employer.

Note: Employers active in more than one occupation or committee can cause Column #3 totals at the Committee or State level to deviate from the summed total of the individual occupation or committee rows.

Occupation	Apprentices									Employers				
	Total	Minority		Females		Union		Non-Union		Total	Union		Non-Union	
		#	%	#	%	#	%	#	%		#	%	#	%
1	2	3	3a	4	4a	5	5a	6	6a	7	8	8a	9	9a
Report Total	752	52	6.9	17	2.3	335	44.5	417	55.5	262	92	35.1	171	65.3
Electrical and Instrumentation (E & I) Technician (0271028101801)	163	5	3.1	5	3.1	114	69.9	49	30.1	51	28	54.9	24	47.1
Industrial Electrician (0282926101801)	327	27	8.3	7	2.1	136	41.6	191	58.4	136	48	35.3	88	64.7
Maintenance Electrician (0282926101802)	6	0	0	0	0	3	50.0	3	50.0	2	1	50.0	1	50.0
Maintenance Technician (0282926101805)	256	24	9.4	5	2.0	82	32.0	174	68.0	114	28	24.6	86	75.4