

Approved Minutes of the
**Industrial Mechanical & Fluid Maintenance
State Apprenticeship Advisory Committee**

September 13, 2017

Quad Graphics

West Allis, WI

Members Present	Employer
Adamus, Larry(Co-Chair)	Domtar-Rothschild
Alvarez, Art	MillerCoors
Green, Carl	Expera Specialty Solutions LLC
Laabs, Art	ATI-Ladish
Minch, Ron	New Page / Wisconsin Rapids
Mortenson, Brandon (Co-Chair)	Harley-Davidson
Steckl, James	Quad Graphics – West Allis
Members Absent	Employer
Grenfell, Todd	Fourinox
Harry, Bob	GKN Sinter Metals
Lezendorf, Bryan	3M
Lischka, Ken	John Deere Horicon
Machaln, Chris	Caterpillar
Consultants and Guests	Employer
Abts, Polly	Lakeshore Technical College
Badger, Richard	Bureau of Apprenticeship Standards
Butt, Nate	Quad Graphics
Cattelino, Mike	Fox Valley Technical College
Fontanez, Carol	Waukesha County Technical College
Johnson, Josh	Bureau of Apprenticeship Standards
Kiel, Todd	Northeast Wisconsin Technical College
McGlynn, Kevin	
Nakkoul, Nancy	Wisconsin College Technical College Sys
Novak, Bob	Waukesha County Technical College

Pusch, Liz	Bureau of Apprenticeship Standards
Smith, Owen	Bureau of Apprenticeship Standards
Vine, Charles	ATI -Ladish

1. The meeting was called to order at 09:45 am by Larry Adamus, Committee Co-Chair, in conformity with the Wisconsin Opening Meeting Law.
2. Roll call was taken, and a sign-up sheet was circulated to record those in attendance.
3. The committee reviewed the roster. No revisions were necessary.

4. Old Business

a. Follow-up Items from previous meeting

The committee approved the minutes with one revision: the location is incorrect.

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

Joshua Johnson, BAS Chief of Filed Operations, informed the committee that the Bureau has not received further technical guidance from the U.S. Department of Labor on the implementation since the committee last met. In short, he said, "Stay tuned."

c. Progress on federal grants to expand registered apprenticeship

Josh distributed a written update on the grants. He stated that all grants are progressing well, and the enrollment programs developed or expanded through the WAGE\$ grant are going well. The Bureau is well on its way to meeting the goal of 1,000 new apprentices under the WAGE\$ grant. The number of apprentices enrolled in new programs developed through WAGE\$ is low right now because the first programs were implemented only recently. For example, the new mechatronics registered apprentices will launch on January 1, 2018, and Waukesha County Technical College and Gateway Technical College recently agreed to provide the related instruction.

Josh concluded by advising attendees interested in the new programs to contact their area apprenticeship training representative.

d. Apprenticeship LEADERS Initiative

Josh encouraged attendees to apply to participate in the initiative, if they have not already done so. The Bureau has recruited heavily for participants for the past two years. The Bureau projects it will officially kick-off the initiative during National Apprenticeship Week in November, with the goal of beginning outreach activities with the participants in 2018. Currently, more than 50 stakeholders have applied, from all sectors, e.g. construction, manufacturing, and the service industries.

The committee asked the specific date of the kick-off event. Josh said the kick-off will likely be the Monday of National Apprenticeship Week, but the date has not been officially confirmed.

e. Apprenticeship Completion Award Program

Owen Smith reminded the committee that the ACAP program concluded on June 30. It is included in the Governor's proposed budget, so it may be renewed for an additional two years.

The committee asked to be reminded of the details of the program. Owen reviewed the basic premise, awards, and eligibility criteria.

f. Other

A consultant stated that several companies have inquired into whether the fabrication components of the Welder-Fabricator statewide apprenticeship could be removed to attract more sponsors. The consultant noted that some companies in the Fox River Valley area dropped some of their fabrication and added more brazing and robotic welding. A few other companies have modified the program through the use of local optional work processes. These instances beg the question of whether the related instruction needs to be modified statewide.

The committee asked whether the employers that added additional processes through local options also added additional courses to the related instruction. The consultant answered, yes, which made sense because many companies do not perform production welding.

Action: the committee decided to continue the program as is, without amending the related instruction, at this time, and to continue discussing the topic in the future.

5. New Business

a. Presidential Executive Order: Expanding "Apprenticeships" in America

Josh explained that registered apprenticeship is administered across the national through either the Department of Labor Office of Apprenticeship or through a state's own agency, like Wisconsin. The executive order adds another option: industry-recognized apprenticeships, which will feature less government processes and oversight and thus be easier to access than "registered" apprenticeships.

Josh shared that the executive order implementation team clearly stated at the annual conference of the National Association of State and Territorial Apprenticeship Directors that the order resulted, in part, from industry complaints that registered apprenticeship was too difficult to qualify. Josh noted that many of the supporting companies have not used registered apprenticeship before. When asked how "industry-recognized" apprenticeships will maintain their integrity, the task force spokesperson replied that the programs would require audits and credentials.

Last, Josh noted that registered apprenticeship is not the training solution for all companies; other options exist.

The committee asked whether the federal task force is researching removing standardization of registered apprenticeships to the extent that the apprenticeship completion certificate would be respected in other states.

Josh replied, "yes and no." Yes, the federal task force wants apprenticeship credentials to be transferable. However, the essence industry-recognized apprentices is reduced regulations and standardization. He advised that the bottom line is that the task force wants to make it easier for companies to sponsor apprentices.

The committee asked whether there is a way to streamline registered apprenticeship without removing the regulations. The committee gave the example that dismantling a bachelor's degree would not make sense because it would be difficult for graduates to get a job. In short, reducing

the integrity of the apprenticeship completion certificate to increase the number of sponsors doesn't make sense.

Josh agreed and added that the Bureau is very successful at registering sponsors quickly and flexibly.

b. BASIS 3.0 and Sponsor Direct Entry

Josh explained that, through the accelerator grant, the Bureau upgraded its information management system to provide electronic registration. The new system, BASERS, will allow the sponsor to directly enter apprentice applications online. This will greatly reduce the amount of paperwork and travel times for ATRs, particularly those in remote areas who often travel hours to obtain one signature.

BASERS is projected to launch in late October. Pilot testing with sponsors will begin in April 2018. Later in 2018, BASERS will be upgraded to include electronic signature capture later, i.e. apprentices and sponsors will be able to sign the apprentice contract electronically. Once both features of BASERS have been implemented, the ATRs will gradually shift to performing more outreach and compliance activities.

Josh concluded by advising attendees interested in pilot testing the application to email BAS Director Karen Morgan.

The committee did not have questions or comments.

c. Wisconsin Apprenticeship Conference

Josh advised attendees, as a general heads-up, that the Bureau is considering hosting a conference on recruitment and retainment in the fall of 2018.

The committee did not have questions or comments.

d. BAS personnel updates

Josh shared the following updates to the Bureau staff. The new manager of the WAGE\$ grant is Nancy Kargel, who comes with 12 years of experience teaching adult basic education in the state corrections system, as well as grant management experience. The new apprenticeship training representative for the Eau Claire area is Rachell Faber. Rachel is a former police officer in the state of Oregon and a former intelligence analyst with the Air Force. The new apprenticeship training representative for the Appleton south area is Tim Budda. He will be located at Fox Valley Technical College. Last, the new program assistant, which handles general correspondence and administrative duties for the Bureau, is Ann Thiel.

The committee did not have questions or comments.

e. Other

i. National Apprenticeship 2017

Josh reiterated that the third annual National Apprenticeship Week will be held November 13-19. The Bureau encourages all sponsors and stakeholders to consider hosting an open-house for their local stakeholders. The event can be big or small, hosted independently or in collaboration with a local technical college.

Josh noted that one day of the event will be dedicated mostly to events held by construction training centers. A similar day could be held for manufacturing sponsors, if there is sufficient interest.

Josh concluded by advised stakeholders interested in sponsoring an event to contact either their apprenticeship training representative and carbon copy him.

ii. Diesel Mechanic Registered Apprenticeship

A committee member asked whether the state currently offers a registered apprenticeship program for Diesel Mechanic. The Bureau replied that the program was discontinued many years ago. A general discussion followed on industry interest in the occupation and related programs.

Action: the committee decided to monitor industry need for the program in the future.

iii. Industrial Sheet Metal Registered Apprenticeship

A general discussion ensued about the need for a registered apprenticeship for Industrial Sheet Metal. Committee members noted that several companies perform work. They suggested that perhaps the on-the-job learning could address industrial sheet metal and the related instruction could address construction sheet metal. A consultant noted that the technical colleges have not had any interest from their local employers.

iv. Consortium to Sponsor Maintenance Mechanic

Josh reported that a consortium of companies in southeast Wisconsin, created by the German Chamber of Commerce from Chicago, has applied to the Bureau to sponsor industrial maintenance mechanic apprentices. The consortium structured the program is a hybrid model and structured so the apprentices will also complete their associate's degree simultaneously. The Bureau will approve the consortium as a sponsor soon.

v. Automated Industrial Vehicle Apprenticeship

Nate Butt suggested the Bureau explore the need for a registered apprenticeship for automated industrial vehicles. Nate explained that the state used to offer a registered apprenticeship for diesel mechanic, but it was discontinued. Now, he claimed, the need has broadened to include automated vehicles, such as forklifts.

6. WTCS Update

Todd Kiel shared several items from the written update. Apprentice enrollments have increased by 22% over the last few years. The WTCS has received additional GPR funding for curriculum development projects. Several are underway, including Auto Body Collision and Organic Vegetable Farm Manager. The Great Lakes Higher Education Foundation has renewed its commitment to provide \$1,000 scholarships to apprentices. Generally, most of the scholarships are awarded to construction apprentices because they incur greater costs for related instruction and have lower first-year wages.

The committee did not have questions or comments.

7. Program participants with contracts active or unassigned as of September 1, 2017, included 176 sponsors and 551 apprentices.

8. The next meeting is tentatively scheduled for held on Wednesday, April 11, 2017, at 09:30 a.m.at MillerCoors in Milwaukee.
9. The meeting adjourned at 11:05 a.m.
10. **Follow-up Items**

Submitted by Owen Smith, Program and Policy Analyst

Department of Workforce Development
Employment and Training Division
Bureau of Apprenticeship Standards
201 E. Washington Ave., Room E100
P.O. Box 7972
Madison, WI 53707-7972
Telephone: (608) 266-3332
Fax: (608) 266-0766
Email: DWDDDET@dwd.wisconsin.gov



Scott Walker, Governor
Ray Allen, Secretary
Chythania Brown, Division Administrator

September 6, 2017

TO: State Industrial Mechanical & Fluid Maintenance Apprenticeship Advisory Committee
Members & Consultants

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

SUBJECT: State Industrial Mechanical & Fluid Maintenance Apprenticeship Advisory Committee Meeting

DATE: Wednesday, September 13, 2017

TIME: 09:30 a.m. *Coffee provided*

PLACE: Quad Graphics
555 S 108th St
West Allis, WI
Please see the enclosed directions and safety guidelines.

TENTATIVE AGENDA

1. Call the meeting to order.
2. Distribute sign-in sheet and introduce attendees.
3. Review the roster.
4. **Old Business**
 - a. Approve minutes of the previous meeting.
 - b. Revisions to CFR 29.30, AA/EEO regulations
 - c. Progress on Federal Grants
 - d. Apprenticeship LEADERs campaign
 - e. Apprenticeship Completion Award Program
 - f. Other
5. **New Business**
 - a. Presidential Executive Order: Expanding Apprenticeships in America
 - b. BASIS 4.0 and Sponsor Direct Entry
 - c. Wisconsin Apprenticeship Diversity Conference
 - d. BAS Personnel Update
 - e. Other
6. WTCS update
7. Review program participants.

8. Confirm the date and location of the next meeting.
9. Adjourn.
10. Optional tour

Address

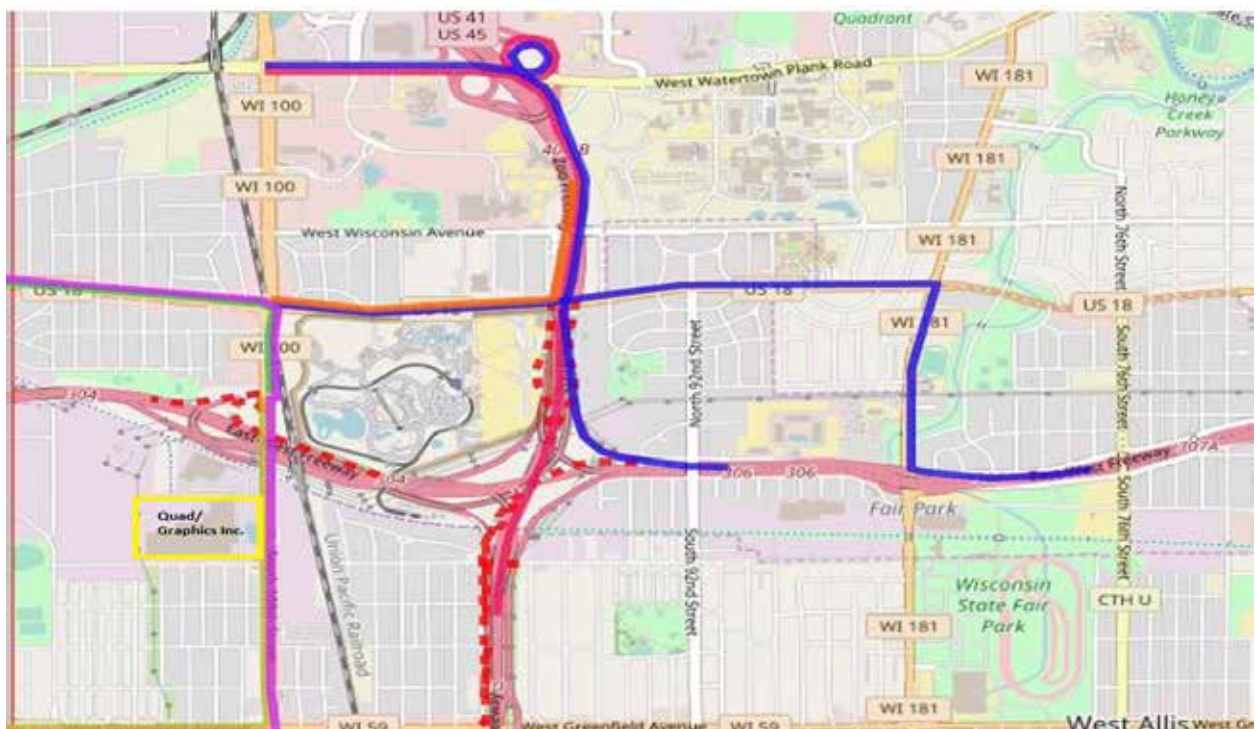
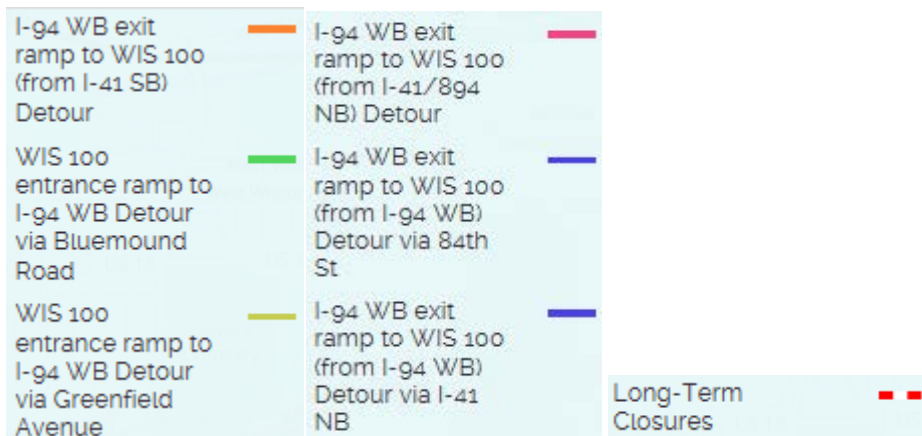
555 South 108th Street
West Allis, WI 53214-1145

414.566.3500 *phone*

414.566.3922 *fax*

Click on Hyperlink to show Zoo interchange construction Map

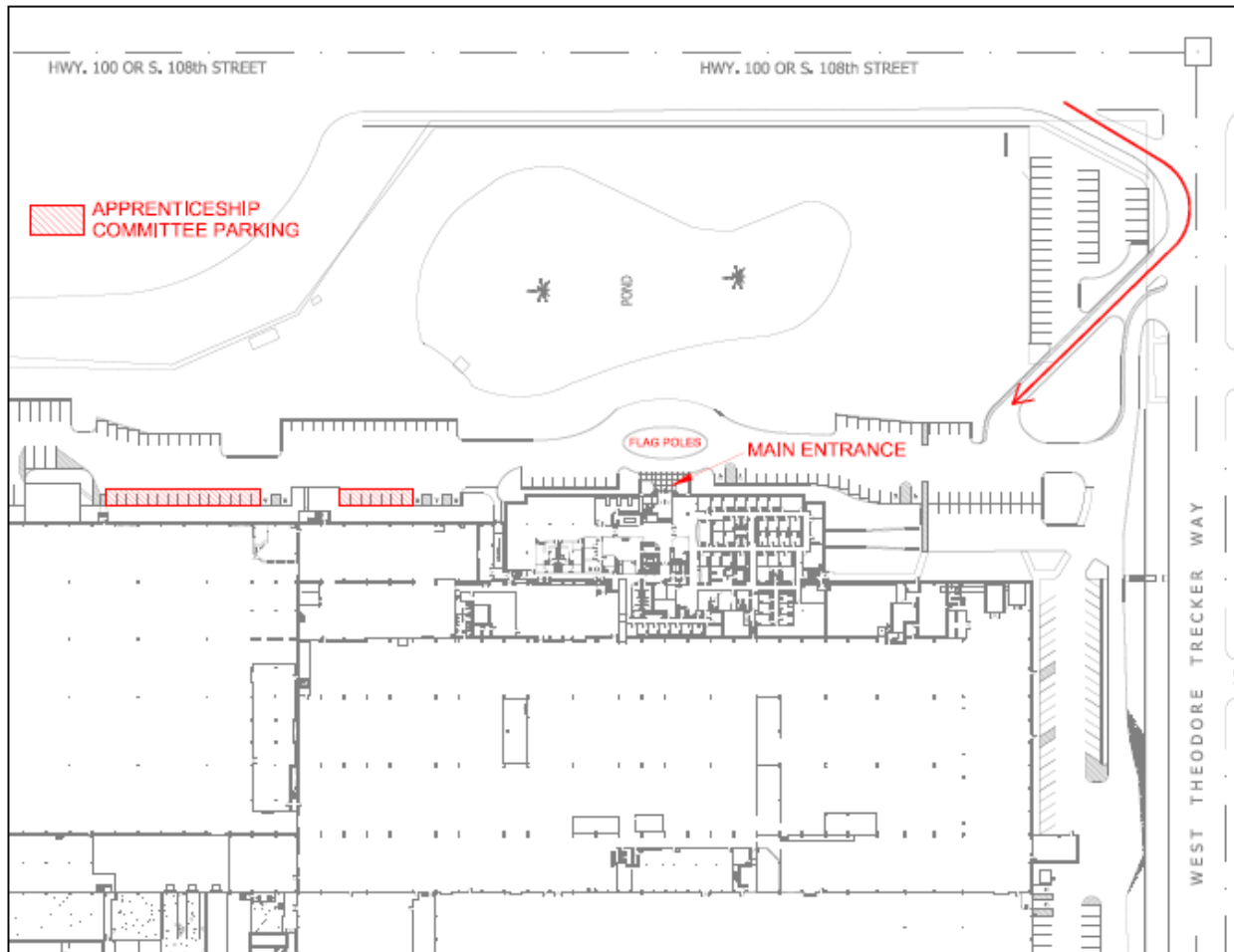
[HWY 100 Detours](#)



Turn on West Theodore Trecker way from Hwy 100 at Stop Lights.

Enter Quad/Graphics Inc. from West Theodore Trecker Way South side of the plant.

Main Entrance is first right off of Theodore Trecker Way. There are two more entrances farther down. Parking is just past main building entrance shaded in red.



Safety Guidelines for Quad/Graphics' West Allis plant

Safety in our plants is a core value. That's why we do everything we can to keep our employees, visitors and contractors out of harm's way. Please help us maintain maximum safety for everyone by following the guidelines outlined below.

PLANT INFORMATION

Address:

555 South 108th Street
West Allis, WI 53214-1145

Main Phone (Reception): 414.566.6000

Plant Director: Rick Frank, 414.566.3570

Safety Leader: Brad Klaus, 414.566.3246

ENTERING THE PLANT

Each plant should have clearly marked main entrances with customer and/or visitor parking. If you're a customer or contractor visiting the plant, please check in with the receptionist, who will provide a name badge to be worn at all times while in the plant. If you're an employee working in the plant, you are required to be in uniform and have your Quad/Card.

PROPER ATTIRE

- Choose comfortable shoes. Production employees and contractors are required to wear steel-toe shoes or boots while working on the floor. All others are required to wear shoes that cover the entire foot (i.e., no open-toe or open-heel shoes, sandals, or high heels are allowed on the production floor).
- No loose items are allowed to be worn around machinery (e.g., neckties, scarves, dangling jewelry, even loose, long hair). Shirts should be tucked in, and long hair should be secured.
- Please keep in mind that clothing or footwear may become soiled with ink, grease, dirt, etc.

HEARING AND EYE PROTECTION

Earplugs are available throughout the plant, and are required for those working on the production floor. Even if you're just touring for a brief period, we suggest that you use them. (OSHA requires the use of earplugs when exposed to excessive noise for more than 15 minutes.)

Safety glasses are required wear at all times for anyone on the production floor. If you don't have a personal pair of Safety glasses, you can obtain a loaner pair from Reception.

AROUND THE EQUIPMENT

While in production areas, please leave ample distance between yourself and all equipment. For your safety, never reach into a piece of equipment. Also, never reach into waste cages – these may contain materials with sharp, jagged edges.

BEWARE OF MOVING VEHICLES

Fork trucks, carts and bicycles are constantly moving about the plant. Whenever possible, use the pedestrian walkways, which are designated by green lines and guardrails. Look both ways and check the overhead mirrors before stepping out of the walkway.

IF YOU HEAR AN EMERGENCY CODE

In the unlikely event you hear an "emergency code" announcement, wait for further instructions from Emergency Responders or via the overhead paging system.

CODE BLUE - Injury or illness

CODE RED - Fire

CODE YELLOW - Chemical spill or gas leak

CODE SECURITY - Security emergency

CODE EVACUATION - Building evacuation required

SEVERE WEATHER - Seek tornado shelter

TO REPORT AN EMERGENCY

In the unlikely event that you or somebody else needs medical help, or you witness a chemical spill or fire, use the nearest phone to dial *70. You will hear an automated menu and a number assigned to the type of event. Press the number on the telephone key pad that corresponds to your emergency and hang up. Our system will automatically identify your location and an overhead emergency announcement will be broadcasted with your exact location and need for help. Emergency medical responders and support staff will immediately be dispatched to your aid.

IF YOU NEED TO TAKE SHELTER

Both emergency evacuation locations and severe weather shelters are located on plant safety maps posted throughout the facility. Take shelter immediately if an announcement is made to do so.



IF YOU NEED TO EVACUATE THE FACILITY

If an evacuation of the facility or building you are in is announced, exit the building using the closest exit and proceed directly to the designated evacuation meeting location for the area or department you're working in or visiting.



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The White House

Office of the Press Secretary

For Immediate Release

June 15, 2017

Presidential Executive Order Expanding Apprenticeships in America

EXECUTIVE ORDER

EXPANDING APPRENTICESHIPS IN AMERICA

By the authority vested in me as President by the Constitution and the laws of the United

States of America, and to promote affordable education and rewarding jobs for American workers, it is hereby ordered as follows:

Section 1. Purpose. America's education systems and workforce development programs are in need of reform. In today's rapidly changing economy, it is more important than ever to prepare workers to fill both existing and newly created jobs and to prepare workers for the jobs of the future. Higher education, however, is becoming increasingly unaffordable. Furthermore, many colleges and universities fail to help students graduate with the skills necessary to secure high paying jobs in today's workforce. Far too many individuals today find themselves with crushing student debt and no direct connection to jobs.

Against this background, federally funded education and workforce development programs are not effectively serving American workers. Despite the billions of taxpayer dollars invested in these programs each year, many Americans are struggling to find full-time work. These Federal programs must do a better job matching unemployed American workers with open jobs, including the 350,000 manufacturing jobs currently available.

Expanding apprenticeships and reforming ineffective education and workforce development programs will help address these issues, enabling more Americans to obtain relevant skills and high-paying jobs. Apprenticeships provide paid, relevant workplace experiences and opportunities to develop skills that employers value. Additionally, they provide affordable paths to good jobs and, ultimately, careers.

Finally, federally funded education and workforce development programs that do not work must be improved or eliminated so that taxpayer dollars can be channeled to more effective uses.

Sec. 2. Policy. It shall be the policy of the Federal Government to provide more affordable pathways to secure, high paying jobs by promoting apprenticeships and effective workforce development programs, while easing the regulatory burden on such programs and reducing or eliminating taxpayer support for ineffective workforce development programs.

Sec. 3. Definitions. For purposes of this order:

(a) the term "apprenticeship" means an arrangement that includes a paid-work component and an educational or instructional component, wherein an individual obtains workplace-relevant knowledge and skills; and

(b) the term "job training programs" means Federal programs designed to promote skills development or workplace readiness and increase the earnings or employability of workers, but does not include Federal student aid or student loan programs.

Sec. 4. Establishing Industry-Recognized Apprenticeships. (a) The Secretary of Labor

(Secretary), in consultation with the Secretaries of Education and Commerce, shall consider proposing regulations, consistent with applicable law, including 29 U.S.C. 50, that promote the development of apprenticeship programs by third parties. These third parties may include trade and industry groups, companies, non-profit organizations, unions, and joint labor-management organizations. To the extent permitted by law and supported by sound policy, any such proposed regulations shall reflect an assessment of whether to:

- (i) determine how qualified third parties may provide recognition to high-quality apprenticeship programs (industry-recognized apprenticeship programs);
- (ii) establish guidelines or requirements that qualified third parties should or must follow to ensure that apprenticeship programs they recognize meet quality standards;
- (iii) provide that any industry-recognized apprenticeship program may be considered for expedited and streamlined registration under the registered apprenticeship program the Department of Labor administers;
- (iv) retain the existing processes for registering apprenticeship programs for employers who continue using this system; and
- (v) establish review processes, consistent with applicable law, for considering whether to:
 - (A) deny the expedited and streamlined registration under the Department of Labor's registered apprenticeship program, referred to in subsection (a)(iii) of this section, in any sector in which Department of Labor registered apprenticeship programs are already effective and substantially widespread; and
 - (B) terminate the registration of an industry-recognized apprenticeship program recognized by a qualified third party, as appropriate.

(b) The Secretary shall consider and evaluate public comments on any regulations proposed under subsection (a) of this section before issuing any final regulations.

Sec. 5. Funding to Promote Apprenticeships. Subject to available appropriations and consistent with applicable law, including 29 U.S.C. 3224a, the Secretary shall use available funding to promote apprenticeships, focusing in particular on expanding access to and participation in apprenticeships among students at accredited secondary and post secondary educational institutions, including community colleges; expanding the number of apprenticeships in sectors that do not currently have sufficient apprenticeship opportunities; and expanding youth participation in apprenticeships.

Sec. 6. Expanding Access to Apprenticeships. The Secretaries of Defense, Labor, and Education, and the Attorney General, shall, in consultation with each other and consistent with

applicable law, promote apprenticeships and pre apprenticeships for America's high school students and Job Corps participants, for persons currently or formerly incarcerated, for persons not currently attending high school or an accredited post-secondary educational institution, and for members of America's armed services and veterans. The Secretaries of Commerce and Labor shall promote apprenticeships to business leaders across critical industry sectors, including manufacturing, infrastructure, cybersecurity, and health care.

Sec. 7. Promoting Apprenticeship Programs at Colleges and Universities. The Secretary of Education shall, consistent with applicable law, support the efforts of community colleges and 2 year and 4 year institutions of higher education to incorporate apprenticeship programs into their courses of study.

Sec. 8. Establishment of the Task Force on Apprenticeship Expansion. (a) The Secretary shall establish in the Department of Labor a Task Force on Apprenticeship Expansion.

(b) The mission of the Task Force shall be to identify strategies and proposals to promote apprenticeships, especially in sectors where apprenticeship programs are insufficient. The Task Force shall submit to the President a report on these strategies and proposals, including:

- (i) Federal initiatives to promote apprenticeships;
- (ii) administrative and legislative reforms that would facilitate the formation and success of apprenticeship programs;
- (iii) the most effective strategies for creating industry-recognized apprenticeships; and
- (iv) the most effective strategies for amplifying and encouraging private-sector initiatives to promote apprenticeships.

(c) The Department of Labor shall provide administrative support and funding for the Task Force, to the extent permitted by law and subject to availability of appropriations.

(d) The Secretary shall serve as Chair of the Task Force. The Secretaries of Education and Commerce shall serve as Vice-Chairs of the Task Force. The Secretary shall appoint the other members of the Task Force, which shall consist of no more than twenty individuals who work for or represent the perspectives of American companies, trade or industry groups, educational institutions, and labor unions, and such other persons as the Secretary may from time to time designate.

(e) Insofar as the Federal Advisory Committee Act, as amended (5 U.S.C. App.), may apply to the Task Force, any functions of the President under that Act, except for those of reporting to the Congress, shall be performed by the Chair, in accordance with guidelines issued by the Administrator of General Services.

(f) Members of the Task Force shall serve without additional compensation for their work on the Task Force, but shall be allowed travel expenses, including per diem in lieu of subsistence, to the extent permitted by law for persons serving intermittently in the Government service (5 U.S.C. 5701–5707), consistent with the availability of funds.

(g) A member of the Task Force may designate a senior member of his or her organization to attend any Task Force meeting.

(h) The Task Force shall terminate 30 days after it submits its report to the President.

Sec. 9. Excellence in Apprenticeships. Not later than 2 years after the date of this order, the Secretary shall, consistent with applicable law, and in consultation with the Secretaries of Education and Commerce, establish an Excellence in Apprenticeship Program to solicit voluntary information for purposes of recognizing, by means of a commendation, efforts by employers, trade or industry associations, unions, or joint labor-management organizations to implement apprenticeship programs.

Sec. 10. Improving the Effectiveness of Workforce Development Programs. (a) Concurrent with its budget submission to the Director of the Office of Management and Budget (OMB), the head of each agency shall submit a list of programs, if any, administered by their agency that are designed to promote skills development and workplace readiness. For such programs, agencies shall provide information on:

- (i) evaluations of any relevant data pertaining to their effectiveness (including their employment outcomes);
- (ii) recommendations for administrative and legislative reforms that would improve their outcomes and effectiveness for American workers and employers; and
- (iii) recommendations to eliminate those programs that are ineffective, redundant, or unnecessary.

(b) The Director of OMB shall consider the information provided by agencies in subsection (a) of this section in developing the President's Fiscal Year 2019 Budget.

(c) The head of each agency administering one or more job training programs shall order, subject to available appropriations and consistent with applicable law, an empirically rigorous evaluation of the effectiveness of such programs, unless such an analysis has been recently conducted. When feasible, these evaluations shall be conducted by third party evaluators using the most rigorous methods appropriate and feasible for the program, with preference given to multi-site randomized controlled trials.

(d) The Director of OMB shall provide guidance to agencies on how to fulfill their obligations under this section.

Sec. 11. General Provisions. (a) Nothing in this order shall be construed to impair or otherwise affect:

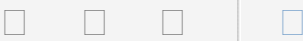
- (i) the authority granted by law to an executive department or agency, or the head thereof; or
- (ii) the functions of the Director of OMB relating to budgetary, administrative, or legislative proposals.

(b) This order shall be implemented consistent with applicable law and subject to the availability of appropriations.

(c) This order is not intended to, and does not, create any right or benefit, substantive or procedural, enforceable at law or in equity by any party against the United States, its departments, agencies, or entities, its officers, employees, or agents, or any other person.

DONALD J. TRUMP

THE WHITE HOUSE,
June 15, 2017.



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WTCS System-Wide Activity Update for Fall 2017

- **WTCS Apprenticeship Enrollment Trend:** WTCS Enrollments across all apprenticeship programs continued to rise significantly over the past year with an increase 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. Over a three year timeline, 2015-2017, the growth was 21.6%.
- **System-Wide Curriculum:** Curriculum Standard models are established and currently posted for 64 trades to the WTCS WIDS Repository. Approximately 95% of all apprenticeship programs offered through the WTCS now have a curriculum model standard on record in WIDS. Colleges are able to map/create a matrix showing how their curriculum aligns with the model standards and to evaluate credits earned. ATRs regularly use these documents to explain and promote learning content to current and potent apprenticeship sponsors.

New program curriculum continue to be developed in 2017-18 for Auto Body Collision and Organic Vegetable Farm Grower/Manager, as well as for those occupations targeted under the WAGE\$ and State Expansion Grants in areas of Information Technology, Healthcare, Finance, and Biotechnology.

- **Great Lakes Tools of the Trade/WTCS Apprenticeship Scholarships:** The Great Lakes Higher Education Corporation Foundation has once again generously committed to providing 200, \$1000 scholarships for industrial and construction apprentices during the 2017-18 academic year.
- **Apprentice Direct Instructional Support GPR grants:** For 2017-18, the WTCS has awarded approximately \$425,000 in GPR grant funds to support direct instruction for apprentices due to rapidly expanding enrollments and opening of new programs and sections. This reflects a 40% increase in the investment of funds from the prior academic year.

State Committee Report State Ind Mech & Flu Maint Committee

This summary counts employers and apprentices with a contract active or unassigned on 9/1/2017 in trade(s) associated with this committee.

Report is based on apprentice contracts where:

- Status is 'Active' or 'Unassigned'.
- Contract sector is 'Industrial' or 'Service'.
- Contract trade code matches a trade code assigned to committee.
- Contract sponsor is the employer.

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

Trade	Total # of Sponsors	Total # of Apprentices	Of Total Apprentices in Column 3, # who are...			
			Minority		Females	
			#	%	#	%
1	2	3	4	5	6	7
Report Total	176	551	29	5.3	11	2.0
Industrial Manufacturing Technician (261636002202)	5	30	4	13.3	3	10.0
Industrial Pipefitter (286228102202)	10	20	2	10.0	1	5.0
Lubrication Technician (269968701804)	4	8			2	25.0
Machine Repair (263826103001)	15	23	4	17.4	0	
Maintenance Mechanic (263828101401)	102	258	10	3.9	4	1.6
Maintenance Mechanic/Pipefitter (263828101409)	4	37	2	5.4	1	2.7
Millwright (263828101801)	48	148	7	4.7	1	.7
Millwright/Pipefitter (263828101803)	1	9			0	
Welder - Fabricator (281936101003)	12	18	1	5.6	0	

Wisconsin Bureau Of Apprenticeship Standards
State Ind Mech & Flu Maint Committee
Historical Report by Year
Report Period: 2017* and Previous 10 Years



*Current year is YTD data as of Run Date: 09/01/2017		
Run Date: 09/01/2017		
State Ind Mech & Flu Maint Committee		
Sponsored Trade Group(s): Industrial		
Year	Active Apprentices	Active Sponsors
2007	389	173
2008	394	161
2009	346	148
2010	346	144
2011	374	145
2012	401	150
2013	475	165
2014	528	168
2015	596	178
2016	566	179
2017	576	181

