



STATE OF WASHINGTON

DEPARTMENT OF LABOR AND INDUSTRIES

Apprenticeship Section - (360) 902-5320

PO Box 44530, Olympia, Washington 98504-4530

Web site: <http://www.lni.wa.gov/TradesLicensing/Apprenticeship/>

SUBJECT: **Quarterly Report (April - June 2015)**

DATE: July 16, 2015

TO: The Director of the Department of Labor & Industries
Washington State Apprenticeship Training Program Sponsors
Interested Apprenticeship Stakeholders

FROM: Tim Wilson, Program Manager

On behalf of the Washington State Apprenticeship and Training Council (WSATC), Apprenticeship Section staff, regional field consultants and contributing stakeholders, I present the **April - June 2015** report on registered apprenticeship activity and findings in the State of Washington.

The Department wishes to thank all those who contributed to this report. We commend all stakeholders whose work continues to drive innovations in apprenticeship education, workforce development and equal employment opportunity outreach.

Highlights from the April 2015 WSATC Meeting

NEW STANDARDS: (Provisional Registration)

Inland Northwest Associated General Contractors Laborers Apprenticeship Committee		
Laborer	SOC: 47-2061.00	6,000 Hours
Vertical Options Elevator Apprenticeship Program		
Elevator Constructor Mechanic	SOC: 47-4021.00	8,000 Hours

APPRENTICESHIP PREPARATION PROGRAM RECOGNITION:

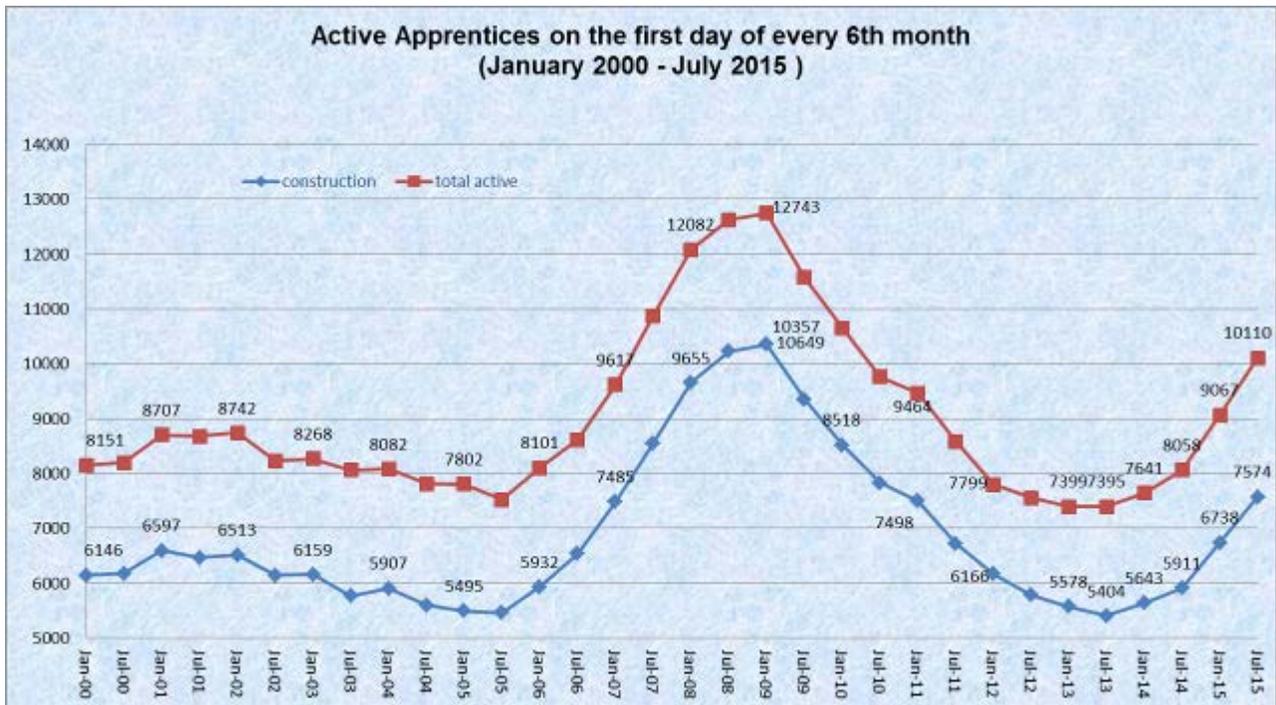
The Trade Occupations Opportunity Learning (TOOL) Center (Tacoma, Pierce County)

NEW STANDARDS: (Permanent Registration)

Stationary Engineers Training Trust		
Stationary Engineer	SOC: 51-8021.00	8,000 Hours
Facilities Custodial Engineer	SOC: 37-2011.00	4,000 Hours

Apprenticeship by the Numbers

There were **13,071** active apprentices for the 12-month time period ending June 30, 2015 of which **1,302** were women and **3,218** were minority. Over the last quarter (April - June 2015) there were **10,645** active apprentices. For a complete listing of new registrations by occupation, please contact staff in the Tumwater office. The department tracks the number of active apprentices over time and recent expansion trends appear to be continuing in 2015. The building and construction trade occupations continue to lead the way in terms of registrations with a notable exception being Medical Assistant.



Apprentice Activity (April – June 2015):

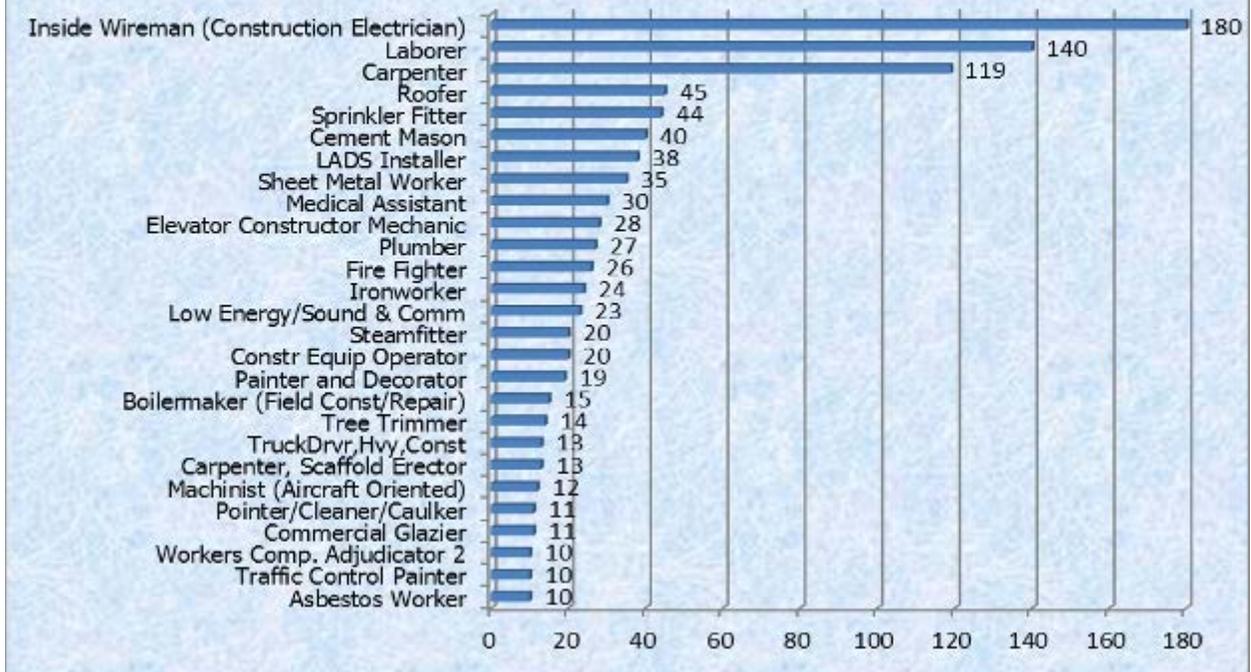
- **10,645** active apprentices during the time period
- **150** individuals were issued completion certificates
- **379** individuals were cancelled
- **1,170** individuals were registered as apprentices (**1,022** registrations previous quarter)

Minority, Female and Veteran Participation (April – June 2015):

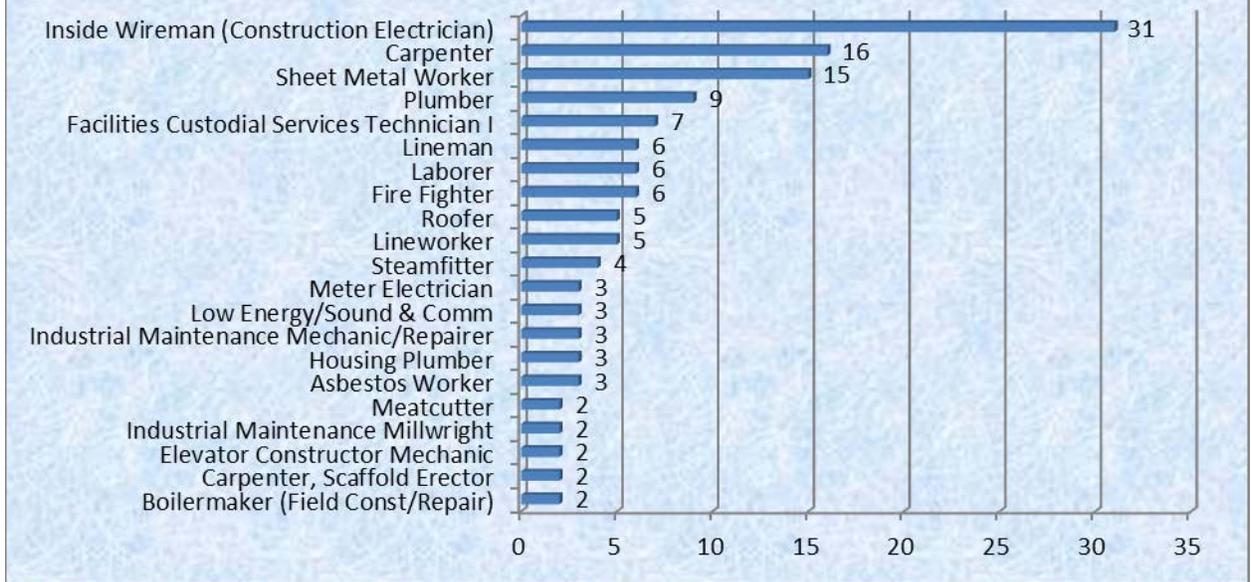
- **2,619** active minority apprentices (--%)
- **995** active female apprentices (-%)
- **1,085** active veteran apprentices (--%)

The building and construction trade occupations continue to drive numbers in terms of total completions or journeylevel credentials issued. See the charts below for the most active occupations in terms of registrations and completions for the quarter.

Registrations by Occupation >9 April 1 - June 30, 2015



Completions by Occupation >1 April 1 - June 30, 2015



Quarterly News and Events (April – June 2015)

Ironworkers TERO Pre-Apprenticeship

Source: Greg Christiansen, Ironworkers LU86 Apprenticeship Coordinator

Pacific Northwest Ironworkers Local #86 kicked off their first TERO pre-apprenticeship class on March 23rd. The class was held at Ironworkers' training center located at Bates Technical College South Campus. The class was attended by 7 students from the Puyallup Tribe. On April 20th our next class will take place in Toppenish with members of the Yakama Tribe.

The pre-apprenticeship is a four week class. Upon successful completion students will have direct

entry into the Ironworkers Apprenticeship. The course is designed to give students the tools to be successful as an apprentice. This is accomplished through time spent in the classroom, shop and hands on with a high emphasis on physical work out and fitness as it pertains to the trade (Ironworker boot camp).

The Ironworker Pre-apprenticeship has since received a grant through Workforce Central of Peirce County. With this grant we will be able to provide pre-apprenticeship to residents of Peirce County through Workforce. The classes will follow the same format as the TERO classes. We will be running 6 classes over an 18month period with 120 students projected to complete and enter the Ironworkers' apprenticeship. Classes are scheduled to start in late July at the Ironworker training center at Bates Technical College South Campus.

The demand for skilled labor is great and we are looking forward to the pre-apprenticeship helping to meet that demand.

Greg Christiansen

Ironworkers #86 Apprenticeship Coordinator



Tulalip Pre-Apprenticeship Construction Training Class Graduates

Source: Tulalip TERO



Cole Stanger (left) and Maurice Riley (right) celebrate with their fellow graduates of the Tulalip Tribes' Construction Training Center during a ceremony at the Hibulb Cultural Center on Monday.

On Monday morning, June 15, 2015 in the Hibulb Cultural Center on the Tulalip Reservation, about a dozen students went through a graduation ceremony of their own.

They were graduates of the Tulalip Tribes' Construction Training Center, which trains native students in carpentry, welding, wiring, framing, plumbing and other trades.

The program, run by the Tribal Employment Rights Office for two years, follows Edmonds Community College's construction trades curriculum, and its graduates leave with certifications in First Aid, flagging, and OSHA 10-hour safety cards in addition to qualifying to join various trade unions and their apprenticeship programs.

Students typically do a final project, which in the past has included personal decorative items or furniture. This year, the students took things a step further and built two 120-square-foot houses, which will be donated to the Nickelsville homeless encampment in Seattle.

Tulalip chairman Mel Sheldon Jr. called attention to homeless Native Americans living in Seattle camps and on the streets.

“I see all our urban Indian homeless and it gets me right here in the heart that we can help them during the day, but at night they have nowhere to go,” Sheldon said.

Sheldon congratulated the students and told them they'll be able to do great things for themselves.

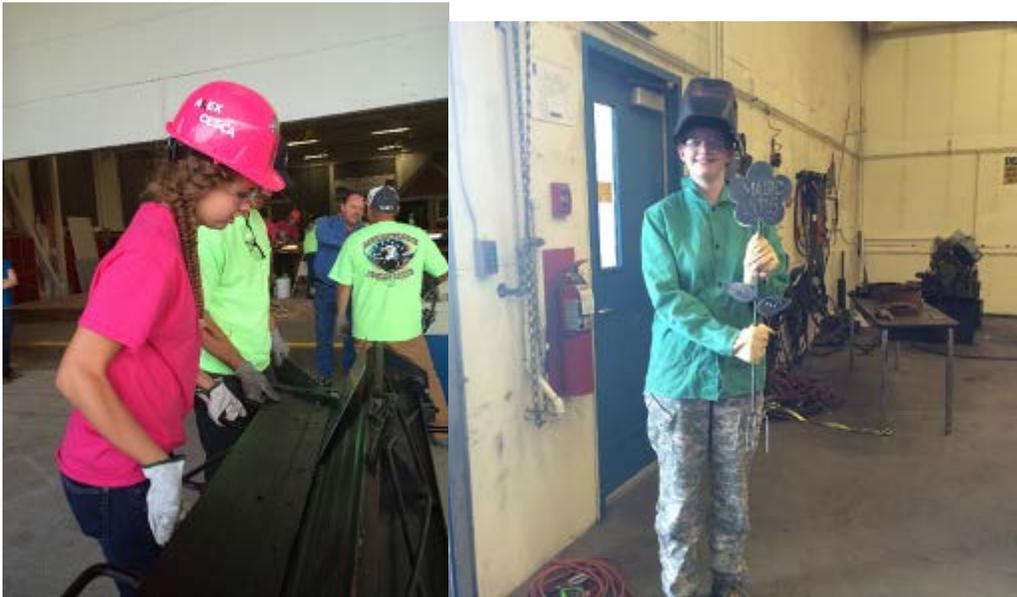
“But moreover, you have the opportunity to be able to do something for our community, for other people,” he said.

The plan is for the two houses to be donated to the Nickelsville encampment when it locates to the site of the Lutheran Church of the Good Shepherd in Seattle's Central District in the fall.

The two houses will be joined by up to 13 more houses expected to be built by other volunteer organizations, such as Sawhorse Revolution and YouthBuild, to create a sturdier and safer environment for Nickelsville residents currently living in tents.

MAGIC (Mentor A Girl In Construction) CAMP 2015

Source: Michael Thurman, Apprenticeship Consultant Region 5



MAGIC Camp was held in Kennewick at Tri-Tech Skills Center May 4-8, 2015 from 4-7pm. The camp was co-sponsored by Tri-Tech and the Tri-Cities Chapter of National Women in Construction (NAWIC) and supported by the local apprentice training centers as well as numerous local companies. The target audience was girls between 8th and 12th grade and this year, 15 girls took part in the Camp. The attendees spent four evenings learning about careers in construction while working on projects related to the trade for the evening including making wood flower pots, stepping stones with the cement masons and laborers, welding metal flowers and copper tubing with the plumbers and steamfitters, making sheet metal birdhouses with the sheet metal staff, wiring light sockets and switches and making lamps with the electricians, and construction equipment simulator training. The girls also were able to practice driving a forklift. The goal was to provide hands activities in a safe and welcoming environment, including as many female apprentices and journeymen as could attend the event. In addition to the hands on activities, the students learned about safety and possible careers through various guest speakers.

On Thursday evening a celebration took place and all the campers, their parents, the participating training center staffs and volunteers got to see what the girls had done and visit with those who had helped mentor the students. We have had one student who was a MAGIC camper in 8th grade, took some Ag shop classes at her home school, attended welding at Tri-Tech and is now a Local 598 Plumbers and Steamfitters apprentice. That is exactly our purpose, to show the young women where they can go in the future.

MAGIC Camp is awesome and wouldn't be possible without the financial support of the generous companies and training programs as well as the hard work of all the volunteers. We are looking forward to MAGIC 2016.

A Special thanks to the TRI-TECH Students who gave of their time to assist the girls with their projects. Additionally, the following organizations are to be commended and thanked for their support of this wonderful opportunity.

National Women in Construction (NAWIC)
IEC of Washington
American Rock Products, Inc.
Ashgrove Cement
Benton PUD
Big D's Construction Inc.
Diversions Contract Window Coverings
Cement Masons & Plasters Apprenticeship
of WA & OPCMIA 478 & 528
Columbia Basin Carpenters Apprenticeship
& Local 59
Conover Insurance
E WA NE OR Pipe Trades Apprenticeship
& UA Local 598
Fowler General Construction Inc.
Hitti

Inland Northwest AGC
LU 112-NECA Electrical Apprenticeship
NW Laborers Apprenticeship & LIUNA
Local 348
Platt Electric Supply
ProBuild
Real Centric Solutions
SE WA NE ORE Sheet Metal Workers
Apprenticeship & LU 55
SunWest Sportswear
Tri-Cities Area Educational Cooperative
Tri-City Construction Council
Tri-City Construction Council - Retro
WA State Department of Labor & Industries
Wells Fargo Insurance Service USE, Inc.
WorkSource - Columbia Basin

Spokane Area Pizza Pop and Power Tools

Source: Kenna May, Apprenticeship Guru, Spokane Community College

If you were in the vicinity of Spokane Community College's Apprenticeship and Journeyman Training Center on May 27, 2015 then you must have heard it. The sounds of heavy machinery, nail guns, chop saws and eighth grade girls squealing and laughing in delight. It was the annual event, Pizza Pop & Power Tools.

The Eastern Washington Apprenticeship Coordinators Council and Spokane Community College's Apprenticeship and Journeyman Training Center, hosted 212 eighth grades girls from around the Inland Northwest to participate in hands-on activities. These activities included welding, conduit bending, chop saw and nail gun operation, painting, concrete, roofing, soldering

and heavy equipment operation. The girls also learned how to wire a light switch that turned on a light bulb, tie knots with the lineman, and experience painting and equipment operation on simulators. Throughout the event the girls and their chaperones were introduced to the wide array of employment opportunities in the construction trades that are available to any talented and competent young women. These hands-on experiences were led by industry professionals, largely female apprentices and journey level workers.

Pizza, Pop & Power Tools debuted in Spokane in 2003 and since its inception the event has positively exposed over 2,700 young women to the construction industry and engaged them to consider the construction trades as a viable career option. As always, the event was a huge success! At the end of the day, the girls left the event with a new, fashionable Pizza, Pop & Power Tools t-shirt, a tummy full of pizza and pop (or course), and memories of a fun filled day. Event volunteers constantly heard, “I didn’t know I could do that!”



Seattle Skills Center Students Learn About Apprenticeship Opportunities

Source: Joan Weiss, Martin Luther King County Labor Council, Worker Center, AFL-CIO

On May 13, 2015, more than 80 Seattle Skills Center high school juniors and seniors filled Hall 1 at the Seattle Labor Temple. They came to attend “Pathways to Your Future”, an event jointly put on and organized by Joan Weiss (Labor Liaison at the Worker Center, AFL-CIO) and the Principal of the Seattle Skills Center (a Seattle Public Schools High School).

The goal of this event was to increase students’ awareness of their career options with an emphasis on providing information about apprenticeship programs and careers providing good family wages with benefits (union jobs). The program included a presentation by Todd Snider, Apprenticeship Consultant, WA L&I, a new video focused on apprenticeships (produced and developed by the Construction Center of Excellence, the Center of Excellence for Clean Energy and the Center of Excellence for Aerospace and Advanced Manufacturing) and a panel of younger workers including members of SPEEA/IFPTE Local 2001, NW Laborers-Employers Training Trust, and Firefighters Local 27, who spoke about their careers and the education, training and support they received. Students also met in small groups with “Table Experts” where they had more personal conversations about their future career plans. Table Experts represented a variety of industries and included members and staff of Firefighters Local 27, UA Local 32, Aerospace Joint Apprenticeship Committee, NW Laborers-Employers Training Trust, SEIU Healthcare 1199NW Training Fund, SPEEA/IFPTE Local 2001, Roofers Local 54, IUOE Local 609, and Carpenters.

This event was a great success and hopefully, will be held again.



NW Washington Electrical Apprentices Gain Solar Skills

Posted on June 28, 2015 by IREC Editors

by Ryan Brandt, Northwest Washington Electrical Industry JATC



Apprentices practice the installation of PV systems in their 5th year of the Inside Wireman Apprenticeship at the Northwest Washington Electrical Industry J.A.T.C

Apprentices at the Northwest Washington Electrical Industry J.A.T.C (Joint Apprenticeship and Training Committee) are gaining new skills installing solar photovoltaic systems, thanks in part to materials and equipment purchased under the Rocky Mountain Solar Training Provider (RMSTP) Solar Instructor Training Network grant.

This grant, funded under the Department of Energy Sun Shot initiative, allowed the training center to purchase updated PV equipment produced by local manufactures of PV modules and micro-inverters. The grant also provided for improved safety via fall protection railings installed on the training centers two mock training roofs. The training center recently completed two, three-day PV training sessions utilizing the updated equipment.



“With the updated PV equipment for the labs, apprentices can work with the same materials they will be installing on jobsites. This removes the learning curve they would normally experience, making them more confident and valuable in the field,” said Ryan Brandt, PV instructor at the JATC training center.

“In the class, I learned about the complete photovoltaic system and the current technology available in the market. The course allowed me to more fully understand the PV systems we are installing in the field,” said Scott McLendon, fifth-year inside wireman apprentice.

This past year, 35 apprentice and 10 Journeymen electricians received solar training from the JATC. This class is an elective for Journeymen electricians, but is required training for fifth-year apprentices. These trainings will take place every year as an integrated arm to the JATC’s existing electrical program.

Images: Northwest Washington Electrical Industry JATC

Elias Bishop, Utah Solar Energy Association, Rocky Mountain Solar Training Program, contributed to this story.

AJAC Celebrates Class of 2015: Leading the Way in Aerospace and Advanced Manufacturing

Source: Aaron Ferrell, AJAC Marketing Communications Assistant

AJAC Celebrates Class of 2015: Leading the Way in Aerospace and Advanced Manufacturing

The Aerospace Joint Apprenticeship Committee (AJAC) hosted their largest graduation ceremony on Friday June 19, 2015 at The Museum of Flight in Seattle, Washington. AJAC celebrated 38 graduating apprentices from the Precision Metal Fabrication, Aircraft Maintenance Technician (Airframe), and Machinist (Aircraft Oriented) apprenticeship programs. These apprentices are employed across 27 different companies and seven different counties in Washington State.

The four-year machining (Aircraft-Oriented) and two-year Precision Metal Fabrication graduates were awarded a nationally recognized journey-level certificate. AJAC’s three year Aircraft Maintenance Technician (Airframe) graduates met the FAA’s 18 month experience requirements and are eligible to apply for permission to test for their Airframe Certificate.



AJAC's graduates heard from a variety of speakers including:

- *Demetria "Lynn" Strickland, Executive Director, AJAC;*
- *Elizabeth Smith, Assistant Director for Fraud Prevention and Labor Standards at the Washington State Department of Labor and Industries (L&I) and Secretary of the Washington State Apprenticeship and Training Council;*
- *John Theisen, President & CEO, Orion Industries;*
- *Scott Hansen, AJAC Graduating Apprentice and Sound Propeller Systems, LLC Field Service Technician;*
- *Larry Brown, Legislative & Political Director, Aerospace Machinists District Lodge 751.*

John Theisen, President & CEO of Orion Industries, delivered a captivating speech during the ceremony highlighting the significance of apprentices gaining 21st Century skills at a time when aerospace and advanced manufacturing is expected to grow in Washington State. "You're completing your apprenticeship at the very best time in hiring in employment", said Theisen. "The future for aerospace in Washington State and in the Puget Sound area is very, very bright. You should enjoy great wages as well as the long term job security." Orion Industries, which graduated three apprentices this past year, along with 11 currently enrolled in the AJAC program, has been an avid supporter of AJAC's Machining (Aircraft Oriented) and Precision Metal Fabrication apprenticeship programs for several years.

In addition to an AJAC participating employer speaking, guests also heard from Scott Hansen, one of AJAC's 38 graduating apprentices. Hansen spoke regarding his experience in the AJAC program and how it has helped him in his career as a journey-level machinist, "Being in the marine industry, I found myself in a different situation than most of the other students. I was from a more manual machine based company," Hansen said. "This allowed me to see many different ways to look at advanced machining and how it can help the future of our company." Hansen concluded his speech explaining the importance of work-based curriculum, "With AJAC's curriculum, it was structured in a way that challenged all my weaknesses and helped me become a more well-rounded machinist and technician." Every Machinist (Aircraft Oriented) graduate must complete the Related Supplemental Instruction (RSI) portion of the program by logging 144 hours in the classroom. AJAC's industry instructors, Hansen's classmates and on-the-job mentor's helped him persevere through the rigorous four-year program to become a journey-level machinist.

The celebration concluded with AJAC presenting the annual “Outstanding Apprentice Award” to P&J Machining graduate apprentice Josh McMillan. The “Outstanding Apprentice Award” is given to one graduate for their exemplary leadership skills and integrity in carrying on the knowledge of their mentors and instructors. Josh’s employer and instructors admired his glass half-full approach on-the-job and positive attitude in the classroom. Josh will carry on the knowledge of his mentors and the initiative of becoming one of the new leaders in the aerospace and advanced manufacturing industries.



Josh McMillan, recipient of 2015 AJAC “Outstanding Apprentice Award”

AJAC’s next apprenticeship graduation will be held in June 2016 with an expectation to graduate 20 apprentices from 15 different companies across Washington State. Please join us in celebrating the amazing journey our recent Machining (Aircraft Oriented), Precision Metal Fabrication and Aircraft Maintenance Technician (Airframe) graduates have completed over the last four-years! Congratulation graduates!

APPRENTICESHIP & RELATED EVENTS CALENDAR

Check out the [L&I Apprenticeship On-line Calendar](http://www.lni.wa.gov/tradeslicensing/apprenticeship/newsevents/calendar/) of Events for details on upcoming activities.
<http://www.lni.wa.gov/tradeslicensing/apprenticeship/newsevents/calendar/>

August 2015

August 31, 2015

Last day for "Requests for Revision of Committee/Standards" or "Request for New Committee/Standards" forms to be submitted for the October 2015 Washington State Apprenticeship and Training Council Meeting.

WA-ACTE Summer Professional Development Conference

Date: August 9 – 12, 2015

Time: TBD

Location: Yakima Convention Center

10 North 8th St

Yakima, Wash. 98901-2515

Website: <http://wa-acte.org/confsummer.php>

For more information, contact: Tess Alviso, Executive Assistant

Washington Association for Career and Technical Education

taa@wa-acte.org

WA-ACTE

PO Box 315

Olympia, Wash. 98507-0315

Phone: **360-786-9286**

Fax: 360-357-1491

<http://wa-acte.org/>

September 2015

Oregon Rules & Policy Subcommittee Meeting

Standards Review Subcommittee Meeting

Date: September 2, 2015

Time: 9:30 a.m. - Rules & Policy Subcommittee

1 p.m. - Standards Review Subcommittee

Location: Portland State Office Building, Room 1B

800 NE Oregon Street

Portland, OR 97232

Phone: **971-673-0760**

September 2015 (Cont.)

Oregon State Apprenticeship and Training Council Meeting

Date: September 17, 2015

Time: 10 a.m.

Location: Rogue Community College

7800 Pacific Ave

White City, OR 97503

Phone: **541-956-7500** - Table Rock Campus