

Join Our Mailing List

Forward this email to a friend



Aerospace Joint Apprenticeship Committee Newsletter

Fall 2013

Stay Connected with AJAC:



Working with employers to create apprenticeship programs to develop the next generation of highly skilled aerospace and advanced manufacturing workers for Washington State.

In This Issue

[AJAC Partners with Enumclaw H.S. and City to Celebrate New Apprenticeship Program](#)

[AJAC Training Agent Wins "Impact Washington Innovator of the Year Award"](#)

[AJAC's Final Mentor Training Workshop of 2013](#)

[AJAC Partners with Skills Inc to offer Precision Metal Fabrication Apprenticeship Classes in King County](#)

[Register your Employees for AJAC's 2014 Winter Apprenticeship Programs](#)

[The Lighthouse for the Blind, Inc. Wins "Continuous Commitment Award"](#)

[Seattle Business Magazine Names Precor, Inc. to "Washington Green 50" List](#)

[AJAC Upcoming Events](#)

What AJAC Apprentices Are Saying:



"...AJAC's program helped me turn my job into a career..."

Brian Helmbrecht - Machining Center Technician - Orion

"...Because of this program, I now have a career, not just a job. I'm learning skills I can

AJAC Partners with Enumclaw H.S. and City to Celebrate New Apprenticeship Program



On September 30th, AJAC, the Cities of Enumclaw and Black Diamond, the Enumclaw School District and area employers hosted an all-day event at Enumclaw High School in an effort to build the bridge from school to employment with the launch of AJAC's machining

apprenticeship program in Enumclaw and at their High School's new multi-trade machine shop. The new machine shop provides students access to the necessary equipment while preparing them for a career in manufacturing. AJAC started the program in April of this year to address growing local employer demand for skilled workers in aerospace and advanced manufacturing.

The morning activities at Enumclaw High School included a morning assembly where 70 students from the Career Technical Education program were able to hear about the opportunities the school district, the city and AJAC are providing and how it will give them a leg up when they graduate from high school. AJAC also brought their O-320 display engine from a Cessna 172 airplane to demonstrate the inner-workings of an airplane engine and how various parts from machine shops come together in unison to make a plane fly.

After the assembly, the students toured three local machine shops B&G Industries Inc., Helac Corporation and Hill AeroSystems. The students were able to see firsthand how these shops are creating job opportunities within the local community and how manufacturing is vital to help grow the economy.

"The partnership between these multiple agencies represents a high level of commitment. Their efforts are dedicated to offering the youth of Enumclaw School District education choices that can lead to employment opportunities as well as achievable educational advancement." - Enumclaw Mayor Liz Reynolds

The evening ceremony began with keynote speakers including Deputy King County Executive Fred Jarrett, Enumclaw Mayor Liz Reynolds, President of Enumclaw School District, Board of Directors Corey Cassell, Helac Corporation Director of Human Resources Harry Lange, AJAC Apprentice Trevor Sawyer and AJAC Executive Director

use throughout my life that will help me stay competitive in my industry and make me an asset to my company..."
Miley Johnson - Sheet Metal Technician - Orion

"...My initiative to participate in the program earned me an immediate promotion to part-time CNC programmer and draftsman, allowing me to expand my current knowledge in machining...My career has become more of a hobby to me than work."
Anthony Green - Machinist/Programming Apprentice Exact Aerospace

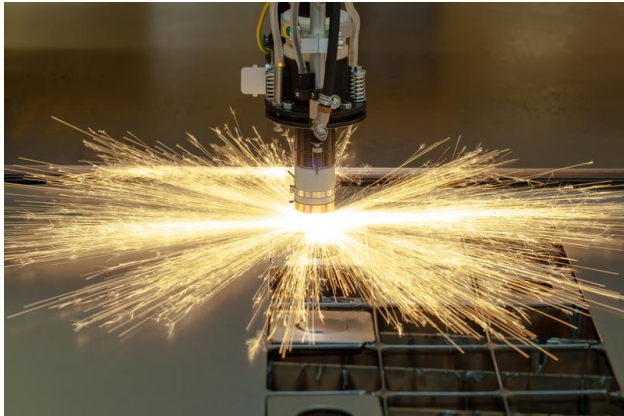
"The skills I've gained in the AJAC program through manufacturing basics and lean manufacturing has helped me improve my efficiency and problem solving abilities during production..."
Dan Porter - Machinist Seattle Lighthouse for the Blind, Inc.

What AJAC Employers Are Saying:



"...The value this program will bring us is long-term retention of well qualified, trained and certified employees..."

Laura Hopkins. All speakers emphasized how the remodel of the high school's machine shop and launch of AJAC's program in Enumclaw was made possible through the vision of this partnership.



The night concluded with a ribbon cutting ceremony as well as tours and demonstrations celebrating the new multi-trade machine shop. Over 100 people attended the evening-portion of the celebration including students, faculty, parents, local employers and supporters of the new Enumclaw High School apprenticeship program.

AJAC Training Agent Wins "Impact Washington Innovator of the Year Award"



Breedt Production Tooling and Design, LLC, a Northwest-based engineering firm and training agent of the Aerospace Joint Apprenticeship Committee (AJAC) received the Impact Washington Innovator of the Year Award on September 25th during the Lockheed Martin Magic of Manufacturing Experience. This was a part of the Smartmap Expo in Pasco, Washington.

AJAC nominated Breedt after learning about their Kinetic

Artwall located in downtown Seattle. The artwall is made up of 10,000 steel panels creating a ripple effect that makes the building come "alive" with each passing breeze.

*Jeff Tomson -
Engineer/Marketing
Machinist, Inc.*

"...This program can take someone with basic skills, and turn him or her into an invaluable employee and a vital asset to our company. As we expand and grow as a company, this program should also help us attract better qualified entry level candidates."

*Kerry Prewett - President TK
Machine Co.*

"Our Production Manager stated that this group of graduates has raised the bar. The quality of these three graduating machinists is superior to what we've experienced in the past."

*Janie Pierce, Director of
Human Resource- Precision
Machine Works, Inc.*

"Breedt Production Tooling and Design is very honored and delighted to be presented the first ever Impact Washington Innovator of the Year Award."



Andries Breedt, the owner of Breedt Production Tooling and Design, LLC, accepted the award on behalf of his company, "Breedt production Tooling and Design is very honored and delighted to be presented the first ever Impact Washington Innovator of the Year Award," said Andries. During his acceptance speech, Andries explained the importance of having a well-trained workforce to effectively recruit the future leaders of the aerospace and advanced manufacturing industry.

Breedt Production Tooling and Design, LLC, has managed to consistently be a leader in the advanced manufacturing industry because of its ability to find and nurture innovators, creators and artisans who don't fit neatly into prescribed academic molds. Andries said, "We need guys who are a little off...We need the artists."

Andries Breedt has been a longtime advocate of his employees being educated through theory and trained by the top manufacturing mentors in the area. With the help of AJAC's apprenticeship program, Andries has filled this void and developed the entrepreneurs and innovators of the industry's future. On Breedt's Facebook page, they added, "This is a very exciting and beneficial program that we are proud to be involved with."

Learn more about the positive impact AJAC's apprenticeship program has had on Breedt Production Tooling and Design and view a video on its award-winning Kinetic Artwall.

Quick Links



[AJAC is HIRING!](#)



Department of Commerce
Innovation is in our nature.

[Washington State Department of Commerce](#)



Washington State Department of
Labor & Industries

[WA State Labor & Industry](#)



[Greater Spokane Incorporated](#)



[Center of Excellence for Aerospace and Advanced Materials Manufacturing](#)



[Pacific Northwest Aerospace Alliance](#)



MANUFACTURING INDUSTRIAL COUNCIL

[Manufacturing Industrial Council](#)



[Apprenticeship & Nontraditional Employment for Women](#)

AJAC's Final Mentor Training Workshop of 2013!

AJAC's **final Mentor Training Workshop of 2013** will take place in Puyallup on **Tuesday, December 10th from 7:30-11:30 a.m** in an effort to increase on the job performance and empower mentors as leaders. AJAC's four-hour Mentor Training teaches shop leads and journey-level workers how to be mentors and transfer their knowledge to less experienced employees.

REGISTER NOW!

Mentors will gain the tools and techniques needed to pass on their knowledge by learning how to:

- Evaluate competency based learning
- Identify learning styles and strengths of their apprentice
- Define roles and responsibilities of both mentor and apprentice
- Apply performance based assessments
- Develop soft skills
- Practice effective methods for transferring knowledge and skills

AJAC's goal through the Mentor Training program is to increase each company's productivity and profitability in order to stay competitive in the manufacturing industry.

REGISTER NOW!

AJAC's Mentor Training costs \$285 per person or \$260 per person if 2+ employees attend from one company.

To schedule a Mentor Training for your company in 2014 (minimum of eight employees required), please contact AJAC at 206-764-7940 or info@ajactraining.org.



[Inland NorthWest Aerospace Consortium](#)

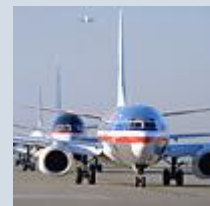


[The Museum of Flight](#)



[Washington Aerospace Scholars](#)

The AJAC Mission:



AJAC's Mission is to provide exceptional and responsive apprenticeships, innovative supporting signature training programs with cutting edge curriculum and highly effective trades trainers.

AJAC offers a method for transferring the breadth and depth of knowledge and skills between generations of the workforce, thus promoting the value of contributing to the next generation.


AJAC brings about a significant and lasting impact on the prosperity of Washington State, empowering its diverse population of residents to thrive as craftspeople and attain secure family wage jobs through:

- *Dynamic career and*

Machining and Precision Metal Fabrication APPRENTICESHIP

Get an ROI on Employee Training

Low cost to employer Reduced turnover rates More industrious and loyal employees



AJAC
Aerospace Joint Apprenticeship Committee

Find out how you can train your workforce now:
www.ajactraining.org/ROI • 206-764-7940

AJAC Partners with Skills Inc. to offer Precision Metal Fabrication Apprenticeship Classes in King County

AJAC is excited to announce its partnership with [Skills Inc.](#) to offer Precision Metal Fabrication evening apprenticeship classes this winter! Classes will be accredited through South Seattle Community College and held at Skills Inc., in Auburn, Washington.



AJAC's [Precision Metal Fabrication program](#) is taught to precision level and gives employees the opportunity to learn and enhance their knowledge in a variety of skills:

- Equipment and Machine Tool Use (Punch press, Press Brake, Laser Cutter, Waterjets, Saws, Shapers, Grinders and more)

educational pathways

- *Corresponding wrap around support services*
- *Smooth pipelines connecting employers with the next generation of workers and where preschool and K-12 students and their influencers see aerospace opportunities as viable career path options*
- *Advocating for recognition and financial support of training in aerospace and manufacturing*
- *Expanding the diversity of people entering the trades*
- *Exploring opportunities for growth and collaborating with partners to form comprehensive solutions*

- Metal Fabrication - bending, Forming and Shaping Metal
- Advanced Metal Forming and Cutting Technologies
- Materials and Properties of Bending Metal
- CNC Setup and Operation
- Safety and Inspection
- CAD/CAM
- Shop Math - Using Micrometers, Calipers, Protractors and more
- Print Reading

The winter, Precision Metal Fabrication classes will be held every Thursday from 5-9 p.m. in Auburn. New enrollment registration is December 20th. Classes will begin on January 9th.

Skills Inc. is a non-profit organization whose mission it is to create and maintain a stable, rewarding place of work, where persons with disabilities contribute their skills.

Enroll Your Employees as Apprentices Today!

Questions? Please contact AJAC at 206-764-7940 or email us at info@ajactraining.org!

Register your Employees for AJAC's 2014 Winter Apprenticeship Programs

The AJAC is filling their aerospace and advanced manufacturing apprenticeship classes for the winter quarter. Currently, AJAC is offering classes for its Machining (Aircraft Oriented) and Aircraft Mechanic Airframe apprenticeship programs. Registration is ending soon. Register your employees now!

Check out the full list of AJAC's courses by county and college:

KING COUNTY:

- Renton Technical College
- South Seattle Community College

SNOHOMISH COUNTY:

- Everett Community College @ Sno-Isle Tech Skills Center
- Everett Community College @ Arlington High School

EASTERN WASHINGTON:

- Yakima Valley Community College
- Columbia Basin College

AJAC implements a structure that trains a company's workforce in a variety of skills and on a wide range of equipment to shift with the demand. Find how you can start an AJAC apprenticeship program at your company in four easy steps:



Earn While You Learn an Aerospace Trade

Register your employees now! Contact AJAC at 206-764-7940 or info@ajactraining.org.

Hazard Communication Standards Are Changing! Are You Ready?

VIGILANT™

● counsel for employers

HAZARD COMMUNICATION TRAINING FOR TRAINERS

FREE TO ATTEND

Made possible by Washington State
Department of Labor & Industries Ship
Grant Funds.

OSHA is requiring that all employers who have chemicals onsite train their employees on the new labeling elements and SDS format prior to June 1, 2014.

To help you prepare for these changes, Vigilant is offering a

course aimed at giving your staff representative the tools needed to train other employees on these new requirements.

REGISTER TODAY!

This class is FREE but space is limited so register today.

Please email Phyllis French at p.french@vigilantcounsel.org or call:

800-733-8620 or 425-349-4477

**The Lighthouse for the Blind, Inc. Wins
"Continuous Commitment Award"**



(Left to Right) Mike Harkins, UPS; Nathan Greenwood, AJAC Apprentice; Dan Porter, AJAC Apprentice; Pat O'Hara, Vice President of Operations for Lighthouse for the Blind; and Nick Pinchuk, Snap-On Tools

The Lighthouse for the Blind, Inc. is a local, not-for-profit manufacturing organization that employs the blind, deaf-blind to manufacture machined parts and plastic injection moldings. The Association of Washington Business (AWB) recently selected The Lighthouse for the Blind, Inc., as the recipient of the "Continuous Commitment Award" which is presented to an AWB member company that has demonstrated manufacturing excellence year after year, throughout its operations.

The Lighthouse for the Blind, Inc. has participated in AJAC's apprenticeship program as a Training Agent since August 2009 and continues to provide superior quality and on-time ratings from its customers including The Boeing Company and the Department of Defense. The organization's main facility in Seattle is equipped with

over 100 computer workstations adapted for use by visually impaired individuals. Their 300 employees (and 70 machinists) use state-of-the-art technology including hydroform technology, water-jet cutting and radio frequency sealing to produce quick-turn, one-off orders that provide their customers with the highest quality products possible.

The Lighthouse for the Blind, Inc.'s commitment to employment opportunities for blind individuals in geographic areas not served by larger nonprofit agencies as well as locally here in the Pacific Northwest has been a welcome addition to the aerospace and advanced manufacturing industries.

[Learn more](#) about how you can help those who are blind and Deaf-Blind through The Lighthouse for the Blind, Inc.'s program.

Seattle Business Magazine Names Precor, Inc. to "Washington Green 50" List



[Seattle Business Magazine](#) recently unveiled their list of the state's top 50 environmentally conscious organizations at the Green Washington Awards on October 30th. [Precor Incorporated](#), a global leader in the design and development of fitness equipment, received the top honor in the manufacturing category.

Precor has participated in AJAC's apprenticeship program as a Training Agent since March 2013.

Precor's proven track record of waste reduction and continual effort to invent new methods of environmental practices has set a new industry standard for environmental sustainability amongst manufacturers. "We are always looking for new opportunities to eliminate hazardous substance use and hazardous waste, while increasing recycling and acceptable treatment methods. It's an honor to be recognized for our efforts," said Rob Barker, president of Precor.

In addition to Precor being recognized by Seattle Business Magazine, they have also received the King County "Distinguished Business in

the Green" Award and the King County "Industrial Waste Program Gold Award" four years in a row.

Please join AJAC in congratulating our Training Agent, Precor Incorporated, for receiving Seattle Business Magazine's "Sustainability Honor" and being an environmental steward for all manufacturers in Washington State.

Upcoming AJAC Events

December 5, 2013

[Lindbergh High School Annual Trades Fair](#)

Lindbergh High School Gymnasium - Renton, Washington

January 30, 2014

[Enumclaw STEM Expo 2014](#)

Enumclaw High School - Enumclaw, Washington

February 6, 2014

Monroe School District College Career Fair

Park Place Middle School - Monroe, Washington