

Fall 2019 On the Level

Pacific Northwest Carpenters
Institute



Supporting Carpenters and Industry Partners

Focus On Outreach



2019 Job Corps visit to PNCI. Photo by Jonni Ketcher

PNCI hosted Wolf Creek, Timberlake, Angell and Tongue Point Job Corp students for a barbeque and tour of the facility. Jason Krieg, BIM Technician for PCI and previous Job Corp grad served as the guest speaker. They also heard from special guests Randy Thornhill, Western District VP, Phil Newkirk, recently retired Western District VP, and Susan Field, UBC Job Corps Placement Coordinator.

PNCI Career Connections/HS Coordinator, Meg Kilmer Launches Summer Curriculum Camp

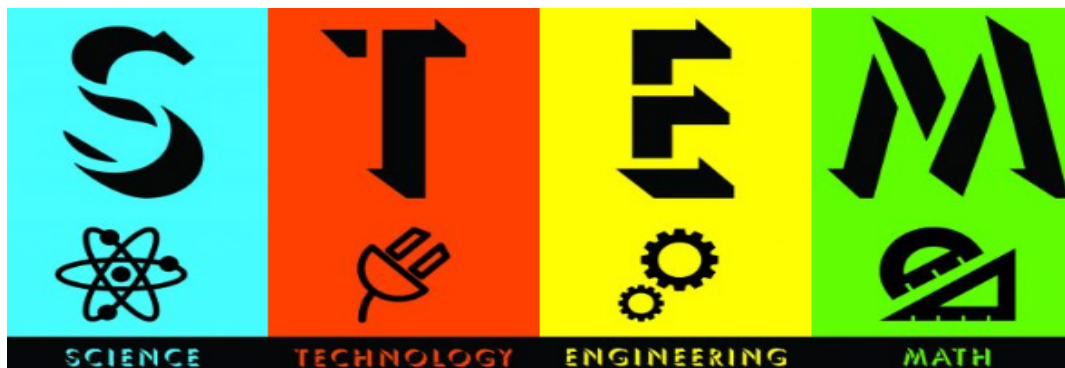
Seven teachers from Portland, Gresham and Vancouver high schools attended PNCI's first Career Connections Curriculum (C.C.) Camp in June. The veteran shop teachers took a deep dive into the UBC's high school curriculum, planning to implement it in the 2019-20 school year. Teachers learned that as their students complete the series of Project Books they earn UBC certificates that offer them an advantage when applying for an apprenticeship.

PNCI Instructor Aser Heye supported the teachers as they worked in the Finish Shop to make a complex, folding bench from the intermediate textbook. Now, they are ready to help their own students with the assignment. Several late-term apprentices joined the teachers for lunch one day to tell their stories and encourage educators to inform their students about apprenticeship. Brian Barnes, shop teacher at Portland's Cleveland High School said, "I really liked reviewing the Project Books, learning about the evaluation forms and rubrics, and talking with the apprentices and instructors." **To Date 33 HS across Oregon and SW Washington are using career connections as part of their CTE Curriculum.**



Franklin High School Career Connections Instructor, Dan Silvernail, works on a project in PNCI's wood shop.

“PNCI’s investment in the Summer 2019 Teacher Externships demonstrate a uniquely powerful commitment to our region’s students. The teachers that visited were inspired by your trainers and your work. They left excited to build their new career knowledge into their classroom lessons. Thank you for opening the door to Portland, Hillsboro and Beaverton educators!”--The Portland Metro STEM Partnership



PNCI's Work with Technology receives major attention.

Reaching Out to the Industry

Miguel Montano, PNCI Assistant Director, and Daniel Ronda, PNCI Lead Instructor, sit on a panel to discuss their work with BlueBeam



On August 27 & 28, PNCI Staff members Daniel Ronda and Miguel Montano were invited to present and serve on an Industry Panel at the annual BlueBeam Conference in Washington DC. This event was attended by 1000+ AEC professionals from all over the US, Canada, and abroad. On Tuesday, Daniel and Miguel presented "Training the Skilled Workforce- The Future Industry Leaders". The focus of this presentation was on the why and how PNCI has integrated technology in both the apprenticeship and Continuing Education classes.

The presentation was very well received. Miguel and Daniel were overwhelmed by the number of attendees wanting to know how they could get this level of training in their area and also congratulating them and PNCI for getting the training to our Members in the field. On Wednesday, they both served on an industry panel focused on winning the hearts and minds of our members in regard to technology. Daniel and Miguel had an opportunity to field questions from the audience as well as a moderator and reiterate the steps PNCI has taken to integrate technology at the Training Center. Some questions were around attracting younger workers to the trades. This was a perfect opportunity to let the AEC community know about all the work PNCI and the UBC is doing with Career Connections at our local high schools and highlighted how we are using the Technology used in the field to attract the younger workers to the Trade. It was clear, the attendees were impressed with everything PNCI is doing to be a leader in Technology Integration in Instructional Delivery.

[Want to learn more about Bluebeam? Click here...](#)



[Click on the image to the left for the latest PNCI recruitment video.](#)

Carpenters Trade Preparation

Reaching Out to women and minorities



Amber McCoy talks to one of her CTP19 Students. photo by Meg Kilmer

In September, PNCI celebrates the twenty-second cohort of pre-apprentices completing the Carpenters Trade Preparation class with Instructor Amber McCoy. Carpenter Trade Preparation (CTP) introduces people with little industry exposure to the five apprenticeship options at PNCI. At the conclusion of the free, three-week class, participants have experience using power tools and have studied blueprint reading, construction industry culture and the Carpenters place within the industry.



CTP 19 students. photo by Meg Kilmer

PNCI Reaches Out to Teachers



by Meg Kilmer

Charlene Getchell led 5 cohorts of teachers in a math lesson this summer. At about 12 – 15 per group, that's a big impact!

One group was organized by Portland Metro STEM Partnership, a regional collaboration aiming to transform Science, Technology, Engineering and Math education for K-12 students. The other four groups were Educator Externs sponsored by the Willamette Promise and the Associated General Contractors, Oregon-Columbia Chapter. Charlie Hoyle hosted one or two of these Educator Externs in Redmond too.

AWS Accreditation at PNCI

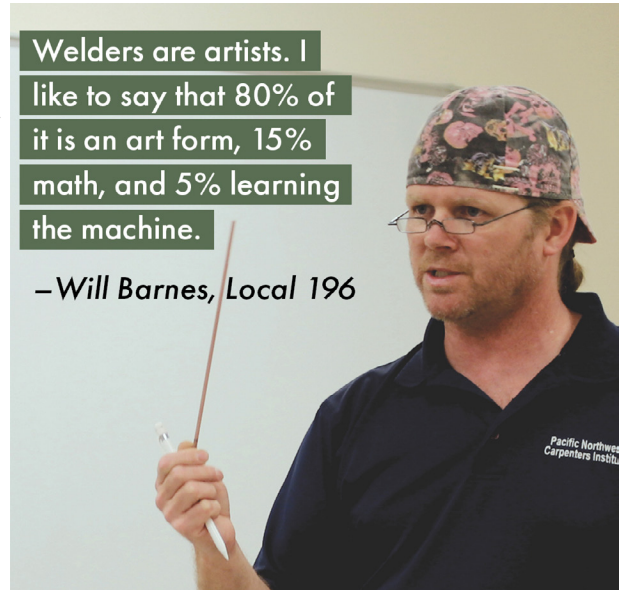
AWS ACCREDITATION AT PNCI

PNCI recently acquired accreditation from the American Welding Society Accredited testing facility. PNCI now offers our members and contractors a certification that is recognized nationally and internationally with 100% in house testing and zero out of pocket expense to our members.

“Here at PNCI we are always striving to add value for both our members and contractors. As the only AWS facility in the State we have taken a huge step forward. A special shout to Will Barnes our Lead Welding Instructor for his hard work in working with Team PNCI to get us this Accreditation. Way to go Will!” -- Michael Hawes PNCI Executive Director.

Welders are artists. I like to say that 80% of it is an art form, 15% math, and 5% learning the machine.

– Will Barnes, Local 196



*Will Barnes, lead welding instructor at PNCI.
photo by Jess Lund*

PNCI has Virtual Welders!

“I have been welding since 1988 and I have to keep an open mind to how the next generation learns. We have two virtual augmented welders that expose our students to the ground floor of the process without the risk and cost of welding with real materials,” said Will Barnes.

by Jess Lund

Article originally published by NW Carpenters.org

[Click here to read the full article...](#)



Welding is a skill used by every one of the Carpenter trades.

Summer Construction Camp

Reaching Out to High School Students

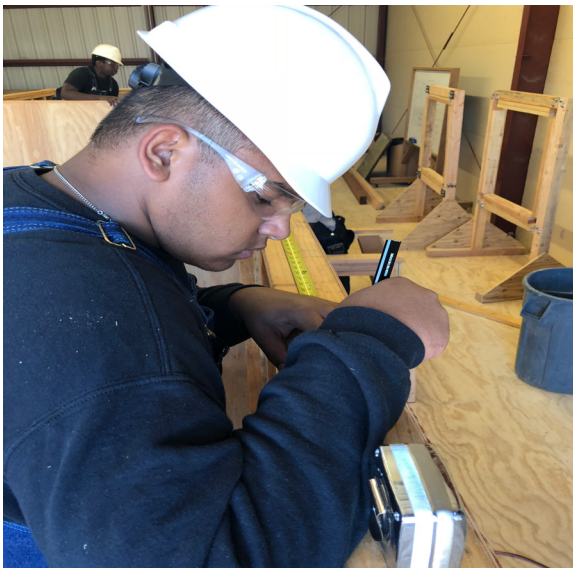
by Meg Kilmer

Eleven high school students participated in the 13th annual Summer Construction Camp, learning about all aspects of the industry as they worked on jobsites and took classes at PNCI. Andersen, Bremik, Fred Shearer & Sons, Fortis, Harver, Howard S. Wright, Lease Crutcher Lewis, Skanska and Van Lom partnered with PNCI and employed the youth for eight weeks.

Photo credit: Denise Rothwell, publisher of Building Futures magazine



PNCI Hosts Three-Week Youth Camp



Reaching Out to Minority Youth



This summer, PNCI hosted Constructing Hope's Youth Camp. The youth ages 14-18 spent three weeks at PNCI learning about the Carpenters and how to use basic tools. They built two playhouses to be auctioned off to raise funds for Constructing Hope. Constructing Hope Pre-Apprenticeship Training Program helps participants develop an understanding of apprenticeship opportunities available in the construction trades. Each participant will gain entry-level skills, familiarity with trade tools, terminology, and basic principles, and knowledge of various career opportunities within the trades. PNCI a proud partner is honored to host the Constructing Hope graduations on a quarterly basis. Every quarter 4-6 CH graduates join our Apprenticeship program.

Please visit our web site at PNCI.org for class schedules and apprenticeship openings.