



e-News Blast
UPDATE
September 2019



WA-ACTE Fall Conference
CTE-STEM & Arts...Pathways to Graduation
November 7-8, 2019
Great Wolf Lodge, Grand Mound/Centralia

MEMBERSHIP
Matters

Washington ACTE Membership Webpage

Renew your membership for WA-ACTE, Sections, and/or National ACTE. Advocate for your CTE interests and achieve your career goals by ensuring your membership is current.

[Join or Renew Membership Dues with a Check or Purchase Order](#)
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FUTURE EVENTS

Upcoming Conferences

WA-ACTE, Sections, Region V, and National ACTE Conferences

BAM Conference | October 11-12, 2019 | Wenatchee



[Click Here to Register Now](#)

WACTA / WA-CCER Fall Conference | October 14-15, 2019 | Wenatchee Convention Center

New! [Advance CTE Counselor Opportunity Information Flyer](#)
(limited to 40 and must be a current counselor)

Paper Registration (checks or purchase orders): [Word](#) | [pdf](#)

[Online Registration \(credit cards only\)](#)
[Register Now](#)

Hotel Information:

Coast Wenatchee Center Hotel | 201 North Wenatchee Avenue, Wenatchee WA 98801
Telephone: 509-662-1234 | Fax: 509-662-0782 | www.coasthotels.com
RATE: \$94 single occupancy plus \$20 for double occupancy | 9-22-19 cutoff

FACSE FCS Conference | October 20-22, 2019 | Great Wolf Lodge

WA-ACTE Fall Conference | November 7-8, 2019 | Great Wolf Lodge | **Registration Coming Soon**



[Wash. council seeks to bolster workforce](#)

Washington state's Southwest Washington High Tech Council is emphasizing the importance of technical training in schools. While the group formed decades ago with a focus on transportation, it now has grown to focus largely on ensuring the community is growing its cadre of skilled workers ready for in-demand jobs.

[Wash. state apprenticeship program grows](#)

High-schoolers in Washington state are participating in a youth apprenticeship program through Aerospace Joint Apprenticeship Committee. The program has grown in the three years since it began, and helps to prepare students for careers in the state.

[CTE students build downtown bike racks](#)

Career and technical education students at a Washington state high school recently worked to build 12 bike racks that were installed in the downtown area of their community. The so-called "shadow" bike racks cast shadows on the ground that depict various shapes, including ducks, butterflies and cows.

[4-week program sparks interest in skilled trades](#)

A Washington state manufacturer recently opened a four-week production and manufacturing academy to incoming high-school juniors and seniors to help develop interest and provide instruction in the skilled trades. The program included hands-on experience in creating and designing products, as well as in production and sales.

[Will your job be around in 10 years?](#)

A McKinsey report finds 40% of job sectors will decrease or disappear by 2030, but someone working in those fields, for example a bookkeeper, could retrain to a career not at risk, such as a loan officer, writes Karina Mazhukhina. Healthcare, STEM and creative fields will experience the greatest job growth, according to the report.

[CTE Survey in the Field](#)



This month, CTE educators nationwide are beginning to receive packets with questionnaires for CTE students and teachers. These questionnaires are part of an annual collaboration between ACTE and [myOptions™](#), and they provide ACTE with valuable research on CTE program elements and student outcomes that informs our work and helps us develop advocacy tools. In addition, educators benefit by receiving customized reports about their students' postsecondary and career goals, while students receive personalized information connecting them to postsecondary information and planning resources. You may receive survey requests from other companies that do not have a relationship with ACTE. ***It is important that you select the package that is branded with ACTE's logo.*** It will come from the address 3651 Ralph Powell Road, Lee's Summit, MO 64064. Participation is voluntary, although if you receive the questionnaires, we hope you and your students will fill them out! If you did not receive any questionnaires but would like to participate, or need additional forms, please email peggy@myoptions.org with your name, school name and address, email address and the number of forms requested. MyOptions, a nonprofit education organization, is the nation's largest college and career planning program. MyOptions offers free assistance and resources to millions of students, their parents, and high school faculty and staff nationwide. Student privacy is protected from being sold for non-educational marketing purposes. Learn more about myOptions student planning profiles and privacy protections with the [Frequently Asked Questions](#).



Spokane Pathways to Apprenticeship

NEW DATE

September 26, 2019

Sheet Metal Apprenticeship Training Center

7209 E Trent Ave #1, Spokane Valley, WA 99212

8:30am to 2:00pm

Teachers, Counselors and Students!

- *Tour Apprenticeship training centers and participate in hands on activities*
- *Receive valuable career guidance tools and academic resources*
- *Hear from apprentices and experts in the industry from many different careers*
- *Connections to apprenticeship programs/how to get into apprenticeship programs*
- *OSPI STEM Clock Hours*

Join us to learn about the Careers and

Pathways into Construction!

Please feel free to bring two or three junior or senior students that have expressed an interest in the trades.

Register NOW!



SPOKANE
WORKFORCE
COUNCIL

CONSTRUCTION
CENTER OF EXCELLENCE
MEMBER OF TECHNICAL COLLEGE



ShopBot CNC for Schools, Businesses and Makerspaces

West Valley Junior High, Yakima, WA

October 11 – 12, 2019



Whether you are new to the idea of ShopBot CNC tools, or an experienced user, you will acquire new skills as we go through a series of projects that incorporate 2D machining and 3D carving. Topics will include designing in VCarve PRO CAD/CAM software, and how to import/export designs using other graphics or engineering-based softwares. We will explore techniques for toolpathing strategies, bit selection and feeds/speeds, and material hold down. Come ready to discuss how to link topics covered during this workshop to essential learning standards and NGSS.

Attendees will see how ShopBot CNC tools are used in West Valley Junior High's Pre-Engineering and AMPED classes. The skills learned there are the starting point for STEM and Manufacturing pathways that lead to apprenticeships while in high school, high paying careers, and post-secondary education.

Class size limited to 12. ShopBot Desktop/Max CNC machines and computers with the appropriate software are available for the use of the attendees. If you are bringing your own PC computer to the training, we ask that you download a demo version of the VCarve Pro CAD/CAM software <https://www.vectric.com/products/vcarve-pro>

Class Times: 8:30 – 4:00 both days

Friday optional work time 4-6

Clock hours: 16 hours CEU

Cost: \$350 lunch included



Registration: https://www.escweb.net/wa_escd105/catalog/session.aspx?session_id=125245

Instructor: Sallye Coyle

In the realm of STEM and STEAM education, Sallye emphasizes designing across digital fabrication platforms such as CNC machines (ShopBot), laser cutters, and 3D printers. She works with design files created from a variety of graphic- or engineering-based CAD softwares, and uses VCarve Pro/Aspire and Fusion 360 CAD/CAM software in her own 2D and 3D design work

On the business and production side, Sallye consults with customers to analyze their interests and needs, then trains them to use their ShopBot tools creatively and efficiently. Sallye uses her own ShopBots as a glass artist, and as a contractor through 100kGarages. Her passions have taken her around the world, working with digital fabrication labs/makerspaces, educators, artists, and manufacturing customers.

Career and Technical Educator Program Provider Contacts:

<p><u>Bates Technical College</u> <u>Peter Hauschka</u> 253-680-7217 <u>Ines Lamberton</u> 253-680-7467</p>	<p><u>Central Washington University</u> <u>Stephanie Wytko</u> 509-963-1563 <u>Jodi Musser</u> 509-963-2773 <u>Ashley Hanby</u> 509-963-1528</p>	<p><u>Eastern Washington University</u> <u>Becky Chamberlain</u> 509-359-6198</p>	<p><u>Olympic College</u> <u>Mo Anduiza</u> 360-731-5326</p>	<p><u>South Seattle College</u> <u>Luisa Motten</u> 206-934-6782 <u>Kathleen Kent</u></p>	<p><u>Southwest Washington Consortium</u> <u>Heidi Steigmann</u> 360-604-1050</p>
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<p><u>CWU CTE Technology Education Major</u> <u>Scott Calahan</u> 509-963-3218 Ext. 3218</p>
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