

Career & Technical Education News  
Winter 2018

## “Your Future Through Career & Technical Education”

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### What is CTE?

CTE stands for Career and Technical Education, formerly known as vocational education. The CTE program in the ASD is an innovator and leader in education in Washington that offers courses of study to ensure students explore, compete and succeed as lifelong learners in the world of work.

Through a variety of course offerings, students participate in robust, relevant and rigorous education. The ASD offers more than 20 high school CTE programs and six middle school programs. For complete information about CTE in the Auburn School District, visit [www.auburn.wednet.edu/cte](http://www.auburn.wednet.edu/cte).

This newsletter highlights just a few of the amazing opportunities within the ASD for career exploration and preparation.

### What CTE Programs are Available?

- Aerospace Machining & Assembly
- American Sign Language
- Automotive Technology
- Business Education
- Career Choices
- Commercial Art
- Computer Networking
- Cosmetology
- Culinary Arts
- Drafting/Engineering
- Electronics
- Family and Consumer Science
- Horticulture
- Jewelry Manufacturing
- Junior Reserve Officers' Training Corps (JROTC)
- Marketing Education
- Sports Medicine
- Video Gaming & Interactive Media
- Visual Communications
- Welding
- Woodworking

**NOTE:** Not all programs are offered at all high schools, but programs are open to students from any Auburn high school.

### Middle School CTE programs:

- Construction
- Foundations of Information Technology
- Kitchen Science
- Robotics
- Computer Science
- Mechatronics

Your student's counselor can assist with course selection for any areas of interest.

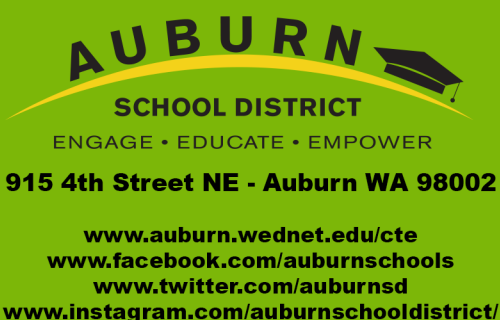
### Dual Credit Opportunities

The Auburn School District has excellent partnerships with community colleges and universities.

ASD high school students can receive community college credit for completion of more than 38 CTE courses with a B grade or higher. Last year, 49 percent of ASD high school students completed at least one CTE course that also was eligible for community college credit.

Beginning in the 18-19 school year, students will be able to earn university credit through Central Washington University for Robotics and Computer-Aided Design & Drafting. Students will take the courses in the high school and earn college credit at the same time. The college credit will be available at a fraction of the cost of taking the classes at the college.

“This is a great opportunity for our students to earn credits towards their certifications or degrees while still in high school,” said Lew Keliher, assistant director of CTE.



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## Auburn Mountainview - Microsoft Office Specialist (MOS)

Students at AMHS have the opportunity to earn industry certifications in Microsoft Office software that prepare them for the work world and increase their marketability.

Just since September, two AMHS students have achieved MOS Master status in Office 2013 and 2016. Linh Nguyen and An Than achieved expert level in Word and Excel to earn this distinction.

Both will compete for the Washington State MOS Championship this winter with the hope of making it to MOS nationals.

Last year, 200 students earned 439 MOS certifications at AMHS.



## Auburn Riverside - Graphic Design & Woodworking

An animal rescue shelter in Houston wanted to commemorate top money raisers who donated to save dogs.

Woodworking teacher Jim Wickens designed the wood templates and graphic design students Aubrie Bayley, Haley Jones and Katie Ruppert illustrated and then decorated them with paint and colored pencils.



## Middle School Mechatronics

New to all middle schools in Auburn this year is Mechatronics.

Mechatronics exposes students to the areas of engineering, mechanical systems, electrical components and industrial application. In blending these four fields into one hands-on program, students learn to problem solve while they design and build solutions.

This program integrates the areas of measurement drafting/engineering, electricity, pneumatics/hydraulics, electronics aerospace, flight, transportation and prototype production.

Providing opportunities in middle school to explore these areas can lead students to CTE course selection in high school.



## Auburn School District Automotive Program

Auburn has had an automotive technology program since the 1950s. The 16-bay shop is the largest in Washington and the program offers exposure to all nine areas of Automotive Service Excellence (ASE) training. Students have the opportunity to take ASE tests so they have job opportunities when they graduate. Almost 50 students coming from all of Auburn's high schools are enrolled in beginning or advanced automotive technology at Auburn High.



Auburn was recently one of 50 high schools in eight states to receive a \$10,000 grant from the Ingersoll Rand Foundation to fund improvements to their automotive technology programs. The Ingersoll Rand Real Tools for Schools program awards high schools with \$10,000 grants to enhance education for students in automotive technology programs with updated equipment, supplies, instructor training and curricula.

In Auburn, the grant will be used to upgrade or replace a cylinder leakage tester, a smoke leak detection system, a transmission jack, gas analyzer, compression gauge sets and a welding machine.

"We have a strong tradition of CTE programs in Auburn," said ASD Superintendent Alan Spicciati. "This grant provides even more resources for us to offer modern opportunities for our students."