

Vol. 1 Issue 1 2020

David Douglas High School's  
Career Technical Education Newsletter

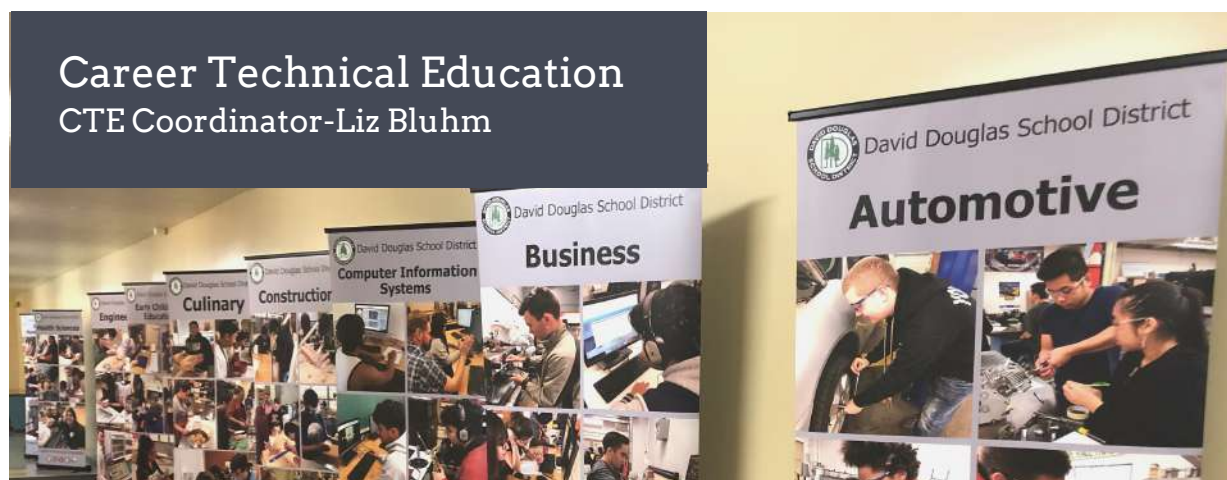


# CTE IN CDL IT'S POSSIBLE!

## CTE in CDL...It's Possible!

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David Douglas School District is located in East Portland and is home to one of the largest, comprehensive high schools in the state, David Douglas High School. Our district has always been an advocate of CTE (Career Technical Education) and believes that hands-on learning provides students of all ages with the academic and technical skills, knowledge and training to succeed in future careers. David Douglas High School has seen huge growth in the commitment of the district to CTE Programs -- now bringing the total to 11 Programs of Study. We are also excited to add 3 CTE teachers and programs to Fir Ridge Campus in the David Douglas School District. These investments in CTE programs underscores the district commitment to CTE for all students.

Programs of Study at DDHS

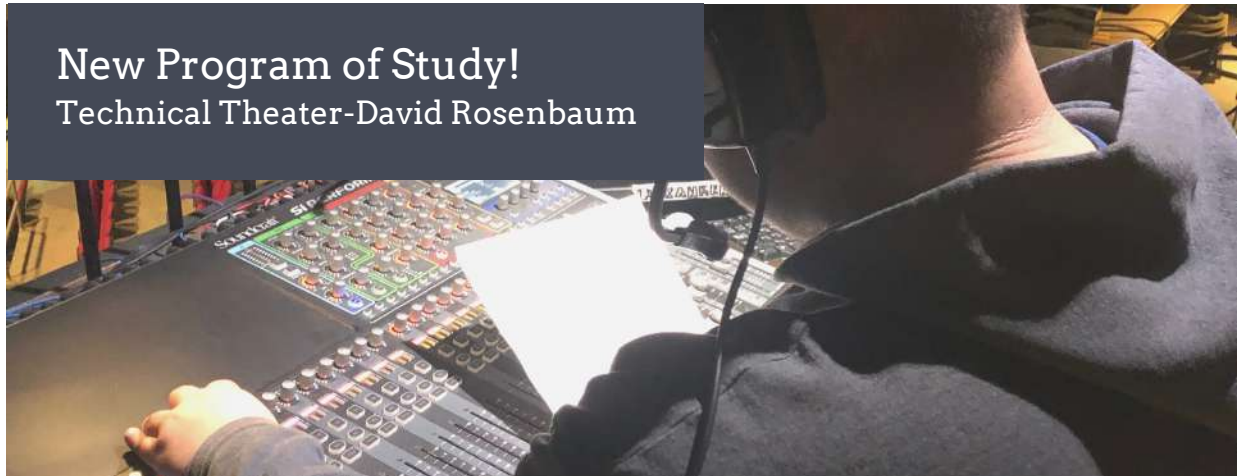
Automotive  
Business Management  
Computer Information Systems  
Construction  
Early Childhood Education  
Engineering  
Health Sciences  
Hospitality & Tourism (Culinary)  
Metals Manufacturing  
Natural Resources  
Technical Theater (NEW 2020-2021)

"For the class of 2018-2019, graduation hit 80 percent, up more than a percentage point over the previous year. However, those students who took a career and technical education course or enrolled in a CTE program did even better (88.9 percent and 93.5 percent, respectively)."

*Schaffhauser, D. (2020a). CTE Studies Boost High School Grad Rates in Oregon. The Journal, 1.*  
<https://thejournal.com/Articles/2020/02/20/CTE-Studies-Boost-HS-Grad-Rates-in-Oregon.aspx?>



## New Program of Study! Technical Theater-David Rosenbaum



CDL hasn't slowed down this new program of study!

Technical Theater has some exciting new technology and even higher expectations in their inaugural year. Their newest theater production, *War of the Worlds*, will be released in January. The entire production is being shot and edited using green screen technology.

*"Our upper-level students have been hard at work learning how to work with camera angles, film lighting, and set and prop design for the production, which is being shot entirely socially distanced and using green screen technology to create the illusion that actors are on location and in the same spot."*

*David Rosenbaum, Stagecraft Instructor*



*Example of a student  
scene design using new  
lighting software purchased  
to support learning  
in CDL*

Program courses: Stagecraft; Intermediate Stagecraft; Advanced Stagecraft & Design



## Metals Manufacturing Fir Ridge Campus-Michelle Colbert



*"The transition support and the relevant, hands on learning seem to be the most beneficial and engaging for our students."*

*Michelle Colbert, Industrial Arts Instructor*

For the Innovation Presentation project this year, students developed innovations and inventions from conceptualization phase, through the manufacturing cycle and finally to the pitch, where they shared their invention or innovation to a panel and asked for the researched amount of money needed to get their project funded.



*Left: Example of an earbud wrangler created during a CDL design challenge*

*Right: Example of student innovation project pitch*

### Marketing- Video Recording Glasses (VRG)

My slogan is "Let's Make Change to Stay Alive"

I will sell it in large chain store like Walmart and Target

The key demographic is mainly the BIPOC community and ages 15-55. It is for them to wear so they can quickly record what happens to them when they get pulled over or are in public so that they can share their perspective and people can see how it really is for them

This is an example of a magazine ad that I would use to market my idea.

EYEY GLASSES

BILT IN CAMERA

LOTS OF APPS

LONG LASTING BATTERY AND MORE

FREE DELIVERY

DDHS Instructor: Amanda Burns

Program courses: Design-Make-Create; Computer Design; Metals 1; Metals 2; Metals 3



## Engineering

DDHS Sebastian Petreus



*"We try to teach soft skills along with Engineering theories. We also try to develop responsible attributes and problem solving in students."*

*Sebastian Petreus, Engineering Instructor*



*Students test out an  
design in class last year*

This semester the Engineering students have been learning about flight and aerodynamics. To do this in CDL, they've been able to adapt their lessons to create and use materials that students have at home. For example, the class spent time learning how to construct paper airplanes then compared their at home "flights" to determine which designs flew further and why. The ability to keep the hands on projects is essential to CTE classes and learning.

When asked what students love the most, Sebastian says, "Hands on projects, and the correlation between hands on and science."

DDHS Architecture and Engineering Instructor: Trisha Fisher



## Early Childhood Education DDHS Valoree Hill



*"Those of us that teach in this program absolutely love what we teach and our students can tell. To work with children (of any age) you have to love what you do. That enthusiasm and passion is contagious and many of our students have gone on to work in the Early Childhood Education field because of our classes. Many have also learned some truths about themselves and what they really want to do. Both of those outcomes are important and can really help our students plan for their futures, both personally and professionally."*

*Valoree Hill, Early Childhood Education Instructor*

### **SAMPLE CAREERS**

Entry	Technical / Skilled	Professional
<ul style="list-style-type: none"> <li>Child Development Center Assistant Teacher</li> <li>Child Development Center Kitchen Manager</li> <li>Child Development Center Bus Driver</li> <li>School-Age After Care Provider</li> <li>Summer Program Counselor</li> <li>In-Home Daycare Provider</li> <li>Au Pair/Nanny</li> <li>Music and Dance Instructor</li> <li>Lifeguard</li> <li>Coach/Athletic Instructor</li> <li>Entertainer</li> <li>Children's Photographer</li> </ul>	<ul style="list-style-type: none"> <li>Doula</li> <li>Interpreter</li> <li>Child Development Center Lead Teacher</li> <li>Children's Book Author/Illustrator</li> <li>Educational Assistant</li> <li>Cruise Ship Child Care Provider</li> <li>Family and Human Services Employee</li> <li>Pediatric Certified Nursing Assistant</li> <li>Curriculum Designer</li> <li>Youth Probation Officer</li> <li>Emergency Services Provider</li> <li>Geriatric Care Provider</li> </ul>	<ul style="list-style-type: none"> <li>Director of Resort Activities</li> <li>School Administrator</li> <li>Teacher/Librarian</li> <li>Midwife/Certified Nurse Midwife</li> <li>Pediatrician</li> <li>Neonatal/Pediatric Nurse</li> <li>Pediatric Dentist/Orthodontist</li> <li>Social Worker</li> <li>Counselor/Therapist</li> <li>Psychologist</li> <li>Family Lawyer</li> <li>Early Intervention Specialist (PT/OT/Speech)</li> </ul>



*ECE students teach a science lesson to preschoolers*

**DDHS ECE Instructors: Connie Sloan & Raluca Dinca**



## Dual Credit in CDL DDHS



*I am so proud of our teachers for their continued commitment to providing our CTE students with dual credit opportunities -- at a time when many schools are suspending their CTE classes and articulations. Teachers are really thinking outside the box -- providing students with home kits; new software with hands-on capabilities; virtual career exploration -- and much more!!*

*Liz Bluhm, CTE Coordinator*

### **There are 69 CTE dual credits offered this year!**

David Douglas partners with Mt. Hood Community College, Portland Community College, Central Oregon Community College and Eastern Oregon University to provide dual credit opportunities for CTE students.

Click [here](#) to view the full list of courses at DDHS that offer dual credit.

