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Visit this link for an [Interactive Map of CTE Revitalization Grant Recipients](#)

### Athena-Weston School District

Weston-McEwen CTE Project

Project Manager: Laure Quaresma [Laure.Quaresma@athwest.k12.or.us](mailto:Laure.Quaresma@athwest.k12.or.us)

CTE Revitalization Grant: \$271,628

The Athena-Weston School District proposes to expand its CTE program and make it fully ADA accessible to meet the burgeoning demands for welding, fabrication, and agriculture, and to meet the Manufacturing Curriculum Program of Instruction and Pathway Standards. The proposed project will renovate the CTE areas of the Weston-McEwen High School to include an ADA restroom, enlarge doorways and internal pathways, add critical equipment and space, and add critical safety equipment such as eyewash stations and centralized instructor controls. Developing and sustaining industry partnerships to support student internships and consulting opportunities is a key component in achieving our vision, as is promoting underrepresented populations through innovative career and technical education programs.

### Bend High School

Bend High School Culinary Kitchen Upgrade and Food Truck

Project Manager: Molly Ziegler [molly.ziegler@bend.k12.or.us](mailto:molly.ziegler@bend.k12.or.us)

CTE Revitalization Grant: \$328,126

The Bend High School Culinary Arts Program, working closely with the Business/Marketing Program, proposes to upgrade the Culinary kitchen, develop two new CTE courses, modify curriculum to allow students to obtain an International Hospitality Certificate upon graduation, and better prepare students in both POSs for college or a career in the booming culinary/hospitality field in Central Oregon. Key elements of the proposal include: bringing the kitchen up to health code and creating a state-of-the-art culinary facility, a “capstone” project centered around a new Food Truck that will be designed and built in collaboration with other high school students in those respective classes; building strong partnerships with many local restaurants and suppliers; providing creative outreach and support for our underserved minority and low-income populations; and making enhanced connections all along the CTE pipeline (with feeder middle schools at the beginning and COCC Cascade Culinary Institute at the end). This proposal will cost \$341,507 (and brings \$39,500 in District and community match) while serving as a model for entrepreneurship, integration, and sustainability for other CTE programs around the state.

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### Bethel School District

CTE Cruise: Engaging and Inspiring Grade 8 Students to Pursue CTE Pathways

Project Manager: Brian Flick [Brian.Flick@Bethel.k12.or.us](mailto:Brian.Flick@Bethel.k12.or.us)

CTE Revitalization Grant: \$332,181

The primary goal of *Project CTE Cruise: Engaging and Inspiring Grade 8 Students to Pursue CTE Pathways* (Project CTEC) is to provide Grade 8 students within Bethel School District (BSD) with (a) information and experiential opportunities aligned to several of the CTE programs offered at Willamette High School (WHS) and (b) exposure to the same types of knowledge, skills, and activities they will experience should they choose to complete a CTE Pathway at WHS. Participation in the afterschool program will afford Grade 8 students an opportunity to learn more about the CTE Pathways, engage in hands-on, experiential learning, hear from guest speakers from our partner organizations, and participate in field trips to these partner organizations to learn more about how the foundational skills acquired in the CTEC program and the later CTE pathways are used in high wage and high demand occupations throughout Lane County.

### Cascade School District

Camp for Trades and Exploration – “CTE Junior”

Project Manager: Lisa Iverson [liveron@cascade.k12.or.us](mailto:liveron@cascade.k12.or.us)

CTE Revitalization Summer Grant: \$45,000

Cascade School District will host a free, five-day camp for students entering 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grades. The Camp for Trades and Exploration – or CTE Junior – will introduce students to the classes, careers, and skills associated with the trades. The objective of CTE Junior is to expose middle school students to potential careers in the trades and familiarize them with CTE classes offered at the high school.

Students will engage in fun-filled learning activities and complete “hands-on, minds on” projects that include information related to manufacturing, health care, construction, electrical systems, agriculture, and robotics. Activities will provide exposure to careers in fields experiencing both high demand and high wages in our region. The experience will include field trips to local industry in our area so students realize the potential to a solid career path right in our own backyard.

The program offerings perfectly match the direction of Cascade High School’s expanded CTE classes, as industry standard machines and information are infused into the CTE curriculum.

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### Center for Advanced Learning

Updraft to Apprenticeship

Project Manager: Carol Egan [egan4@calcharter.org](mailto:egan4@calcharter.org)

CTE Regional Revitalization Grant: \$430,493

The ODE Revitalization Grant Project, *Updraft to Apprenticeship*, will be used to scale up new, sustainable partnerships and systems at the Center for Advanced Learning (CAL). The project will improve the pathways for female, economically disadvantaged, culturally diverse, and other underserved student groups in middle and high school to access high wage and high demand career pathways through participation in skill development, real work problems, mentorships, and projects. Two key industry needs have been identified: product design and development and cybersecurity. Our critical partners include Self Enhancement, Inc., Gresham-Barlow School District, Adidas, KCR Manufacturing, Metropolitan Family Services, Treehouse, and Mt. Hood Community College. Our community, education, and industry partners will collaborate to develop and implement year-long classes, summer camps, credit recovery, certification, work-site learning opportunities such as job shadowing and paid summer internships, and tuition-free college credits. All efforts will lead toward the development of youth apprenticeships. Equipment upgrades and collaborative professional development opportunities will align with cutting-edge advances and standards in the identified industries.

### David Douglas School District

Design, Create, Make! Middle School Summer Camp

Project Manager: Linda Vancil [linda\\_vancil@ddsd40.org](mailto:linda_vancil@ddsd40.org)

CTE Revitalization Summer Grant: \$44,506

In 2017, David Douglas High School (DDHS) piloted a CTE middle school intensive summer camp, “3-3-3.” Fifty-nine students from the District’s three middle schools experienced three days of hands-on career exploration through three CTE Programs of Study (Hospitality and Tourism Management, Computer Information Technology, and Manufacturing).

DDHS will replicate and expand the intensive camp, increasing it to four days, with five instructors serving 160 middle school students over the summers of 2018 and 2019 (after the school year but before June 30). In this new “**Design, Create, Make!**” camp, students will rotate through four workstations using the high school curriculum, modified for this younger group. The Makerspace creates career pathways from all nine of our CTE programs to high wage and high demand careers (e.g. architects, engineers, and computer operators). Construction Technology is a new addition to the camp and is a pathway to high wage and high demand occupations such as carpenter, building inspector, and equipment operator. Introduction to Restaurant Management and Hospitality, and Culinary Arts I and II, are career pathways to Food Service Manager and Lodging Manager.

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## Dayton School District

Innovate Dayton

Project Manager: Jami Fluke [jami.fluke@dayton.k12.or.us](mailto:jami.fluke@dayton.k12.or.us)

CTE Revitalization Grant with Summer Program: \$418,829

In Dayton Pirate Nation, we desire to empower students with technical and creative problem solving skills to better meet the needs of our community and to positively impact the local, regional, and state economy. Dayton is expanding its nationally-recognized agriculture program by adding state-of-the-art mechanical design and metal fabrication centers where the creative industry of innovation allows students to utilize real-time data, technology, and analytics to meet the challenges of Precision Agriculture. Within robust learning environments, students will work alongside mentors to solve real-world problems, meeting the demands of business and industry leaders in the ever-evolving economy of innovation.

Our CTE Revitalization proposal is bold, with potential to be a model for others. We are moving forward in partnership with our community and industry to ensure that students learn new skills, discover talents, and solve problems while demonstrating preparedness for high wage and high demand jobs of the future. The economic well-being of rural communities, like Dayton, is our inspiration in charting this audacious new course.

## Douglas ESD

Douglas Healthcare Career Pathways Program (DCHCP)

Project Manager: Analicia Nicholson [Analicia.Nicholson@douglasesd.k12.or.us](mailto:Analicia.Nicholson@douglasesd.k12.or.us)

CTE Regional Revitalization Grant: \$432,367

Healthcare industry leaders, educators, and other community partners in Douglas County have teamed up to create the Douglas Healthcare Career Pathways Program. This program was designed in response to significant need for skilled health workers. The program will train existing educators in the 13 local school districts to teach a two-year healthcare career curriculum to a demographically diverse body of high school students in Douglas County. The coursework will culminate in a Basic Allied Health Career Pathway Certificate (BAHCP) at Umpqua Community College. In addition, the steering committee of community leaders is invested in developing a pre-nursing career pathway for high school students and added activities exposing middle school students and their families to health careers. The program includes access to health care internships and job shadows, providing students a robust introduction to local healthcare career opportunities. The program changes how CTE is currently being provided in the county by increasing dual credit programs, changing perceptions of CTE in the county, increasing exposure, and creating connections for students and their families, ultimately addressing healthcare professional shortages.

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### Forest Grove High School

Forest Grove High School Mechatronics Pathway

Project Manager: Karen O'Neill [koneill@fgsd.k12.or.us](mailto:koneill@fgsd.k12.or.us)

CTE Revitalization Grant with Summer Program: \$434,387

In an innovative partnership with Portland Community College's Microelectronics/ Mechatronics programs and industry and community partners in Washington County, Forest Grove High School (FGHS) aims to create a Mechatronics Career Pathway that provides students a springboard into the local semiconductor manufacturing, engineering, technology and electronics workforce with clear and accessible paths to career and education progression. A middle school Mechatronics Camp will build interest for the high school pathway. The Mechatronics Pathway expands our existing Introduction to Engineering course to introduce mechanical/electronics systems with engaging, hands-on curriculum, experiential learning using state-of-the-art robotics equipment, and rigorous alignment with embedded science standards. Students can earn nine fully-articulated credits toward an Associate of Applied Science: Microelectronics Technology degree at PCC. Our community partners have committed to give our diverse body of historically underserved students the access and opportunity to gain employment in high demand fields in their local area, and contribute to economic development by growing local workers in high wage, rapid-growth industries such as semiconductor manufacturing, the largest private industry in the state of Oregon.

### Helensview School

Blazing the Way: Phoenix Industries

Project Manager: Dan Cohnstaedt [dcohnsta@mesd.k12.or.us](mailto:dcohnsta@mesd.k12.or.us)

CTE Revitalization Grant: \$336,286

For the past 20 years, Helensview School has blazed a path for hundreds of Portland area 6-12th grade students that have been unsuccessful in traditional school settings. Each Helensview student possesses a unique story, but what all Helensview Phoenixes share is the desire to rise above the ashes of their personal and financial circumstances and blaze a better and brighter future. This can be challenging because the typical Helensview student is not what prospective employers consider an ideal employee. If given the skills and the opportunity, they can be that ideal employee. This proposal actively supports changing those misconceptions by enabling more Helensview students to pursue multiple pathways to high wage and high demand careers, providing dual credit courses, connecting students with industry partners/potential employers, and developing entrepreneurial skills. Presently, Helensview provides quality culinary and manufacturing programs of study, but is constrained by a lack of industry infrastructure. This proposal supports increasing capacity to offer industry-ready technical skills and experiential opportunities in those key areas.

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### Hillsboro School District

Bioscience Technologies Program

Project Managers: Brooke Nova and Brian Pendergrass [novab@hsd.k12.or.us](mailto:novab@hsd.k12.or.us)

CTE Revitalization Grant with Summer Program: \$434,675

Hillsboro School District aims to grow a premier Bioscience Technologies program at Hillsboro High School (HilHi) to introduce students to the world of modern biological research, the possible impacts on society, and career pathways in the growing biotech field. In partnership with the Bioscience Technologies program at Portland Community College, the HilHi Bioscience Technology Career Pathway will allow students the opportunity to articulate up to 19 college credits. Through the expansion of this pilot program, Hillsboro will offer at least 240 high school students multiple pathways to post-secondary success: 1) graduating from high school and immediately entering the workforce in the field of biotechnology; 2) graduating from high school and pursuing an Associate's Degree; or 3) graduating from high school and enrolling in a four-year college or university. All three of these possibilities promise jobs that are high wage and high demand in the growing biotechnology industry.

### Jefferson County School District

Warm Springs and Madras: Middle School to High School CTE Pathway Focused on Underrepresented Minorities

Project Manager: Ken Parshall [kparshall@509j.net](mailto:kparshall@509j.net)

CTE Revitalization Grant with Summer Program: \$436,286

The Confederated Tribes of Warm Springs, Warm Springs K-8 Academy, and Madras High School CTE Pathway will provide a channel for preparing tribal students to participate in Madras High School's CTE program and revitalize the Madras High School CTE programming to bring it up to present day standards and fully enable its large population of underrepresented minorities to be competitively trained for success in Oregon's growing manufacturing industry. Introduction of CTE instruction within Warm Springs K8's pre-engineering program will increase students' confidence and amplify their knowledge so they may more successfully engage in hands-on technical projects as they proceed toward Madras High School. Through the CTE Revitalization Grant, Madras High School CTE Teachers will have expanded capacity through integration of added manufacturing technology, computing hardware, and software. The effort will enable an expanded internship program involving Warm Springs Tribal Enterprises that includes Warm Springs Power, Warm Springs Telecom, and Warm Springs Unmanned Aerial Systems (drone) Test Range. Graduating students will have the technical knowledge and confidence to be successful in careers available in central Oregon, and can serve as role models for future generations.

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### Joseph Charter School

Joseph Charter School New Heights Aviation Center

Project Manager: Tobin Koehn [toby.koehn@staff.josephcharter.org](mailto:toby.koehn@staff.josephcharter.org)

CTE Regional Revitalization Grant: \$431,162

In the development of our technology and our world, STEM programs are key. One of these highly important programs is aviation. We, the Joseph Charter School, understand this importance and want to develop a higher level aviation program to benefit our community and the aviation industry. For our project we will be building a 6,400 square foot hangar and learning facility at our local airport. This center will be open for use by students from three local school districts to gain greater understanding about the aviation industry and the opportunities that it holds. Not only will our facility have the ability to house a plane for students to learn and practice on, it will have a classroom and simulation lab in which to start the curriculum. The addition of the advance center will allow greater opportunities for those students interested in careers in the aviation industry to smoothly and easily transition into college and the work force. As job opportunities continue to open in this field, increased education and job readiness is a vital step.

### Junction City High School

Junction City High School Culinary Arts Revitalization

Project Manager: Dina Marschall [dmarschall@junctioncity.k12.or.us](mailto:dmarschall@junctioncity.k12.or.us)

CTE Revitalization Grant: \$336,286

The Junction City High School Culinary Arts Program is thriving, limited only by facilities and equipment that – due to age and condition – prevent program expansion and college articulation agreements which allow students to receive college credit for cooking courses taken at Junction City High School. Receipt of this CTE Revitalization Grant, along with leveraging Measure 98 and General Fund dollars, will allow for a complete renovation of the Culinary Arts classroom, as well as equipment upgrades at every work station. Without these grant funds, such an upgrade would not be possible.

The impact of this investment will be realized by JCHS students immediately upon completion of construction; revitalized facilities will support increased student enrollment in Culinary Arts classes each period as well as allow for additional articulation agreements, resulting in a substantial increase in the overall number of college credits available to Culinary Arts students.

Additionally, students will have the opportunity to participate in a Culinary Arts related CTSO, with the affiliation of a Family, Career and Community Leaders of America Chapter beginning in 2018.

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### Lake County School District

Revitalization of Welding and Small Engines

Project Manager: Will Cahill [cahillw@lakeview.k12.or.us](mailto:cahillw@lakeview.k12.or.us)

CTE Revitalization Grant: \$336,286

In 1947, Lake County School District built a state-of-the-art metal shop. Seventy years later, the building needs revitalization. The revitalization funds will improve the building to serve a greater number of the diverse population that has interest in the areas of welding and small engines. In addition, the grant will increase program quality for the mechanical units in the Lakeview High School agriculture curriculum. Specifically, the building needs power, ventilation, and equipment from this grant. Lake County School District will provide additional space for small engines and our industry partners will provide mentorships and expertise to expand, build, and connect programs to students. Outcomes of this grant are to expand welding enrollments to 100; the current enrollment is 58 in a school of 242. Moreover, this grant will create connections between our students with 60 mentors that will increase participation in high wage and high demand career pathways. The grant will target the underserved, students of poverty, and at-risk enrollments in the Lakeview High School alternative program, which is now on the Lakeview High School site.

### La Pine High School

La Pine High School Manufacturing and Construction Technology (MCT)

Project Manager: Matt Montgomery [matt.montgomery@bend.k12.or.us](mailto:matt.montgomery@bend.k12.or.us)

CTE Revitalization Grant: \$334,715

Manufacturing and Construction Technology (MCT) is an exciting new CTE Program of Study designed to introduce and provide 21<sup>st</sup> century skills to La Pine High School students in high wage and high demand occupations in these two booming industries in Central Oregon. In addition to a complete overhaul of the metals and wood shop, 6 new courses will be developed (Including two PLTW Engineering offerings) that introduce – and help students to become proficient in – manufacturing, metalworking, framing, electrical, plumbing, CAD, engineering, design, and robotics. A new semester-long capstone project will provide opportunities for apprenticeships and/or paid positions on local job sites. Partnerships have been formed with several of the largest homebuilders and construction companies in the region, including Central Oregon Builders Association (COBA). Underserved students are supported by an existing 9<sup>th</sup> grade Academy, the school's Future Center and Career Transition Program, and Paths 2 the Future. This proposal will cost \$340,612 (and brings \$18,000 in District and community match) while serving as a model for entrepreneurship and integration for the south county region.



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### Lincoln City Career Technical High School

Coastal Drone Academy

Project Manager: Sean Larsen [slarsen@communityservices.us](mailto:slarsen@communityservices.us)

CTE Revitalization Grant: \$336,286

Through funding provided by the CTE Revitalization Grant, Career Tech High School proposes to: 1) expand a recently created Program of Study in Marine Environmental Services and Natural Resource Management, specifically through its Coastal Drone Academy; and 2) launch an additional Program of Study in Arts, Information and Communications through a Digital Film Productions sequence of courses. The proposed program targets and enrolls underserved students in training for high wage and high demand occupations, provides additional supports in key areas to ensure student success, and leverages significant industry, community, and post-secondary partnerships to inform and guide the program.

Unmanned Aerial Systems (UAS)—or drones—are part of an exciting and emerging industry. The proposed program prepares students through experiential learning to use UAS in a variety of real-world applications and to learn the related skills that prepare them for work. Arts, Information and Communications similarly engages students in experiential learning, creates cross-over applications to the Drone Academy through video and editing, and prepares students to access a wide range of advanced training and job opportunities.

### McMinnville School District

CTE Seminar Project

Project Manager: Stephanie Legard [slegard@msd.k12.or.us](mailto:slegard@msd.k12.or.us)

CTE Revitalization Grant with Summer Program: \$283,711

The McMinnville School District CTE Seminar Project will engage 6th - 9th grade students in experiential learning focused on the construction trades: electrical, plumbing/mechanical, design and engineering, HVAC, metalwork and fabrication, construction, and carpentry. In addition to hands-on learning, students will explore societal issues related to affordable housing, sustainable building, green energy, and related topics. The construction trades provide high wage careers that are in high demand in the mid-valley, due to an aging workforce in which 61% of tradespeople in Yamhill County are 55 or older.

The project is designed to expand and grow three existing CTE Pathways at McMinnville High School—construction, fabrication, and engineering—while developing a more diverse pipeline of students prepared to enter the construction trades. The project will feature school-day coursework and expanded learning opportunities (afterschool, Saturday seminars, and summer seminars). By giving students access to high-quality, occupation-directed training, the project will improve academic performance, attendance, and engagement, while increasing student interest in pursuing construction trades careers.

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### Mt. Angel School District

Building Opportunities by Local Design (BOLD)

Project Manager: Troy Stoops [stoops\\_troy@mtangel.k12.or.us](mailto:stoops_troy@mtangel.k12.or.us)

CTE Revitalization Grant: \$283,993

The Building Opportunities through Local Design (BOLD) program is a sustainable project aligned with the Mt. Angel School District's strategic plan to ensure all students graduate with twelve college credits and six career/technical education credits. The BOLD program provides an **innovative** CTE program that incorporates real-world work experiences through semester-long Cooperative Work Experiences (CWE) with our local community partners.

Activities will begin in middle school with visits to local partners to highlight key components and job skills aligned with current learning objectives in the students' courses. The culminating high school activity is a semester-long work experience that integrates core academic courses, CTE courses, and foundational work skills with a meaningful career-related experience.

**Integration** of Career Related Learning Experiences (CRLEs) embedded within elementary, middle, and high school core academic content will provide students an age-appropriate, integrated understanding of how their assignments lead to real-world practice. The aligned curriculum, with CRLEs embedded within core academic content, leads to Cooperative Work Experiences and provides pathways that guide students toward **high wage and high demand occupations**.

### North Bend School District

North Bend Trades Center

Project Manager: Bill Lucero [blucero@nbend.k12.or.us](mailto:blucero@nbend.k12.or.us)

CTE Revitalization Grant: \$336,286

The North Bend School District (NBTC) recognizes the need to support our students in achieving graduation with the academic and workforce skills needed to obtain positions in the high wage and high demand field of construction trades. To that end, the district is excited to develop a program that will provide students with training and experiences in the field while embedding the components of reading, writing, math, and soft skills into the training program to ensure that students are ready for the next step in their lives.

NBTC is dedicated to equipping students with the various skills needed to succeed in the construction and building fields. Throughout the training program, opportunities will be provided to visit active jobsites, tour local businesses, and network with business leaders in our community. In addition, partnerships with our community college and local tradesmen will allow for apprenticeships. Ultimately, by producing a well-developed workforce, NBTC will help ensure that students have the necessary skills to transition to post-secondary training opportunities and/or straight into the workforce as qualified job candidates.

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### North Marion High School

North Marion Habitat Partnership

Project Manager: Sherie Moran [sherie.moran@nmarion.k12.or.us](mailto:sherie.moran@nmarion.k12.or.us)

CTE Revitalization Grant: \$75,615

The North Marion Habitat Partnership program connects the community's need for affordable housing with student training for high wage and high demand construction jobs. This project engages a variety of partners in community development and teaches student leaders how for-profit businesses, non-profit organizations, and volunteers collaborate to improve the social and economic foundations of a community through home ownership. In this mutually beneficial and sustainable model, students fundraise for Habitat for Humanity through sponsored work-day events and Habitat for Humanity provides job sites, education, mentors, and job shadows. Habitat's Women's Build projects provide a non-traditional component for sustained support and encouragement for female students. The M98-funded North Marion High School Career Counselor and Outreach Coordinator (Bilingual) will invite students and inform families how to enroll, earn college credits, learn about trade careers, experience different roles, and learn about community development and management of non-profits. In school, students participate in a new Construction Program of Study and manufacture cabinets; items will be labeled "Made by North Marion Students - North Marion Habitat Partnership."

### North Santiam School District

North Santiam Pathways to Health

Project Manager: Alan Kirby [alan.kirby@nsantiam.k12.or.us](mailto:alan.kirby@nsantiam.k12.or.us)

CTE Revitalization Grant with Summer Program: \$376,286

Biomedical and Health Sciences as a Career & Technical Program of Study (CTE) is coming to North Santiam School District! With our community partners and a CTE Revitalization Grant from the Oregon Department of Education, we plan to expand our career and technical course options with the addition of a Biomedical and Health Sciences curriculum. Beginning in middle school and continuing through high school, our project-based learning will bridge the gap between middle and high school. Students engaged in interdisciplinary, experiential, and in-depth study of compelling topics will see a range of paths and possibilities they can look forward to in high school and beyond, prepared for success in high wage and high demand careers that have incredible growth potential, yet remain relevant to our local community. Our middle school summer boot camp will give students an opportunity to explore career pathways in all four of our CTE Programs of Study. These efforts will help fill significant health care gaps, strengthen our local economy, and develop our future leaders, helping ensure community growth and prosperity.

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### Perrydale School District

Designing the Future of Agriculture  
Project Manager: Christina Lorenz

[clorenz@perrydale.k12.or.us](mailto:clorenz@perrydale.k12.or.us)

CTE Revitalization Grant with Summer Program: \$372,286

The Designing the Future of Agriculture project is designed to provide students with rigorous and relevant learning opportunities within the high wage and high demand areas of agricultural business, construction, and fabrication. As part of this project, students will be put in charge of managing an agricultural construction and fabrication business, starting with marketing and sales, through design, fabrication, and finishing. Students will work with industry professionals through internship opportunities and classroom visits to gain first-hand knowledge of the exciting careers found in agriculture and construction.

### Prairie City School District

Prairie City Agricultural Science and Technology Center  
Project Manager: Lindy Cruise

[cruisel@grantessd.k12.or.us](mailto:cruisel@grantessd.k12.or.us)

CTE Revitalization Grant: \$336,286

Prairie City School District #4's Agricultural Science and Technology Program is seeking grant funding to update and enhance its land lab space to engage students (grades K-12 and beyond) in relevant and exciting learning opportunities and to prepare them with the professional and personal skill sets needed to become successful in the high wage and high demand career areas within agriculture and natural resources. Grant funding will directly transform the district's Agricultural Science and Technology's (AST) five tax lot land laboratory by renovating potentially hazardous, outdated, and unutilized facilities and property. Specifically, the proposed project will create a working animal science facility, industry recognized greenhouse, and up-to-date fabrication equipment in the metal and wood shop, providing opportunity for active learners to practice real life management and technical skills necessary to be successful in the workforce. Students' learning outcomes will be enriched with the collaboration of our business and industry partners through localized internship opportunities, skills development, and mentorships, through practical applications of the skill sets being learned.

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### Roseburg High School

Expanding Horizons

Project Manager: Sheri Carson [scarson@roseburg.k12.or.us](mailto:scarson@roseburg.k12.or.us)

CTE Revitalization Summer Grant: \$99,999

Our goal for the Expanding Horizons education-to-career initiative is to serve 300 middle school youth, engaging them in career experiences and helping to motivate them toward graduation and the development of skills for local high wage and high skill jobs.

We will continue current camps, and expand options in two ways: 1) add camp experiences for students in the areas of Business and Natural Resources; and 2) bring camps offered in previous summers to outlying communities to better serve youth in south and north county. Currently, CTE offerings at the middle school level are not available to students in Douglas County. The camps will engage students through hands-on experiences, introduce them to various related career options through field trip visits, and expose them to education opportunities at Umpqua Community College. Several programs such as Natural Resources, Engineering/Computer Sciences, and Business are articulated with Oregon universities. We will also provide each student with information about related CTE Programs of Study and career pathways at each high school in the county with specific information regarding dual credit courses.

### Salem-Keizer School District

Roadmap for Success

Project Manager: Jim Orth [orth\\_james@salkeiz.k12.or.us](mailto:orth_james@salkeiz.k12.or.us)

CTE Revitalization Summer Grant: \$98,885

CTE - Roadmap to Success is an immersive and unique summer program which we have operated for the past two summers through a prior ODE CTE Summer Camp Grant. Students will engage in one of nine camps through six content strands intentionally designed for their connection to existing and planned CTE programs in SKPS and in response to the strength and projected growth in high wage and high demand jobs in our region. Current high school and middle school teachers will operate our camps to highlight the career pathways students can enter at the high school level to gain professional and technical skills. The camps may include Digital Arts, Culinary Arts, Emergency Services, Health Occupations, Construction/Manufacturing, Automotive, or Business/Marketing.

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### Scappoose High School

Scappoose High School Innovation Center

Project Manager: Ron Alley [ralley@scappoose.k12.or.us](mailto:ralley@scappoose.k12.or.us)

CTE Revitalization Grant with Summer Program: \$423,455

Scappoose School District, in partnership with Portland Community College (PCC), local industry, and community leaders, proposes the *Scappoose High School (SHS) Innovation Center* project. A five-course Engineering Program of Study will create an innovative career and technical education pathway for students to prepare for and enter local high wage and high demand occupations. The *SHS Innovation Center* will educate 80 Scappoose High School students per year in these areas: 2-D and 3-D engineering (drafting, software, output, etc.); innovation and entrepreneurship; research and design focused on materials, methodology, and sustainability; and internships. Focused planning with guidance counselors, intentional use of role models and Family Open Houses will help increase enrollment, support, and retention of all students, including historically underserved students. The project creates a pipeline for Scappoose students specifically, but Columbia County students more broadly, into the apprenticeship program with the Oregon Manufacturing Innovation Center (OMIC). OMIC is a partnership with Boeing, Scappoose School District, community leaders, Portland Community College, and many local industry partners; it will provide significant student access to equipment, expertise, and industry involvement.

### Southern Oregon ESD

Southern Oregon Air Academy Partnership Project

Project Manager: Daniella Bivens [daniella\\_bivens@soesd.k12.or.us](mailto:daniella_bivens@soesd.k12.or.us)

CTE Revitalization Grant: \$382,226

*Southern Oregon Air Academy Partnership Project (SOAA-PP)* is designed to ignite the interest of a diversity of middle and high school students in pursuing aviation sciences, aerospace engineering, and related CTE/STEM subjects. Collaborating with industry stakeholders and area non-profits, SOESD and its education partners will create after school, 10-week long camp experiences led by teachers to be trained in Project Based Learning (PBL) methods. Simultaneously, PBL-trained educators collaborating in their Professional Learning Communities with college faculty will work to align project lessons with STEM/CTE content standards and classroom work to ultimately lay the foundation for building pathway(s) leading to the formation of a new programs of study in aviation engineering and sciences. With access to PBL-trained instructors, high-tech equipment, and industry experts, students will engage in rigorous, real-world lessons, career exploration activities, and even regional robotics or drone competitions, fueling their excitement for continued participation in the district's various CTE/STEM camp offerings and in the pursuit of high wage and high demand jobs throughout the region and beyond.

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## Southridge High School

Embrace, Inspire, Empower - CTE Opportunities for All

Project Manager: Jacob Small [jacob\\_small@beaverton.k12.or.us](mailto:jacob_small@beaverton.k12.or.us)

CTE Revitalization Grant: \$317,286

Southridge High School will enhance an existing Information Technology Program of Study and will create a new Engineering Program of Study designed to engage historically underserved students in career pathways leading to high wage and high demand jobs in computer science and engineering fields. Pathway courses and experiences will align with industry requirements, carry dual credit, articulate to various PCC certifications and AA degree programs, and provide a foundation for four-year university professional programs in computer science and engineering. High school students will recruit middle school students to the new pathway through in-classroom, hands-on activities at the middle schools. High school students will participate in work-based activities, job shadows, and internships through industry partners.

## Waldport High School

Full STEAM Ahead 2.0

Project Manager: Melissa Steinman [melissa\\_steinman@lincoln.k12.or.us](mailto:melissa_steinman@lincoln.k12.or.us)

CTE Revitalization Grant: \$335,459

Waldport High School expands its CTE Program with a new Visual Design and Communication Career Pathway, new industry certifications, and a strong middle school CTE introductory path. Enhancements in Manufacturing and Fabrication, Coastal Tourism and Marketing, and Fire and Emergency Response raise the rigor and create new opportunities for students. *Full STEAM Ahead 2.0* highlights a vision to improve equity and education through experiential learning. It deeply integrates STEAM (**S**cience, **T**echnology, **E**ngineering, **A**rts, and **M**athematics) into CTE, and incorporates CTE across all academic areas. High school students will solve design problems that address community needs, earn certification in firefighting and emergency response strands, and create student-run businesses for sustainability. Middle school students will learn fundamentals of each CTE Program of Study with hands-on, authentic projects, preparing them for academic achievement at high school. Students will receive experiential training and mentoring that will prepare them for high wage and high demand occupations. The project will directly address barriers to equity in CTE and improve future prospects for underserved students, while seeking to improve the economy of our Central Coast community.

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## Warrenton High School

Revolutionizing CTE with Warrenton Technology Center

Project Manager: Josh Jannusch [jannuschj@warrentonk12.org](mailto:jannuschj@warrentonk12.org)

CTE Revitalization Grant with Summer Program: \$436,286

Warrenton High School will use CTE revitalization funds to provide legitimate, cutting edge, and essential regionally-specific scientific exploration to develop skills within CTE programs for high wage and high demand fields. The Warrenton Technology Center will provide students and teachers an integrated 21<sup>st</sup> Century Standards-based educational experience. Our idea brings together students, teachers, middle/high school administrators, businesses, industries, and community colleges to provide high quality career technical education.

The project is truly a “CTE revitalization” for our school and community, as our CTE programs were cut in the late 1990s due to budget constraints. These funds will help us provide not only the space needed, but also the resources to build and expand our classes into programs that will fill the huge gap left by the loss of programs long ago. Our grant will help us establish an automotive technology, manufacturing, and natural resources program of study. Students at Warrenton High and Middle School will be able to take part in CTE classes without leaving campus, facilitating their development of career ready skills.

## West Linn-Wilsonville School District

Engineering & Multimedia Design Project

Project Manager: Barbara Soisson [soissonb@wlwv.k12.or.us](mailto:soissonb@wlwv.k12.or.us)

CTE Revitalization Grant with Summer Program: \$422,715

The vision for this Revitalization Grant project is to expand the CTE programs at West Linn High School and create new pathway courses and co-curricular opportunities for students throughout the West Linn-Wilsonville School District. We will do this in three ways. The first is to create a Multimedia Production Studio for our CTE Journalism, Publishing, Broadcasting, Web Page, Digital/Multimedia, and Information Resources Design Programs. The second is to expand our CTE Engineering program by equipping a fully functional state-of-the-art engineering lab. The third focus is to increase enrollment and pathway completion of students in CTE programs – particularly those who have been historically underserved by our systems – through middle school recruitment and summer CTE/STEM camps aimed at growing interest and expertise in these career areas.