

Administrator:

Notes and
rankings for the
proposed
projects:

Reminders on the use of Perkins \$

Statement/Rationale:	Perkins Allowable - Yes or No	Why?
We want to purchase X because X broke/wore out	No	Perkins can not supplant or maintain existing equipment
We want to purchase X to replace Y because Y is no longer in line with industry standards	Yes	Updating to the latest industry standard equipment is almost always going to be an easy pass - this is one of the core functions of Perkins \$.
We need to spend Perkins \$ to do electrical, gas line, or other infrastructure upgrades so that X will work	No	Perkins can not pay for building alterations or installation services. However - vendors may be willing to bundle the cost of installation into the delivery cost or install for free if you purchase more items.
Our program has expanded enrollment, so we need more X to serve more students	No	Perkins purchases can not simply expand bandwidth - Perkins purchases must be focused on expanding the range of learning targets students can possibly achieve.
We have two CTE programs that want to share or jointly purchase X	Yes	As long as both programs are Perkins supported CTE programs, this is fine.
Can a non-CTE program use equipment paid for with Perkins?	Yes-ish	Non-CTE programs may have access to CTE equipment, but any CTE demands must take priority. For example, a CTE computer lab may be used by English classes as a writing lab if all CTE demand has been met. Highly recommend having a plan written and in place in advance for which program will cover repair and maintenance costs for equipment. Perkins \$ can not be used to repair or replace existing equipment.
Can a CTE program that jointly purchase X in conjunction with district funds?	Yes, but	Using Perkins \$ in conjunction with district funds is allowable, but the items purchased are considered Perkins/CTE purchases. This means they are subject to Perkins guidelines and regulation regarding repair, supplanting, maintenance, inventory control, etc.

1	School: Canby HS	Program: Agriculture and Natural Resources
	Teacher/Contact: Terri Cummings cummingt@canby.k12.or.us	Date: 4/10/2019 16:15:14

Provide a brief description of the project. What are you proposing to do?	As the Food: From Field to Table class continues to mature, the class is being created to be able to articulate with the Horticulture Practicum class at CCC. The shortfall for this class is the parts associated with the Greenhouse growing. The class is now using the greenhouse, but adding the use of a printable tagger would move this class one step closer to articulation. The printable tagger proposed would be similar to the one at CCC, but not identical. It is a smaller, less expensive model. This would allow the students to see how tags are printed so if they were able to get a job in a nursery, they would be familiar with the workings of a printable tagger.
List the total dollar amount you are requesting in this proposal.	\$1,557.24
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	<p>Currently the students must hand write on a plant tag for each plant of the variety that they are growing. Once the tag is written on, if a spelling mistake is made, it is difficult to detect. Then is is compounded when multiple tags need to be made. Using this software, those students that have difficulty writing using the china markers on the plant tags will be able to print out their tags. Before their tag(s) are printed, accuracy of the information on the tag could be reviewed, thus eliminating the misspellings of the plant names. There are two outcomes -</p> <ol style="list-style-type: none"> 1. Elimination of misspellings and illegible handwriting on plant tags. 2. Increase use of technology in the classroom for the use of making plant tags. <p>These will be measured by:</p> <ol style="list-style-type: none"> 1. Looking at the plant tags to see if there are misspellings prior to being printed on the printer as it would be done in the nursery industry. 2. Having each students print their own plant tags will give each student an opportunity to use the technology associated with this printable tagger giving them another nursery skill.

1	School: Canby HS	Program: Agriculture and Natural Resources
	Teacher/Contact: Terri Cummings cummingt@canby.k12.or.us	Date: 4/10/2019 16:15:14

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	<p>The grants will become available in June.</p> <p>Purchase the materials as soon as funds are available.</p> <p>Printable Desktop Thermal Printer</p> <p>Printable Tags</p> <p>Thermal Ribbon</p> <p>Spindle for the printer</p> <p>Fall Tri - use of printers for making tags for gardens</p> <p>Winter Tri - use of printers for making tags for seed trays and 2 inch pots</p> <p>Spring Tri - use of printers for 4 inch squash plants and gardens.</p>
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	<p>All items will be purchased from OBC in Canby so there will be no shipping costs.</p> <p>Thermal Tagging Printers -- $\\$597.15 \times 2 = \\1194.30</p> <p>Thermal Ribbons (2 for each) - $\\$22.13 \times 4 = \\88.52</p> <p>Spinals (1 for each printer) - $\\$29.55 \times 2 = \\59.10</p> <p>Tags (2 rolls for each printer) - $\\$53.83 \times 4 = \\215.32</p> <p>Total for all -----$\\$1557.24$</p> <p>The laptop computers needed to run the software were purchased in a previous grant.</p>
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	<p>Clackamas Community College</p> <p>OBC Northwest</p> <p>Smith Gardens</p> <p>Yearly meeting at CCC - looked at things they were using to improve program.</p> <p>Toured Smith Gardens in Aurora to see their technology.</p> <p>Communicated the needs to OBC, that helped to determine actual thermal printer that would work with our current technology.</p>

2	School: Clackamas Community College, Oregon City HS	Program: High School Automotive Program at Clackamas Community College AM-1 00 Automotive
	Teacher/Contact: Tom Landeen, Wryann Van Riper laura.lundborg@clackamas.edu	Date: 4/12/2019 16:10:04

Provide a brief description of the project. What are you proposing to do?	We are proposing to acquire additional tools for the 3 High School programs listed above at Clackamas Community College. Our students need to familiarize themselves with the modern equipment that is out in the Automotive and Small Engine industry today . Cars have become more computerized in the last two decades. A great deal of technical data is needed along with proper diagnostic scan tools . Students will have access to the latest information about the new technology and industry recognized diagnostic strategies at their fingertip in the shop area. This data currently can only be accessed outside the classroom in a computer lab. These notebooks will allow students to have access to data networks currently available through subscriptions paid by the automotive department. This will make them more hireable and successful right from the very beginning by learning an efficient method of auto repair. A detailed list is attached to this proposal. Other tools proposed in this grant are to help us in regards to diagnostic skills, process, professionalism, and protection of requested tools.
List the total dollar amount you are requesting in this proposal.	\$4,951.92
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Lead to the implementation of a valid, reliable assessment of technical skill attainment
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	<p>We will expect the students to be able to pick the right tool for the job they are assigned , properly implement the usage of the tool, properly fill out activity sheets associated with their task and return the tools to their proper storage place when the assignment is completed. The student will complete more activity sheets by having access repair data information quickly.</p> <p>The students outcomes will be measured by the instructors checking for accuracy in their outcomes. For example we would have looked up the outcomes of a specification sheet ahead of time so we can double check the students results against what we have already looked up as a known accurate result.</p>

2	School: Clackamas Community College, Oregon City HS	Program: High School Automotive Program at Clackamas Community College AM-1 00 Automotive
	Teacher/Contact: Tom Landeen, Wryann Van Riper laura.lundborg@clackamas.edu	Date: 4/12/2019 16:10:04

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	In the trimester the students will be given tasks and assignments that would require them in some instances to implement these more modern tools. The students are responsible for completing their task. Students are encouraged to work as a team and in most instances will be paired up with another student or two. Assignment task times vary greatly per project. Anywhere from a few minutes to remove a small cover or panel, under, in, or around a vehicle or small engine, to a week when doing a complete tear down of a car engine.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	Budget: 8 Fluke 87v multimeters \$386.99 each 8 Samsung galaxy tablets 9.6in \$199.99 each 8 Samsung beetle full body protective case \$30 each Total \$4,951.92 Additional funds leveraged: CCC has purchased tools out of the general fund to assist in building the High School Programs. Donations of instructor time during evenings and weekends developing activities in accordance with NATEF and EETC standards.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	The Advisory Committee at CCC supports the program.

3	School: Colton HS	Program: Lupe Hobgood
	Teacher/Contact: Lupe Hobgood hobgoodl@colton.k12.or.us	Date: 4/9/2019 13:01:36

Provide a brief description of the project. What are you proposing to do?	Purchase a classroom set of 30 Chromebooks
List the total dollar amount you are requesting in this proposal.	\$7,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Align CTE programs with Oregon's Common Core State Standards at the secondary level or General Education requirements at the community college level, Align exit and entry requirements for programs, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	<p>Oregon Skill Sets AGBZ01.02.08 Make business presentations AGBZ02 Use record keeping to accomplish AFNR business objectives, manage budgets, and comply with laws and regulations. AGBZ05.03.02 Promote products and services. AGBZ05.03.03 Advertise products and services. AG05 Describe career opportunities and means to achieve those opportunities in each of the Agriculture, Food & Natural Resources Career Pathways. AGPT01.04.06 Plan production of design or modification.</p> <p>Reading Standards for Literature 6–12 College and Career Readiness Anchor Standards for Reading 1. Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text. 1. Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.</p> <p>College and Career Readiness Anchor Standards for Writing Production and Distribution of Writing 6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others. Research to Build and Present Knowledge 7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation. 8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism. 9. Draw evidence from literary or informational texts to support analysis, reflection, and research.</p>

3	School: Colton HS	Program: Lupe Hobgood
	Teacher/Contact: Lupe Hobgood hobgoodl@colton.k12.or.us	Date: 4/9/2019 13:01:36

<p>Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.</p>	<p>In 2016 I purchased 30 Dell Latitude, CTO laptop computers for the CTE program at Colton High School, for just under \$16,000 with Perkins funds. Of those original laptops, only 17 are still currently operational. The laptops have effectively reached their shelf-life and are needing to have motherboards and/or screens replaced; won't turn on/ connect to the internet anymore. The laptops are no longer under warranty, and we do not have district funds to replace the laptops. I'm not sure if it was a bad production run of laptops, or if they are simply not designed to withstand the abuse/work load of high school students.</p> <p>The reason we went with laptops when we originally purchased them, versus Chromebooks, was because I have been teaching a computer aided drafting course and we needed the AutoCAD software installed on those laptops. As of next year, I will no longer be teaching CAD and therefore, we will no longer be required to have laptops. Nine other classrooms in our school currently have classroom sets of Chromebooks, therefore it would make the most sense to update our technology to have consistent access across the curriculum.</p> <p>The 117 students in our CTE program use the laptops in every single CTE class. Every course is on Google Classroom, which is where I post most course reference material as we do not have CTE textbooks. Therefore, it is imperative that we have a functioning set of CTE laptops or Chromebooks. We also use laptops for researching on the internet, word processing, creating documents such as brochures, resumes, cover letters, spreadsheets, much more.</p>
<p>Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.</p>	<p>30 Chromebooks 11 3180 \$196.35 each for a total of \$5,890.50 Google Chrome OS Management Console License, Education \$25.27 each for a total of \$758.10</p>
<p>Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.</p>	<p>I worked with the spanish teacher who ordered all nine sets of the Chromebooks that we have at Colton High School. He got the quotes for me and we discussed other options.</p>

4	School: Estacada HS	Program: Journalism
	Teacher/Contact: Heather Treanor treanorh@estacada.k12.or.us	Date: 4/12/2019 8:53:16

Provide a brief description of the project. What are you proposing to do?	I would like to purchase 10 32GB SanDisk SD cards and four rain covers for the yearbook/newsmagazine cameras.
List the total dollar amount you are requesting in this proposal.	186.9
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	<p>Outcome 1: More students will be able to photograph activities in inclement weather. Currently, students cannot photograph anything outside when there is inclement weather, since we do not have rain covers for our cameras. Having rain covers will allow students to take these photos. This outcome is successful when students are able to take photos during inclement weather, and will be measured by counting the number of students who attend and take photos of outdoor events.</p> <p>Outcome 2: Increase the number of students who can be participating in photographic journalism activities at any given time. Currently, students must share SD cards, which makes it difficult for some students to complete and participate in photographic activities if all of the SD cards are currently being used. Some students get around this problem by bringing their own SD cards, but students from a low SES are often unable to afford this cost. This outcome will be measured by tracking the participation of students - especially low SES students - during photographic journalism activities.</p> <p>Outcome 3: Having enough SD cards for each student also allows students to have more opportunities to develop industry-standard portfolios, which will allow students to have more access to and experience in industry standards, thereby increasing access to post-secondary programs. This outcome will be measured by the number of graduates from the program who go on to study in a journalism-related field.</p>

4	School: Estacada HS	Program: Journalism
	Teacher/Contact: Heather Treanor treanorh@estacada.k12.or.us	Date: 4/12/2019 8:53:16

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	<p>Step 1: Purchase items. Timeline: As soon as the grant is approved.</p> <p>Step 2: Allow students to use items. Timeline: As soon as the items are delivered.</p> <p>Step 3: Students use the items, and are more successful in class journalism activities. Timeline: Throughout school year.</p>
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	<p>Total: \$186.90</p> <p>--10 SanDisk SD cards: \$169.90 @\$16.99 each (free shipping)</p> <p>-- 4 rain covers for cameras: \$17.00 @\$6.75/set of two, plus \$3.50 shipping</p>
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	<p>1. Spoke with public affairs officer with the Civil Air Patrol, who recommended that there be enough SD cards for each student, as most people in the industry have their own SD cards to use. Additionally, based on his experience as a journalist, he recommends that the program have rain covers for cameras, in order to protect expensive equipment.</p> <p>2. Collaborated with other journalism teachers/advisers through the Journalism Education Association listserv, where teachers discussed options for increasing student participation and achievement. Teachers in other programs recommended that there be enough SD cards for each student, as this helps increase equity in the classroom and student achievement.</p>

5	School: Estacada HS	Program: Culinary Arts
	Teacher/Contact: Abraham bund bunda@estacada.k12.or.us	Date: 4/12/2019 10:56:12

Provide a brief description of the project. What are you proposing to do?	We would like to add a couple more equipment components to our Commercial Kitchen cooks line area of class. This will make the classroom more relatable to the industry they plan to pursue as a career.
List the total dollar amount you are requesting in this proposal.	\$2,934.66
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	I hope to have a proper industry style kitchen cooks line for the students to learn how to operate, organize, and produce restaurant quality food in a similar environment. Later having a student organization that can use this space for catering and school related food functions. They will be measured by a technical skills assessment and also help to acquire articulation with M.H.C.C. hospitality program.

5	School: Estacada HS	Program: Culinary Arts
	Teacher/Contact: Abraham bund bunda@estacada.k12.or.us	Date: 4/12/2019 10:56:12

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	In the summer of 2019 equipment will be purchased and delivered, Fall of 2019 incorporate the items with the current equipment and begin to train students the 19-20 school year.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	Total cost would be \$2,934.66 for the equipment, the shipping is free. We would purchase one salad/sandwich cooler @ \$2,115.66, and one steam table @ \$819.00 Additional cost could be having a electrician provide a power source location for the new equipment.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	The Industry partners of my advisory committee and the Community Colleges that we have attempted to align with discussed the importance of having a food service modeled kitchen area for students to develop the skills desired by employers.

6	School: Estacada HS	Program: Automotive Service Technology
	Teacher/Contact: Glen Nation nationg@estacada.k12.or.us	Date: 4/12/2019 11:34:38

Provide a brief description of the project. What are you proposing to do?	Objective: The objective of this proposal is to help meet the needs of students, as well as industry, by creating and adding training opportunities for students. Our program produces students ready for entry-level work in an industry looking for technicians. We also produce future technicians prepared to continue a post-secondary learning experience, with additional training and skill development that will lead to high skill, high-wage, high-demand careers. We currently have Collision Repair equipment needs in the program facility, and are requesting grant funding for the purchase of a Launch Torque scan tool. This will allow students to train on industry-standard equipment, and used in the CCC Collision repair program. We also request grant funding for a chemical storage cabinet, for safe storage of collision repair and paint supplies.
List the total dollar amount you are requesting in this proposal.	\$3,078.99
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Outcomes: The projected outcomes of the acquisition of the equipment will be: -Benefit to the student-Provide training that prepares pathway to post-secondary Provide entry-level employability skills, at minimum. Career Pathway -Benefit to post-secondary programs-Better trained individuals for future workforce. -Benefit to the program-Modern equipment that students will experience in industry.

6	School: Estacada HS	Program: Automotive Service Technology
	Teacher/Contact: Glen Nation nationg@estacada.k12.or.us	Date: 4/12/2019 11:34:38

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	The timeline begins with the grant funds, if awarded, being issued by purchase order from the district the the vendor of choice, after consideration of price offered to most-favored customer. The equipment will be immediately installed by the instructor and district maintenance personnel, in place and functional for all EHS Automotive students to be trained for safe, proper, daily use.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	The vendor of choice has extended a price below retail in order to meet the requirements of the Mini-Project. The price includes shipping/deliver to the program site. The program instructor will install the equipment with assistance from the district maintenance department, if needed. No additional costs will be incurred for the delivery, installation, and set up. The Instructor will request a P.O. of the purchase amount from the district central office to the vendor.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Our business and industry partners include local businesses that advise the addition of the equipment described to allow more time and training, explaining class sizes reduce opportunities for developing proficiency and expertise. Each of which lead to student safety, developed skill sets, and employability.

7	School: Estacada HS	Program: Culinary Arts
	Teacher/Contact: Abe Bund bunda@estacada.k12.or.us	Date: 4/12/2019 15:36:41

Provide a brief description of the project. What are you proposing to do?	I would like to add some prep/work tables and stools in my classroom for the students to use in several different ways. The students will use the prep tables during lab time for preparing food, working together on projects, and researching food service related topics during classwork times.
List the total dollar amount you are requesting in this proposal.	3,967.32
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Lead to the implementation of a valid, reliable assessment of technical skill attainment
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Pursuing articulation, attainment of technical skills, and to promote teamwork as on of the essential standards for CTE classes. Assessed multiple times with state standards through completion of the program and technical skills assessment.

7	School: Estacada HS	Program: Culinary Arts
	Teacher/Contact: Abe Bund bunda@estacada.k12.or.us	Date: 4/12/2019 15:36:41

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Grant is approved spring 2019, summer 2019 equipment order, fall 2019 add new items to classroom.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	The shipping is free for these items. No other funds will be leverage for this project.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Industry partners and my P.L.C. team have agreed multi-use tables can make the best of my space providing student with seating during lessons and demos and work areas during lab times. Because they will use for both applications we will need stools as well.

8	School: Gladstone HS	Program: Graphic Design (AIC: Arts, Information & Communication)
	Teacher/Contact: Brenden Thwing thwingb@gladstone.k12.or.us	Date: 3/21/2019 8:07:25

Provide a brief description of the project. What are you proposing to do?	Purchase of Laguna TX Laser Cutter. The need for this equipment is to expand our CTE Programs at Gladstone High School. The equipment is important to our school for the safety of students and to train students using industry standard equipment in the areas of Manufacturing and Digital Multimedia. Approximately 400 students are enrolled in our CTE approved courses at Gladstone High School. In 2019-2020, we are offering new curriculum that incorporates 3D fabrication as a part of the curriculum for Digital Multimedia and Engineering. Students in these courses create a variety of projects on multiple software platforms and the plasma cutter will assist students in the final production of these projects, showcase student work, support our school clubs, and projects for competitive events. As this interest grows, so does the need for equipment that the students can use.
List the total dollar amount you are requesting in this proposal.	\$4,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Align CTE programs with Oregon's Common Core State Standards at the secondary level or General Education requirements at the community college level, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Incorporate and integrate career guidance with academic advising in CTE programs, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Our CTE programs are expanding every year. This equipment will enable students to access a wider variety of media and technologies for Manufacturing and Digital Multimedia projects. For example, students in our CTE courses could help create products for our school and surrounding community. Many of the students enrolled in CTE courses are seeking a career in Digital Design and Manufacturing post high school. Additionally, students are receiving a valuable skill by using this new equipment to pursue an internship while attending high school or prepare students who are seeking a career in manufacturing once they have met industry standards by completing the course. The outcomes will be measured by the success of our enrollment in CTE courses over the next four years in comparison to where students are finding career pathways from taking CTE classes at Gladstone High School.

8	School: Gladstone HS	Program: Graphic Design (AIC: Arts, Information & Communication)
	Teacher/Contact: Brenden Thwing thwingb@gladstone.k12.or.us	Date: 3/21/2019 8:07:25

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Purchase, install, and test equipment during the summer of 2019. All CTE courses will start in Fall of 2019 which includes a required 4 week rotation course for all Freshman to be enrolled in. All training and projects will be completed by the end of 2020 in the areas of Manufacturing, Engineering, and Digital Multimedia. A portfolio of student work will be showcased for incoming students and presented for course forecasting starting in the Spring of 2020. Our goal is to show how the equipment and final projects will attract high enrollment in our CTE course offerings moving forward.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	<p>(See official quote attached)</p> <p>1 Laguna TX Laser CO2 12 x 20 40w Reci Laser Tube 40W Table Dimensions 12" x 20" Dimensions: 51"L x 26"W x 17"H W/O Stand Lift Table: Up to 7" Honeycomb Table Included Knife Table Included WiFi Enabled Weight 220 lbs HiWin Linear Guide Rails Auto Focusing Laser Head American Photonics Optics Japanese Electronic Components Auxillary Exhaust Fans & Dust Port Old Dominion Freight</p> <p>Sub total for equipment: 5,495.00 -10.00% -549.50 Sub total for freight 352.63</p> <p>Total 5,298.13</p> <p>\$1,298.13 will be leveraged/matched through Measure 98 funding</p>
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Advanced College Credit Accreditation partnership through Clackamas Community College

9	School: Lake Oswego HS	Program: Industry and Engineering Systems
	Teacher/Contact: K. Grosse grossek@loswego.k12.or.us	Date: 4/8/2019 10:46:08

Provide a brief description of the project. What are you proposing to do?	We would like to add safety equipment (filters and enclosures) for our 3D printers along with expanding the materials we have for our laser cutter.
List the total dollar amount you are requesting in this proposal.	\$2,300.00
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Align CTE programs with Oregon's Common Core State Standards at the secondary level or General Education requirements at the community college level, Develop or strengthen career pathways from secondary to postsecondary, Align exit and entry requirements for programs, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	<p>We want to update our 3D printers by adding an enclosure with exhaust filter. Currently, we have one enclosure but with another one all of our printers could be safely run at once so class projects could be completed in a more timely fashion and this would allow ALL students to 3D print projects.</p> <p>Currently, students are using wood with the laser cutter but I would also like to expand to MDF, leather and acrylic which would allow for a wider variety of projects that would help us address equity within our engineering classes.</p>

9	School: Lake Oswego HS	Program: Industry and Engineering Systems
	Teacher/Contact: K. Grosse grossek@loswego.k12.or.us	Date: 4/8/2019 10:46:08

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	<p>An enclosure with a filter would be ordered and installed over the summer so printers could be set up by the first day of school. During the year students will do a Raspberry Pi project that will allow students to view and control the 3D printers remotely so prints could be stopped if they are not running properly saving time and resources.</p> <p>Curriculum will be developed over the summer so new laser projects can be done during the 2019-2020 year. These projects will focus on attracting under-served or non-traditional populations.</p>																						
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	<p>The general budget is:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Item</td> <td style="width: 85%;">Cost (\$)</td> </tr> <tr> <td>3 3D Printer Enclosure Kit w/ Extra Filters</td> <td>400</td> </tr> <tr> <td>3 Raspberry Pi B+ and Accessories cables</td> <td>500</td> </tr> <tr> <td>3 Raspi Wifi Cam</td> <td>60</td> </tr> <tr> <td>3D printer Pen</td> <td>80</td> </tr> <tr> <td>Makergear refurbishing parts</td> <td>175</td> </tr> <tr> <td>Dremel Tool Set</td> <td>100</td> </tr> <tr> <td>Material for Laser Cutter</td> <td>885</td> </tr> <tr> <td>(i.e. leather, MDF, Birch, Acrylic)</td> <td></td> </tr> <tr> <td>Safety Gloves</td> <td>100</td> </tr> <tr> <td>Total=</td> <td>\$2300. (shipping included)</td> </tr> </table> <p>If the C-TEC mini-grant is approved, then the budget will be matched by a Lake Oswego Foundation grant so all printers will be safe to use and every engineering student can do more than one laser project.</p>	Item	Cost (\$)	3 3D Printer Enclosure Kit w/ Extra Filters	400	3 Raspberry Pi B+ and Accessories cables	500	3 Raspi Wifi Cam	60	3D printer Pen	80	Makergear refurbishing parts	175	Dremel Tool Set	100	Material for Laser Cutter	885	(i.e. leather, MDF, Birch, Acrylic)		Safety Gloves	100	Total=	\$2300. (shipping included)
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Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	<p>3D Systems in Wilsonville has advised us on our 3D printers and will be a guest speaker during the year. Laser Cutting Services (in Tualatin) and Boss Laser have given technical assistance with the laser cutter. Gregg Meyer from the University of Portland Engineering Dept. (formally with PCC) is assisting with curriculum for both the 3D printer and the laser cutter.</p>																						

10	School: Lake Oswego HS	Program: Engineering and Industry
	Teacher/Contact: Owen Griffiths crawforb@loswego.k12.or.us	Date: 4/11/2019 15:16:34

Provide a brief description of the project. What are you proposing to do?	This purchase order is comprised of new VEX equipment that will make the robot projects in Engineering Concepts class more streamlined and effective.
List the total dollar amount you are requesting in this proposal.	\$3,900
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Lead to the implementation of a valid, reliable assessment of technical skill attainment
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Increased access to industry standard technology for the robot project will lead to higher levels of learning for our students as measured on our TSA.

10	School: Lake Oswego HS	Program: Engineering and Industry
	Teacher/Contact: Owen Griffiths crawforb@loswego.k12.or.us	Date: 4/11/2019 15:16:34

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Purchase items, update the design of the unit of instruction, adjust the design of the robot project, implement the project, reflect on the effectiveness on instruction and the performance level of our students, plan next steps.																																																
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	<table border="1"> <thead> <tr> <th>Item</th> <th>Vendor</th> <th>Part #</th> <th>Price/unit</th> <th>Quantity</th> <th>Total Price</th> </tr> </thead> <tbody> <tr> <td>V5 Robot Brain</td> <td>VEX</td> <td>276-4810</td> <td>249.99</td> <td>10</td> <td>2499.90</td> </tr> <tr> <td>V5 Smart Motor</td> <td>VEX</td> <td>276-4840</td> <td>34.99</td> <td>10</td> <td>349.90</td> </tr> <tr> <td>V5 Li-ion Battery</td> <td>VEX</td> <td>276-4811</td> <td>49.99</td> <td>10</td> <td>499.90</td> </tr> <tr> <td>V5 Battery Charger</td> <td>VEX</td> <td>276-4812</td> <td>9.99</td> <td>10</td> <td>99.90</td> </tr> <tr> <td>V5 Extension Cables</td> <td>VEX</td> <td>276-4817</td> <td>29.99</td> <td>6</td> <td>179.94</td> </tr> <tr> <td>V5 Battery Clips</td> <td>VEX</td> <td>276-6020</td> <td>4.99</td> <td>4</td> <td>19.96</td> </tr> <tr> <td colspan="5" style="text-align: right;">Total</td> <td>3649.50</td> </tr> </tbody> </table>	Item	Vendor	Part #	Price/unit	Quantity	Total Price	V5 Robot Brain	VEX	276-4810	249.99	10	2499.90	V5 Smart Motor	VEX	276-4840	34.99	10	349.90	V5 Li-ion Battery	VEX	276-4811	49.99	10	499.90	V5 Battery Charger	VEX	276-4812	9.99	10	99.90	V5 Extension Cables	VEX	276-4817	29.99	6	179.94	V5 Battery Clips	VEX	276-6020	4.99	4	19.96	Total					3649.50
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Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Keith and Owen discussed this project and targeted it as a priority for improvement.																																																

11	School: Molalla HS	Program: Media Arts
	Teacher/Contact: Jessica Coy jessica.coy@molallariv.k12.or.us	Date: 4/12/2019 14:26:10

Provide a brief description of the project. What are you proposing to do?	The goal is to have students in CTE courses and members of our CTSO be able to produce a video broadcast in a fully functional production studio, plus have the tools needed for directing productions on location. I am missing some key pieces of equipment to allow students to accomplish this goal. I am requesting grant money to purchase a headset intercom system that allows for students on the production crew to communicate to each other during those productions.
List the total dollar amount you are requesting in this proposal.	\$3,286.00 - PortaCom Headset Intercom System with Cables
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Students have the opportunity to experience industry standard broadcasting, taking on roles of director, producer, technical director, floor director, audio engineer, graphic designer, and camera operator, while working on their communication skills in a collaborative setting. The outcomes will be measured by student's abilities to understand the technology in order to communicate effectively, to produce a complete video broadcast on a weekly or monthly schedule.

11	School: Molalla HS	Program: Media Arts
	Teacher/Contact: Jessica Coy jessica.coy@molallariv.k12.or.us	Date: 4/12/2019 14:26:10

<p>Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.</p>	<p>The Headset Intercom System will be ordered by August through our Main Office secretary, Ginger Fischer. Upon delivery, I will be working with our IT department, Gary Dix and Daniel Haworth, to make sure equipment is setup properly and safely. I plan to have the production studio fully operational with the new headset intercom system in place by the end of August. This will allow advanced video students and CTSO members to use the new equipment for the first video of the school year, scheduled to air the first day of school.</p>
<p>Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.</p>	<p>The overall project of completing the video production studio has been a work in progress for 2 years, with equipment being added when funds or grants are available. This particular request for a headset intercom system has no shipping fees if ordered through B&H Photo Video. No other funds are available at this time for this purchase.</p>
<p>Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.</p>	<p>I discussed equipment needs, to create a functional and realistic production studio, with members of my advisory committee.</p>

12	School: Molalla HS	Program: Business & Management
	Teacher/Contact: Corri Ellis corri.ellis@molallariv.k12.or.us	Date: 4/12/2019 12:31:08

<p>Provide a brief description of the project. What are you proposing to do?</p>	<p>Grant funds will be used to purchase a Epson SureColor P800 Printer, ink for the printer, the initial paper to start using the printer, a Dell Latitude Laptop and a case for the laptop. This equipment will be used to create 1 station with color printing ability. This color printer will be used to enhance the business program by allowing students to print advertising materials to replicate real business applications.</p> <p>The business program is in its fifth year at Molalla High School and has been able to provide valuable experiences through collaboration. This coming year the marketing course will again be working with 5 local businesses and having this color printing station will allow the students to provide better marketing pieces to these businesses and many other in years to come.</p>
<p>List the total dollar amount you are requesting in this proposal.</p>	<p>\$3,852.50</p>
<p>Identify at least 2 of the Perkins Objectives met by your project</p>	<p>Align programs with industry standards, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender</p>
<p>What outcomes do you expect as a result of your project, and how will the outcomes be measured?</p>	<p>CTE students will become more proficient learners, teachers, and presenters from participating in activities planned, prepared, and presented using the printer and laptop. This station will allow students to make a splash with full color printouts of their advertising creations. Outcomes will be measured through application and final product.</p>

12	School: Molalla HS	Program: Business & Management
	Teacher/Contact: Corri Ellis corri.ellis@molallariv.k12.or.us	Date: 4/12/2019 12:31:08

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	<p>July 2019 - Printer, ink, paper, laptop and case will be ordered (Ginger Fisher, High School Secretary and/or Gary Dix, Technology Supervisor)</p> <p>August 2019 - Installation of printer and set up of laptop (Gary Dix, Technology Supervisor and Daniel Hayworth, Technology Support)</p>
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	<p>1 - Epson Sure Color P800 Printer 17" Wide 9-ink 8-color = \$1,295.00</p> <p>1 - Freight Cost for Printer = \$65.00</p> <p>2 - Sets of Ink Cartridges: = \$1,102.50</p> <p>P800 Photo Black UltraChrome \$61.25</p> <p>P800 Cyan UltraChrome \$61.25</p> <p>P800 Vivid Magenta UltraChrome \$61.25</p> <p>P800 Yellow UltraChrome \$61.25</p> <p>P800 Light Cyan UltraChrome \$61.25</p> <p>P800 Vivid Light Magenta UltraChrome \$61.25</p> <p>P800 Light Black UltraChrome \$61.25</p> <p>P800 Matte Black UltraChrome \$61.25</p> <p>P800 Light Light Black UltraChrome \$61.25</p> <p>1 - Additional 2-Year Epson Preferred Plus Service for P800 = \$319.00</p> <p>2 - Ultra Premium Presentation Paper Matte 10 mil, 17" x 22" = \$110.00</p> <p>2 - Premium Photo Paper, 68 lbs, High Gloss, 17" x 22" = \$136.00</p> <p>1 - Dell Latitude E5550 Laptop = \$800.00</p> <p>1 - Case Logic 15.6" Laptop Attache = \$25.00 (per Amazon)</p>
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	<p>Community and inter-departmental collaboration have been developing since this program began in the 2014-2015 school year. This equipment will allow those partnerships to grow in years to come. The business department will be able to provide young adults with the skills to use equipment currently found in local businesses. The business department works along side our media arts department to create advertisements for local businesses.</p>

13	School: Oregon City HS	Program: Design and Construction
	Teacher/Contact: Thomas Wirtz thomas.wirtz@orecity.k12.or.us	Date: 4/12/2019 12:35:10

Provide a brief description of the project. What are you proposing to do?	Benchtop CNC machine: Software and wiring drive motors
List the total dollar amount you are requesting in this proposal.	4000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Incorporate the Oregon Diploma Requirements (Essential Skills, Extended Application, CRLEs) into CTE programs, Align CTE programs with Oregon's Common Core State Standards at the secondary level or General Education requirements at the community college level, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Incorporate and integrate career guidance with academic advising in CTE programs, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Students will implement the process of using Computer technology to design and build parts for the construction and manufacturing industry. CNC equipment is used in almost every aspect of manufacturing and students need and introduction to the processes involved. They are already using CAD but do not have an opportunity to mill materials with CNC devices at our school.

13	School: Oregon City HS	Program: Design and Construction
	Teacher/Contact: Thomas Wirtz thomas.wirtz@orecity.k12.or.us	Date: 4/12/2019 12:35:10

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Activities for the use of this machine will revolve around signage, cabinet parts, integral assemblies for components in engineering projects. As for the timeline of scaffolding their learning this will be an upper level taught curriculum. I will incorporate projects that escalate from signage to component creation.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	Community based projects will include sign building for local companies. Companies can hire out our students to make small signs for their companies as need. Materials will be priced accordingly and shipping with overhead and labor cost to implement a learning opportunity and provide money to come back into the Oregon City high school fund of design and construction.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Local cabinet shops, Metal fabrication companies, and the city of Oregon City.

14	School: Oregon City HS	Program: Tera Fukuhara
	Teacher/Contact: Tera Fukuhara tera.fukuhara@orecity.k12.or.us	Date: 4/11/2019 15:18:01

Provide a brief description of the project. What are you proposing to do?	More baking and pastry dishes with new kitchen aid mixers. I also would like a washing machine and dryer to help keep up with safety and sanitation practices.
List the total dollar amount you are requesting in this proposal.	\$4,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Incorporate the Oregon Diploma Requirements (Essential Skills, Extended Application, CRLEs) into CTE programs, Align CTE programs with Oregon's Common Core State Standards at the secondary level or General Education requirements at the community college level, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Incorporate and integrate career guidance with academic advising in CTE programs, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Students will demonstrate transferable and employability skills in school, community and workplace settings. Students will demonstrate food safety and sanitation procedures. Students will demonstrate industry standards in selecting, using, and maintaining food production and food service equipment.

14	School: Oregon City HS	Program: Tera Fukuhara
	Teacher/Contact: Tera Fukuhara tera.fukuhara@orecity.k12.or.us	Date: 4/11/2019 15:18:01

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Students will continue to make baked goods and pastas with Kitchen Aids. These are constant dishes/ practices in several culinary classes taught. It's also a skill that is very useful in the industry. Daily sanitation practices require cleaning with cloth towels in every class. They need to be washed several times during the day to keep up with demand.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	\$300 per kitchen aid x 6. = \$1800 GE GFWS1700HWW Washer \$900 LG Electronics DLEX3570W 7.4-Cubic-Foot Dryer With Steam \$1000 Shipping and Installment \$300
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	The culinary program is partnered with Linn Benton Community College. Several current and former students work in the industry. Bugatti's, Stillhouse, and Little Cooperstown are just some of the establishments that have hired OCHS culinary students.

15	School: Sabin-Schellenberg Center	Program: Education & Human Development
	Teacher/Contact: Kara Cook, Kendall Palmer, Amanda McDermott cookkar@nclack.k12.or.us	Date: 4/11/2019 13:15:03

Provide a brief description of the project. What are you proposing to do?	Replace five (5) obsolete computerized infant simulators (Reality Infants) used in the Survey of Early Childhood class to create an opportunity for the students to assume the role of a child care provider and develop career-related skills. The most recent model of reality infant has new features including temperature sensors and car seat sensors that more accurately track the care the student provides as part of the simulation. The updated software will allow for students to receive a detailed feedback report of how well they applied the skills and knowledge from our Substitute Care Unit.
List the total dollar amount you are requesting in this proposal.	\$4,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Students will understand child development and interpret behavior to assist in providing appropriate care for the young child. Students will also practice the essential skill of Applies a developmentally appropriate approach to problem solving and critical thinking, as determined by our Advisory Board.

15	School: Sabin-Schellenberg Center	Program: Education & Human Development
	Teacher/Contact: Kara Cook, Kendall Palmer, Amanda McDermott cookkar@nclack.k12.or.us	Date: 4/11/2019 13:15:03

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	May 2019--order Reality Infant simulators, funded by Career Pathways; return obsolete simulators to company September 2019--order Reality Infant simulators; return obsolete simulators to company September 2019--Instructor training to implement functions of the Reality Infants October 2019--Curriculum instruction: Substitute Care unit October 2019--Student training and simulation using Reality Infants March 2020--Repeat of Curriculum and Simulation for Semester 2 classes
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	5 nonfunctioning Reality Infants to exchange for credit \$4,000.00 for five Reality Infant 3 this includes credit for returning obsolete models (5), with shipping & handling
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	After the students complete the simulation, representatives from CARES NW come to speak to the class about Abusive Head Trauma/Shaken Baby Syndrome. Having experienced the challenges related to caring for an infant for 5 days, students better understand the feelings that can lead to this form of child abuse and how they can help prevent it in the future.

16	School: Sandy HS	Program: Integrated Media
	Teacher/Contact: Maryn Wright maryn.wright@ortrail.k12.or.us	Date: 4/12/2019 12:35:36

Provide a brief description of the project. What are you proposing to do?	Students at Sandy High School will be gaining experience in the Screen Printing Industry by becoming proficient in Adobe products and Graphic Design, developing multi colored designs for printing, and with mass producing those designs on a variety of apparel. With this experience, students will be able to join the expansive graphic design and screen printing industry in the Portland Metro Area out of High School.
List the total dollar amount you are requesting in this proposal.	\$3,892.99
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Incorporate the Oregon Diploma Requirements (Essential Skills, Extended Application, CRLEs) into CTE programs, Develop or strengthen career pathways from secondary to postsecondary, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Through the activities outlined, students will become proficient in several Oregon Visual Art Anchor Standards. They will learn how to conceptualize, create, and refine artistic ideas and work. Students will present, analyze and interpret artworks for a sell-able product pattern and respond to criteria for a custom commission design. Using the vocabulary and key points in the rubric for Standards VA.1.CR1.HS1 and VA.3.CR3.HS1, students will grade themselves on a 4 point scale, Not Proficient, Proficient, Accomplished, and Advanced.

16	School: Sandy HS	Program: Integrated Media
	Teacher/Contact: Maryn Wright maryn.wright@ortrail.k12.or.us	Date: 4/12/2019 12:35:36

<p>Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.</p>	<p>Personal Logo and T-Shirt Design - At the beginning of the school year, students will start by creating a dynamic, engaging logo that represents themselves. Once printed and applied to screens, students will then print their logo onto a personal t-shirt. In addition to getting to print their own t-shirt, each student will print their logo onto a fabric flag. Each flag will be strung together as a class set and displayed in the school.</p> <p>Product Pattern Design - In the middle of the first semester, students will work to develop a fabric pattern that can be screen printed. Next they will take their fabric pattern and sew it into a sell-able product (apron, dish clothes, table cloth, tote bag, hat, etc).</p> <p>School Team or Club Group Custom Design and Production Project - As a final project for the semester, students will be working in teams of 3-4 to develop a new logo for a school team or club. They will be treating this assignment as a professional custom commission design: getting initial design requirements, input, providing a series of sketches and mood boards for review, and then revising designs before production. Lastly, as a team, students will work to mass produce enough t-shirts for their club commission.</p>
<p>Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.</p>	<p>Semi-Pro MAX 6 color 2 Station Screen Printing Kit- \$2,995.00 Ryonet Screen Washout Booth- \$499.99 Singer 4411 Heavy Duty Sewing Machine (2)- \$398</p>
<p>Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.</p>	<p>Students will be working on designs that will then go into our annual conference art show. These pieces will be evaluated and judged by several professionals in the art field. A local Portland Graphic Design Artist names Kyle Gibson will be giving feedback, input, and design criteria for the Product Pattern Design project. If the pattern is widely liked, Mr. Gibson may mass produce the design on a larger scale.</p>

17	School: Sandy HS	Program: Integrated Media
	Teacher/Contact: Maryn Wright maryn.wright@ortrail.k12.or.us	Date: 4/12/2019 12:46:40

Provide a brief description of the project. What are you proposing to do?	Students at Sandy High School will be gaining experience in how to create sell-able works of art that can be reproduced and sold online or in stores. Art production will include art techniques like pottery, apparel design, and jewelry soldering. In order to produce jewelry pieces, students will need to have access to a variety of industry tools and machinery. With experience in pottery, apparel design and jewelry making, students will be able to get jobs as product, fashion, and jewelry designers, independent artists or they can become bench jewelers for several local companies in the Portland Metro Area.
List the total dollar amount you are requesting in this proposal.	\$3,984.01
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Incorporate the Oregon Diploma Requirements (Essential Skills, Extended Application, CRLEs) into CTE programs, Develop or strengthen career pathways from secondary to postsecondary, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Through the activities outlined, students will become proficient in several Oregon Visual Art Anchor Standards. They will learn how to create, conceptualize, and refine artistic ideas and work. Students will present, analyze and interpret artworks in their Final Choice Company Product Line. Using the vocabulary and key points in the rubric for Standards VA.1.CR1.HS1(creating/generating) and VA.3.CR3.HS1 (creating/revising), students will grade themselves on a 4 point scale, Not Proficient, Proficient, Accomplished, and Advanced.

17	School: Sandy HS	Program: Integrated Media
	Teacher/Contact: Maryn Wright maryn.wright@ortrail.k12.or.us	Date: 4/12/2019 12:46:40

<p>Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.</p>	<p>Personal Logo Cut Out Pendant Design - At the beginning of the school year, students will start by creating a dynamic, engaging logo that represents themselves. Once designed, students will then learn the basic jewelry skills of sawing and filing sheet metal to cut their designs out into a pendant.</p> <p>Soldered Wire Pendant Design - In the middle of the first semester, students will work to develop a line design that can be soldered out of wire. This project will teach students how to use a Smith's Torch, how to appropriately clean and file their soldering joints, and how to melt flux for a solid connection.</p> <p>Choice Company Jewelry Collection - As a final project for the semester, students will be working in teams of 3-4 to design a collection of jewelry for design companies, either large companies like Forever 21 or Limited, or a local Portland company like Betsy and Iya. Students will go through a rigorous design process to develop a collection of jewelry pieces that fit with their chosen design company's aesthetic. Once their sketches have been revised, each student in the group will create a prototype of one of the pieces to be presented.</p>
<p>Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.</p>	<p>Bench Pin and Anvil- Rio Grande- Set of 30- \$367.50 Jeweler's Saw Frame 3"- Rio Grande- Set of 20- \$128 Jeweler's Saw Frame 4"- Rio Grande- Set of 15- \$103.50 Mini Drill Press- Rio Grande- \$59.99 Durston Heavy Duty Metal Shear- Rio Grande- \$1,399.00 Smith Torch- Rio Grande- 5 Total- \$950 Foredom SR Flex Shaft- Rio Grande- 3 Total- \$860.52 Handfiles- Rio Grande- 3 total sets- \$115.50</p>
<p>Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.</p>	<p>Students will be basing their final jewelry project off of industry standards and aesthetics. They will need to develop their ideas off of specific companies. I will be contacting several businesses in the Portland Metro Area, including Betsy and Iya to come and work with students during this final design process. They will also discuss the skills necessary to work as a designer or bench jewelry in their company, and the salary/benefit opportunities they offer. This proposal was developed with help from my industry advisory committee.</p>

18	School: Sandy HS	Program: Agriculture
	Teacher/Contact: Trisha Smith trisha.smith@ortrail.k12.or.us	Date: 4/12/2019 14:55:04

Provide a brief description of the project. What are you proposing to do?	Working in the horticulture industry items to speed the propagation of plants is common place. Propagation mats will give students access to industry required tools within the Sandy High School greenhouse space.
List the total dollar amount you are requesting in this proposal.	1260
Identify at least 2 of the Perkins Objectives met by your project	Develop or strengthen career pathways from secondary to postsecondary, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Students will be able to complete germination experimentation quicker and see what happens in commercial greenhouse production.

18	School: Sandy HS	Program: Agriculture
	Teacher/Contact: Trisha Smith trisha.smith@ortrail.k12.or.us	Date: 4/12/2019 14:55:04

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	<p>April 12th Submit Paperwork to C-TEC</p> <p>June 15th Submit Requisitions</p> <p>Summer- Ordering of items</p> <p>Sept 5- Receive and implement items</p>
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	Propagation Mats and accessories- \$1,260
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Local nurseries are involved in our advisory committee and make industry based advice on the nursery and horticulture industry.

19	School: Sandy HS	Program: Auto Technology
	Teacher/Contact: Peter Craemer peter.craemer@ortrail.k12.or.us	Date: 4/8/2019 11:57:12

Provide a brief description of the project. What are you proposing to do?	The objective of this proposal is to ask C-Tec for assistance in purchasing Briggs and Stratton overhead valve engines. Due to continued growth in the program we now have over 120 students in Auto 1. These students currently use engines that are over 40 years old and are not current with industry standards.
List the total dollar amount you are requesting in this proposal.	\$4,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Strengthen programs to be able to provide dual credit articulation
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	<p>1. Align program with industry standards. The Auto Tech program a Sandy High School is aligned with the National ASE-NATEF standards. Our new textbook is completely laid out with these standards. Students follow these standards and complete ASE exams. The new overhead valve engines will specifically allow our students to successfully complete NATEF Standards:</p> <p>Standard I. Engine Repair.</p> <p>A. General.</p> <p>2. Inspect engine assembly for fuel, oil, coolant, and other leaks: determine necessary action.</p> <p>4. Install engine covers using gaskets, seals and sealers as required.</p> <p>B. Cylinder Head and Valve Train.</p> <p>1. Adjust Valves (mechanical or hydraulic lifter).</p> <p>Standard VIII Engine Performance.</p> <p>C. Fuel, Air Induction, and Exhaust Systems</p> <p>3. Inspect, service, or replace air filters, filter housings and intake duct work.</p> <p>4. Inspect integrity of the exhaust manifold, exhaust pipes mufflers.</p> <p>D. Emissions Control Systems</p> <p>1. Inspect, test and service positive crankcase ventilation (PVC) filter/breather cap, valve tubes, orifices and hoses: perform necessary action.</p>

19	School: Sandy HS	Program: Auto Technology
	Teacher/Contact: Peter Craemer peter.craemer@ortrail.k12.or.us	Date: 4/8/2019 11:57:12

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	The Auto Tech teacher (Pete Craemer) will be responsible for all activities connected to this mini-grant. The purchase of the engines will occur immediately when the grant is approved and be secured in the shop in August-Sept 2019. Instruction will begin in the Fall of 2019 and will be ongoing throughout the school year. Each student will be assessed by the teacher in meeting all the required NATEF Job Standards.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	Purchase 15 Briggs and Stratton Small Engine #13R232 001F1YY1001
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Sandy High School's Auto has an industry based advisory committee which supports the program. This advisory is made up of local auto related members meet three times a year. We expect that members of the advisory will come into the shop to help demonstrated new equipment like they did this past year. The advisory committee has also made it a priority for each Auto 2 and 3 student to complete an 8 hour job shadow experience in an auto related job.

20	School: Sandy HS	Program: Computer Science
	Teacher/Contact: Robert McGlothin robert.mcglathin@ortrail.k12.or.us	Date: 4/9/2019 15:21:21

Provide a brief description of the project. What are you proposing to do?	Equip a VR station for software development in order to enable advanced CS courses that align with industry standards and post-secondary articulation. Current hardware is not designed to perform in a VR environment.
List the total dollar amount you are requesting in this proposal.	\$4,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Students will develop software products in a lab environment that conform to industry standard equipment.

20	School: Sandy HS	Program: Computer Science
	Teacher/Contact: Robert McGlothin robert.mcglathin@ortrail.k12.or.us	Date: 4/9/2019 15:21:21

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	A lab course will be offered for students who have completed the rest of our CS courses. This will be repeatable for credit, and will contain ongoing projects, as well as smaller projects that will meet a production deadline. Implementation should be fall of 2019, with outcomes by spring of 2020.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	A VR capable computer such as an Alienware aurora (\$3100), an Oculus Rift (\$300), and an HTC Vive (\$600). The department has no budget to contribute at this time.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Planned partnerships include Portland area game development companies such as the Portland Indie Game Squad. The class concept and curriculum have been developed by students in our Game Design Theory course, myself, and our technology supervisor. We have partnered with MHCC for course materials and curriculum alignment.

21	School: Sandy HS	Program: Business Management
	Teacher/Contact: Nick Mato nick.mato@ortrail.k12.or.us	Date: 4/11/2019 8:12:54

Provide a brief description of the project. What are you proposing to do?	As a relatively new CTE program of study we are striving to develop an academically rigorous curriculum that is aligned with industry. The school district has shown ample support for our program through the funding curriculum materials and textbooks. However, while basic needs have been met we are in need of support systems that will allow our students to gain a greater depth and breadth of understanding of the workings of business. Our students will be able to progress and apply what they've learned more thoroughly at their own pace using MindTap for accounting. This functionality was previously available in a more limited level on the Aplia platform, however, the vendor is migrating from Aplia to MindTap.
List the total dollar amount you are requesting in this proposal.	\$2,000.00
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	All Sandy High School Business students apply accounting practices and assess how their decisions impact business operations. They will also learn how to exercise their knowledge while working in teams, each having their own responsibilities and compare their performance against real time goals and enable students to progress at their own pace. This will also allow us to be more fully integrated with our Dual Credit partner (MHCC) for our Introduction to Accounting class.

21	School: Sandy HS	Program: Business Management
	Teacher/Contact: Nick Mato nick.mato@ortrail.k12.or.us	Date: 4/11/2019 8:12:54

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	These units will be used throughout the school year, starting in the fall of 2019. Purchase of access to MindTap will occur immediately when the grant is approved.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	Projected budget is expected to be \$2000.00. As assets are online there will be no shipping costs.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Sandy High School's Business Management program has an industry/academic advisory committee that supports the program. This advisory is made up of local business and college instructors.

22	School: Sandy HS	Program: Integrated Media
	Teacher/Contact: Andrew Schaffer andrew.schaffer@ortrail.k12.or.us	Date: 4/12/2019 8:43:07

Provide a brief description of the project. What are you proposing to do?	With this grant, we will purchase various audio/video equipment and a new projector. This equipment is necessary to support our new audio production course, as well as provide upgraded equipment to strengthen the video production courses and offer better access for students to equipment as a result of this growing program of study. For example, the current projector does not allow students to view the detail in their work that they see on their screen, and limits the sharing and analysis of student work. Students must be able to adequately analyze each other's productions to prepare them for future post-secondary and industry expectations.
List the total dollar amount you are requesting in this proposal.	\$4,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	<p>Students in the Integrated Media program will have more access to industry-standard a/v equipment, including professional grade video projector, audio recording devices, microphones, support equipment, and teleprompters. This will allow them to collaborate better with other integrated media students, and produce work for school-wide and community use.</p> <p>Outcomes will be measured at the end of each major media project, in the evidence of the production process and the quality of the final product.</p>
Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	In the Fall of 2019, students will be offered an audio production course and Advanced Video Projects. Students will analyze and explore existing recorded media and gain a solid understanding of the technical and creative aspects of audio and video production. With this backdrop in mind, they will explore various areas of video and audio production, and develop and execute media projects that both replicate and build on techniques used in existing professional productions. Students will make use of the professional equipment provided to complete these projects.

22	School: Sandy HS	Program: Integrated Media
	Teacher/Contact: Andrew Schaffer andrew.schaffer@ortrail.k12.or.us	Date: 4/12/2019 8:43:07

<p>Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.</p>	<p>Projector (TBD) Cost: Approx. \$2,000 (OTSD Tech Estimate)</p> <p>MagiCue Studio 15" Prompter Kit Cost: \$500 Qty: 1 Total: \$500 https://bhpho.to/2LjAx10</p> <p>Tascam DR-40X Four-Track Digital Audio Recorder Cost: \$200.00 Qty: 5 Total: \$1,000 https://bhpho.to/2VD1AcG</p> <p>Shure SM57-LC Microphone \$100.00 Qty: 2 Total: \$200 https://bhpho.to/2gc8Xa9</p> <p>Shure SM58-LC Vocal Microphone Cost: \$100.00 Qty: 2 Total: \$200 https://bhpho.to/2hURyz1</p> <p>Novation Launchpad Ableton Live Controller MK2 Cost: \$100.00 Qty: 1 Total: \$100 https://bhpho.to/2sDWQoG Shipping est.: \$0.00 TOTAL \$4,000</p>
<p>Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.</p>	<p>The Integrated Media Advisory Committee, including local and national audio production professionals, as well as MHCC Integrated Media program, were consulted to determine the best choices for specific industry-standard equipment, and how this equipment will support the specific scope and sequence of these courses and articulation for dual credit at the community college.</p>

23	School: West Linn HS	Program: Environmental Science CTE
	Teacher/Contact: Jim Hartman, Geoff Bingham, Amanda Corey coreya@wlwv.k12.or.us	Date: 4/11/2019 12:39:06

Provide a brief description of the project. What are you proposing to do?	We want to have a class set of binoculars for our field science students to be able to use in the field for identifying and monitoring bird populations. Then data gathered is shared with the scientific community through eBird, which allows us to analyze trends that may be related to environmental changes such as climate change, habitat disruption, etc.
List the total dollar amount you are requesting in this proposal.	\$4000 (30 pairs of Leupold BX-1 McKenzie binoculars at \$131 each)
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Incorporate the Oregon Diploma Requirements (Essential Skills, Extended Application, CRLEs) into CTE programs, Develop or strengthen career pathways from secondary to postsecondary, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Students will obtain mastery of bird identification skills and use of binoculars. Data will be recorded and reported to eBird, and students will show analytical skills in evaluating population trends. We will measure this with a technical skill assessment.

23	School: West Linn HS	Program: Environmental Science CTE
	Teacher/Contact: Jim Hartman, Geoff Bingham, Amanda Corey coreya@wlwv.k12.or.us	Date: 4/11/2019 12:39:06

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Fall 2019: purchase binoculars Ongoing: Students will use binoculars to practice bird identification skills in the field. Input data on eBird. Spring 2020: Technical skill assessment (Environmental Science)
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	\$4000 for 30 pairs of binoculars (\$131 each). Free shipping (picked up locally).
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	Our program has worked with optics company Leupold in the past, and they provide free maintenance and lifetime warranty on their products. We chose this company and this model based on input from professional ecologists who work with our students in the field.

24	School: West Linn HS	Program: Environmental Science CTE
	Teacher/Contact: Jim Hartmann, Geoff Bingham, Jonathan Davies, Amanda Corey, Eileen Oppelt coreya@wlwv.k12.or.us	Date: 4/11/2019 13:01:29

Provide a brief description of the project. What are you proposing to do?	The Environmental Science CTE Program built two greenhouses and along with the Permaculture classes needs to obtain tools for construction, maintenance, and plant production. We additionally need water storage barrels and a solar pump to provide the greenhouses with collected rain water.
List the total dollar amount you are requesting in this proposal.	\$4,000
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Incorporate the Oregon Diploma Requirements (Essential Skills, Extended Application, CRLEs) into CTE programs, Develop or strengthen career pathways from secondary to postsecondary, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Address equity that may impact underserved or non-traditional populations
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	Through the use of wildlife cameras, students will gain the skills of camera placement, species identification and species behavior patterns. Students will be assessed through Environmental Science Technical Skill Assessment. Career Related Learning Experiences will take place involving the equipment and tools for the greenhouses in the permaculture class. Student mastery of greenhouse upkeep and plant propagation will be assessed through a Technical skills Assessment.

24	School: West Linn HS	Program: Environmental Science CTE
	Teacher/Contact: Jim Hartmann, Geoff Bingham, Jonathan Davies, Amanda Corey, Eileen Oppelt coreya@wlwv.k12.or.us	Date: 4/11/2019 13:01:29

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Fall 2019: Purchase equipment and tools. Ongoing: Students will work with tools and equipment to learn skills associated with wildlife monitoring and plant propagation. Spring 2020: Students will demonstrate their acquired skills through a Technical Skills Assessment.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	2500 gallon black vertical water tank (Norwesco) \$1000, 2 18Volt compact hammer-drill 1/2 in. kits \$189 each, 18 Volt cordless jigsaw \$139, 2 hammer drills \$249 each, Miter saw \$539, 2 reconyx wildlife HP2X HyperFire 2 Professional Covert IR Cameras \$459 each, 2 HyperFire 2 Heavy Duty Security Enclosure \$70 each, 10 shovels (\$300)
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	When we attended the conference of the Oregon Wildlife Society, many practicing ecologists affirmed that Reconyx as the most reliable brand in wildlife cameras.

25	School: West Linn HS	Program: Web Design POS and Journalism POS
	Teacher/Contact: Wind Lothamer, Glenn Krake, Ann Breyne lothamew@wlwv.k12.or.us	Date: 4/3/2019 8:20:40

Provide a brief description of the project. What are you proposing to do?	We would like to purchase a large format printer with inks and paper rolls for use in our web design, graphic arts, photography, yearbook and journalism classes within our POS. The printer will help keep the program modern and will dramatically increase student access to technology and their ability to create real-world print products. These items will greatly increase and improve our program and will allow for us to bring the graphic arts classes into our POS, as well as keep the Photo, Journalism, Yearbook, and Web Design classes current and up-to-date, using the latest industry standard for printing and prototyping.
List the total dollar amount you are requesting in this proposal.	The costs are detailed below: Large format printer with shipping: \$2,495.00 + \$96.00 Ink cartridges for printer: \$539.99 24 lb. 24" x 500' paper rolls: \$62.93 Total: \$3,193.92
Identify at least 2 of the Perkins Objectives met by your project	Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Strengthen programs to be able to provide dual credit articulation, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender
What outcomes do you expect as a result of your project, and how will the outcomes be measured?	We hope to modernize the programs and to expand and improve access to current industry standard technology throughout the POS. This printer should have a direct impact on approximately 300+ students per year. Together with other equipment that we have purchased for the classes, including the Wacom Cintiq tablets, vinyl cutter, and the Adobe CS software, we hope to create and maintain a fully functional and modern digital art lab that meets current industry standards. Additional funds from the district should be around \$3,000 per year.

25	School: West Linn HS	Program: Web Design POS and Journalism POS
	Teacher/Contact: Wind Lothamer, Glenn Krake, Ann Breyne lothamew@wlwv.k12.or.us	Date: 4/3/2019 8:20:40

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	We have already purchased the Wacom Cintiq tablets and have a subscription to the Adobe CS software suite. If we can get the funding from this mini-grant, we will be able to purchase the printer in the Fall and will immediately integrate it into the curriculum. Students will use the printer to print large-format photographs, page spreads for journalism, proofs for yearbook, posters and graphics for graphic arts, and large format artwork for web design.										
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	We plan to purchase a whole set of equipment to modernize the programs. This mini grant will help get us started with purchasing the great multi-function printer. More purchases may be made out of district budget and future Carl Perkins rollout. <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">New Printer and supplies for one year</td> <td style="text-align: right;">= \$3,193.92</td> </tr> <tr> <td>Adobe CC Subscription: 100 seat site license</td> <td style="text-align: right;">= \$2,500.00</td> </tr> <tr> <td>Wacom Cintiqs and Dell Computers for lab of 36</td> <td style="text-align: right;">=</td> </tr> <tr> <td>\$68,400.00</td> <td></td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">\$74,093.92</td> </tr> </table>	New Printer and supplies for one year	= \$3,193.92	Adobe CC Subscription: 100 seat site license	= \$2,500.00	Wacom Cintiqs and Dell Computers for lab of 36	=	\$68,400.00		Total	\$74,093.92
New Printer and supplies for one year	= \$3,193.92										
Adobe CC Subscription: 100 seat site license	= \$2,500.00										
Wacom Cintiqs and Dell Computers for lab of 36	=										
\$68,400.00											
Total	\$74,093.92										
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	We are currently working on increasing the involvement of local businesses into the curriculum. The journalism and yearbook classes use printed proofs to sell advertising to local businesses. We would like to have the photography and graphic arts students work with local businesses to create work that they need: posters, advertisements, and displays. This printer would be fundamental for those goals.										

26	School: West Linn HS	Program: Journalism
	Teacher/Contact: Glenn Krake krakeg@wlwv.k12.or.us	Date: 4/10/2019 11:40:59

<p>Provide a brief description of the project. What are you proposing to do?</p>	<p>We want students to be able to experience using professional grade lenses on location in a professional setting. To better take photographs of events and subjects like they would in a professional setting covering a client, an event or journalistic story, students would benefit from having specialty lenses that allows them to capture subjects they were previously unable to with the basic lenses. With these lenses, students can capture events in low-light settings like the auditorium and theater as well as indoor evening events like those taking place in the gym. Each lens provides unique capabilities. One is the preferred lens for interviews, one allows students to create shots with blurred backgrounds, one allows for wide angles, and one works well with steadycam video footage. Since our journalism curriculum program seeks to give a comprehensive experience to as many students as possible using professional equipment, this grant would allow multiple students to check out and use these specialty lenses. We have received minigrants in the past for similar lenses; this minigrant would allow us to purchase additional lenses to allow more students to be able to use the equipment.</p>
<p>List the total dollar amount you are requesting in this proposal.</p>	<p>3865</p>
<p>Identify at least 2 of the Perkins Objectives met by your project</p>	<p>Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Provide students with relevant career related learning experiences, student leadership opportunities, cooperative work experience and/or access to opportunities for careers that are nontraditional for a student's gender</p>
<p>What outcomes do you expect as a result of your project, and how will the outcomes be measured?</p>	<p>With professional lenses, students will be able to demonstrate the ability to checkout equipment and schedule responsibly in order to share time. They will plan and manage checkout procedures to maximize availability and use of the equipment. Students will use the lens to cover journalistic events more completely.</p>

26	School: West Linn HS	Program: Journalism
	Teacher/Contact: Glenn Krake krakeg@wlwv.k12.or.us	Date: 4/10/2019 11:40:59

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	Upon approval of mini-grant, CTE Instructor Glenn Krake will submit an amazon order through the school's bookkeeper, Holly Scheid, to order the equipment. Order will be placed using the following links so that materials are received and implemented into student use.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	<p>Mark IV Zoom Lens - Canon EF 24-70mm f/2.8L II USM Standard Zoom Lens https://www.amazon.com/Canon-24-70mm-2-8L-Standard-Zoom/dp/B0076BNK30/?tag=cameratimes-20 \$1599</p> <p>Interview Lens - Sigma 17-50mm f/2.8 EX DC OS HSM FLD Large Aperture Standard Zoom Lens http://a.co/5WbKL18 \$369</p> <p>Fisheye Lens - Rokinon 8mm F3.5 Ultra Wide Fisheye Lens - Canon https://www.amazon.com/dp/B008X1C4IY/ref=cm_sw_em_r_mt_dp_U_tvPCb0ZY924N \$299.00</p> <p>Macro Lens - Canon EF 100mm f/2.8L IS USM Macro Lens for Canon Digital SLR Cameras https://www.amazon.com/Canon-100mm-Macro-Digital-Cameras/dp/B002NEGT5I/?tag=cameraears-20 \$799.00</p> <p>Blurred Background - Sigma 18-35mm F1.8 DC HSM Lens http://a.co/8pakHHe \$799</p> <p>TOTAL: \$3865 The Journalism program already has access to digital SLR cameras as well as some specialty zoom lenses for checkout. Having additional professional lenses will complement and augment the program's ability to offer more students the ability to diversify the types of photography forms they can implement and experiment with.</p>
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	As students take photographs of sporting events and other community events, those images can be used in conjunction with advertisers and other publications that may be able to use student work. After attending the National Journalism Convention, and meeting with other industry professionals, I discovered our program needs to be able to have quality lenses for students to be able to access. This will help our program match other journalism programs and industry professionals.

27	School: Wilsonville HS	Program: Journalism
	Teacher/Contact: Dr. Julie Guertin, John Fitzgerald olsent@wlwv.k12.or.us	Date: 4/9/2019 14:05:51

<p>Provide a brief description of the project. What are you proposing to do?</p>	<p>We would like to request money to purchase four professional cameras with telephoto lenses and an HD 4K Video Camera. The cameras will allow our Journalism students to work with high quality, industry standard equipment in our Journalism POS in yearbook, newspaper, WBN.</p> <p>Currently, the cameras we use are not high enough quality to use in the yearbook and newspaper. The software we use to manipulate photos and video demands a higher resolution file for many functions. We are not able to take sport pictures because the cameras do not have a high enough shutter speed to capture the image clearly. If you try to zoom in the pictures are blurry and not usable. As a result we are using photos from community members for sports and plays rather than having students take the pictures. Sometimes this requires fees for rights. Currently, we have been taking pictures for sports and other activities with student equipment so we can have high quality pictures and video that were taken by students. This limits a students ability to gain the skills needed to be successful in the technical part of Journalism.</p>
<p>List the total dollar amount you are requesting in this proposal.</p>	<p>\$4000 (Total Cost is \$4019.95, the school will fund the balance)</p>
<p>Identify at least 2 of the Perkins Objectives met by your project</p>	<p>Align programs with industry standards, Develop or strengthen career pathways from secondary to postsecondary, Lead to the implementation of a valid, reliable assessment of technical skill attainment, Address equity that may impact underserved or non-traditional populations</p>
<p>What outcomes do you expect as a result of your project, and how will the outcomes be measured?</p>	<p>Students will gain valuable skills with high level industry equipment. Students will be able to produce industry standard print and video productions. These will be created using content from student work and students will be able to engage in proper editing software with content.</p> <p>Having school equipment for students to use will allow the POS to be more accessible to all students, instead of only those with access to proper equipment.</p>

27	School: Wilsonville HS	Program: Journalism
	Teacher/Contact: Dr. Julie Guertin, John Fitzgerald olsent@wlwv.k12.or.us	Date: 4/9/2019 14:05:51

Describe the activities and timelines that will occur in order to complete the project and accomplish the outcomes.	We will gain equipment during the summer and our CTE teachers in Journalism will be able to incorporate the equipment into all classes for the Fall Semester.
Provide a project budget. Provide as much detail as possible, including shipping costs and any additional funds that will be leveraged. Include donations, pathway funds, etc.	EOS Rebel T7 Double Zoom Lens Kit: Price: \$649.99 Quantity: 4 Includes the camera body, bag, regular 18-55mm lens, a 75-300mm telephoto lens and battery pack. https://shop.usa.canon.com/shop/en/catalog/canon-eos-rebel-t7-double-zoom-lens-kit JVC GY-HM170U Ultra 4K HD Professional Camcorder & Top Handle Audio unit with XLR Microphone. Price: \$1419.99 Quantity: 1 Includes SD Card, Battery, LED Video Light, Cleaning Kit and Sound Equipment. We will be supplementing this equipment to create full workstations for students. The additional equipment will be paid through district funds.
Describe business/industry partnership involvement or other collaboration that was used to develop this proposal.	This proposal was put together between our Yearbook and Video Production classes, with the professional help of Greg Artman, Industry Professional.