

To: Joint Ways and Means Capital Construction
From: Chuck Lee
Date: May 29, 2015
Re: Salem-Keizer Career Technical Education Center

The Mountain West Career Technical Institute (MWCTI) respectfully requests \$1.75 million in state funding for the 2015-17 biennium for a new, state-of-the-art, 150,000 square-foot *Career Technical Education Center (CTEC)* on Portland Road in Northeast Salem that will serve the Salem-Keizer School District and broader Mid-Valley region.

As an innovative public-private partnership between MWCTI and the Salem-Keizer School District, CTEC is focused on helping area students develop academic proficiency, technical skills and industry certifications, as well as the “soft skills” needed to assure success in careers and/or college. CTEC’s mission is to: “prepare students for high-skill, high-wage, and high-demand careers, while developing the skills, technical knowledge, academic foundation and real-world experience to assure their success upon graduation.”

By exposing youth to career pathways, providing links to industry certifications and college credit, and motivating students to stay in school and get their diploma before entering the workforce or going on to college, CTE programs strengthen our community and help move Oregon closer to achieving the 40-40-20 goal.

Opening in fall 2015, a projected 180 students will enroll in 2015-16 in the first two strands of Residential Construction and Commercial Manufacturing. In 2016-17, Food Technology/Agriculture and Aviation Technology will open. Each year another 20,000 square-feet will be remodeled and two additional CTE programs added. CTE program areas are being identified by student interest, labor market analysis, industry support, and state educational and economic priorities.

By 2020, when fully built out, CTEC will house at least 10 CTE programs, serving 1,100 students. *CTEC will serve Salem-Keizer School District, and eventually the entire Mid-Valley—providing an innovative, replicable model for Oregon of how a public-private partnership can support Career Technical Education and economic development.*

Mountain West purchased the building for \$3.6 million in 2014 and has contributed over \$2.6 million to renovation. With a total capital project budget of \$12.5 million, a significant investment of \$1.75 million would fund capital only expenses including interior renovations and hands-on training equipment for four CTE programs, including Residential Construction, Commercial Manufacturing, Food Technology/Agriculture and Aviation Technology.

Commercial Manufacturing Program Equipment:	\$335,000
Residential Construction Program Equipment:	\$115,000
Renovation for Food Tech/Ag and Aviation Programs (20,000 sq. ft @ \$40/sq. ft.):	\$800,000
Training Equipment for Food Tech/Ag and Aviation Programs (\$250,000 per program):	\$500,000

Total Request: \$1,750,000



Salem-Keizer School District

CAREER TECHNICAL EDUCATION CENTER

Learning That Works



A PUBLIC-PRIVATE PARTNERSHIP BETWEEN SALEM-KEIZER PUBLIC SCHOOLS AND MOUNTAIN WEST INVESTMENTS

Career and Technical Education **CTE Works**

A Public-Private Partnership

The Mountain West Career Technical Institute (MWCTI) has entered into a partnership with the Salem-Keizer School District to develop and operate CTEC. Together, they will ensure students are joining the workforce with the skills and training employers are seeking.

MWCTI has purchased a 150,000 square foot facility (formerly Neilsen Manufacturing) in Northeast Salem and will renovate and equip the facility to house ten different CTE programs of study. The estimated total project budget is \$12 million.

The Salem-Keizer School District in partnership with MWCTI, will develop the curriculum, recruit and register students, hire faculty and staff, provide transportation and cover ongoing operating costs. CTEC programs will align with high school graduation requirements as well as industry certifications and standards.

A CTEC Advisory Committee comprised of school district leadership, higher education community stakeholders, and industry representatives will advise and align programs to meet industry and educational needs. The committee plays a key role in the long term development and sustainability of CTEC.

Industry-specific committees will be established for each program of study. Members will contribute their expertise to shape the content of specific strands. They, in addition to other industry partners, may provide apprenticeships, internships, industry certificates, mentoring, college credit, and cash or in-kind donations.

“We are committed to growing Oregon’s economic vitality. With this strategic investment and innovative public-private partnership, our region can develop a workforce that is so highly skilled and trained that our state becomes a magnet for new business and strengthens existing industry.”

Chuck Lee

President of Mountain West Career Technical Institute

CTE Works for Business

CTE addresses the needs of high-growth industries and helps close the skills gap.

- The skilled trades are the hardest jobs to fill in the United States, with recent data citing over a million jobs opening in the manufacturing, trade, transportation and utilities sectors.
- Twelve of the 20 fastest growing occupations are in health care and require an associate degree or less.
- STEM occupations such as environmental engineering technicians require an associate degree and will experience faster than average job growth.

Middle-skill jobs, jobs that require education and training beyond high school but less than a bachelor’s degree, are a significant part of the economy. Of the 55 million job openings created by 2020, 30 percent will require some college or a two-year associate degree.

“We’re not the same old shop anymore; it’s a high-tech and high-skill manufacturing facility and installation process. We manufacture many of our own materials and use the latest in equipment to do it, from CAD drawings to plasma and laser cutters to high-tech sensors and control systems.”

Fred Streimer

President Emeritus of Streimer Sheet Metal Works Inc

Jobs requiring extra training, but not a four-year degree, make up 52 percent of Oregon’s jobs but only 47 percent of Oregon’s workers have the necessary training, according to the Workforce Alliance, a training advocacy group.

Portland General Electric is expecting 45% of its line workers to be eligible for retirement in the next 10 years. It takes three to four years of apprenticeship to train a journeyman line worker, who earns about \$35 an hour. "In the next 20 years, no lineman will be out of work."

Maureen Shaw

Supervisor of PGE work force planning and diversity

CTE Works for High School Students

High school students involved in CTE are more engaged, perform better and graduate at higher rates.

- 81 percent of dropouts say relevant, real-world learning opportunities would have kept them in high school.
- The average high school graduation rate for students concentrating in CTE programs is 90.2 percent, compared to an average national freshman graduation rate of 74.9 percent.
- More than 70 percent of secondary CTE concentrators pursued post-secondary education shortly after high school.

CTE Works for College Students and Adults

Post-secondary CTE fosters post-secondary completion and prepares students and adults for in-demand careers.

- A person with a CTE-related associate degree or credential will earn on average between \$4,000 and \$19,000 more a year than a person with a humanities associate degree.
- Four out of five secondary CTE graduates who pursued post-secondary education after high school had earned a credential or were still enrolled two years later.

TOP TEN JOBS

High-Demand/High-Wage Jobs

Welders 1.

2. Plumbers
Pipefitters & Steamfitters

Mechanics 3.

4. Machinists

Firefighters 5.

General & Operations
6. Managers

Manufacturing
Sales Representative 7.

8. Industrial Machinery Mechanics

Water Waste
Plant & System
Operators **9.**

10. Marketing Managers

"There aren't enough people with the right skills."

Graham Slater, Research Administrator at the Oregon Employment Department

Please join the effort to **build** a national model that will change the **economic** and **workforce** landscape of **Oregon**

- **Donate equipment, materials and supplies**
- **Provide internships-apprenticeships and employment opportunities**
- **Participate on an Industry Advisory Committee**

For More Information About the Following **Contact Us**

How to get Involved

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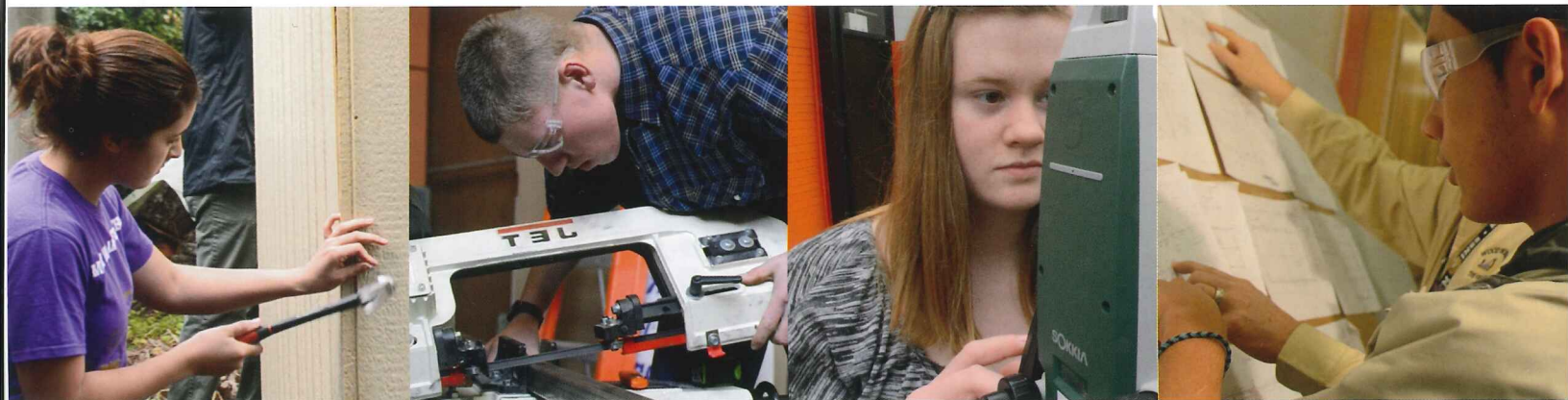
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Learning That Works

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