

Boivin Hall Rehabilitation and Seismic Upgrade

Background Information

Boivin Hall was among the original buildings developed on the Oregon Tech Klamath Falls campus. Built in 1976, the 47,000 sq. ft. Boivin Hall is in need of critical life/safety upgrades, ADA compliance, structural and seismic retrofitting, and classroom/lab rehabilitation. Oregon Tech is seeking support from the Oregon



Legislature to make needed repairs and upgrades to the building, which serves as core teaching and learning space, houses student support services and is the backbone of the university's Information Technology infrastructure.

As a university with one of the lowest capital footprint to student ratios in the state – and high demand on unique lab space aligned with its polytechnic mission and enrollment growth – Oregon Tech is requesting \$20.3M in funding during the 2020 2nd Special Session of the Oregon Legislature to repair Boivin Hall: \$19.3M from state resources and an additional \$1.0M contributed by the

university. Oregon Tech continues to effectively steward State resources by identifying the most cost-effective alternatives to new construction by renewing existing 20th century buildings to meet our 21st century industry focused mission.

Advancing Programs

Investing in Boivin Hall eliminates significant deferred maintenance needs and improves the building to meet evolving industry-focused program needs. Repairing what we already have precludes having to fully replace a building, which increases costs for all partners: state, university, donors and other stakeholders.

- **Increasing Capacity:** Boivin Hall is a core campus teaching and learning space. It includes the universities only chemistry labs which are critical for STEM and Health programs. Increasing class/lab space and modernizing the facility will expand the total capacity of Oregon Tech to produce high demand engineering and healthcare professionals.
- **Accessibility and Safety:** Current classes and labs are not designed to serve students and faculty who have limited mobility, creating safety hazards for students in underequipped and poorly designed chemistry labs. The building needs new centralized lock systems to increase student safety, ADA doors and an elevator to its inaccessible basement level.



- **Program Growth:** Oregon Tech's Applied Behavioral Analysis (ABA) program will be housed in renovated space within Boivin. The ABA program creates a pipeline of certified professionals serving the needs of the growing population of young Oregonians with Autism Spectrum Disorder and employs a teach-the-teacher model for educators and medical professionals.
- **Serving Students:** Expanding Oregon Tech's innovative first year engagement and student retention center will be made possible through investments in Boivin Hall. This is a key goal of the rehabilitation and modernization project, and will increase retention and speed up the time to degree for Oregon Tech students.
- **Leverage Technology:** IT infrastructure located in Boivin Hall which serves the entire university will be upgraded, allowing for synchronous and asynchronous classes for students across the state and at the multiple Oregon Tech locations. It will scale the grant-winning Teaching Innovation Center, which tests new teaching technology and integrates modern pedagogy into STEM and Health focused classes.

Safety, Seismic and ADA Issues

Boivin Hall is showing its age. After almost 45 years, extensive repairs and upgrades are needed across all major building systems. It is time to invest in rehabilitating this core facility and eliminate millions of dollars in deferred maintenance. This includes:

- **Electrical:** Modernize main distribution panels/sub panels; transformers; motor control center; inefficient/outdated lighting; and inadequate power availability throughout the building
- **HVAC:** Improve outdated building controls; failing exhaust fans in student chemistry labs; inadequate building duct systems, compressors and air handlers
- **Plumbing:** Replace emergency gas shut off valves; failing sewer drain plumbing and water systems throughout
- **Asbestos:** Remove known hazards, including duct seam tape, flooring tile and mastic, and cement asbestos board throughout building
- **Seismic / Structural:** Increase resilience through seismic bracing and strengthening of load bearing structures, bolster settling foundation causing structural issues throughout



For More Information

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