



# MONTANA

TECHNOLOGICAL UNIVERSITY

## ENGINEERING HALL REMODEL & RENOVATION

**Total Engineering Hall LRBP request:** \$8 million in legislative funding



**YEAR BUILT:**  
1923



**SQUARE FOOTAGE:**  
13,727



No significant renovations  
in the nearly 100-year history

As Montana's Special Focus Institution, Montana Technological University provides a transformative student experience by developing leaders and advancing science, engineering, and technology, to benefit humanity while meeting the changing needs of society.



Engineering Hall, built in 1923 and on the state's historic registry, houses classrooms, computer labs, and faculty offices that are core to the mission and heritage of Montana Tech. Engineering Hall, the third building constructed on campus, is critical to the success of many Montana Tech students as it houses classrooms, computer labs, the Center for Academic Innovation, Counseling Services, the Dean of Students, the Honors Program, and the Writing Program. It is not fully ADA accessible and has never had any extensive renovations or substantial upgrades.

This project will support Montana Tech's campus space use and analysis plan that we have invested in with NAC Architecture. To facilitate the plan, Engineering Hall needs a thorough renovation and restructuring to make it accessible and accommodate the university's changing academic needs. The restroom facilities within the building are some of the worst on campus. They are undersized, antiquated, and lack ADA accessibility and fixtures.

The building does not have an elevator to allow accessibility for students, faculty, staff, and guests to utilize the 2nd floor. An extensive interior renovation needs to take place to comply with the current code and yet maintain the historic nature of this building.

### **PROJECT DETAILS:**

The extensive renovation of this building will allow Montana Tech to address the issues of accessibility, allowing all students, faculty, staff, and visitors to access the classrooms, computer labs, and offices on the 2nd floor. Montana Tech will relocate departments that support the building's functions into this facility, freeing up other spaces across campus.

The project will include exterior and interior renovations to provide ADA accessibility. Restroom facilities will be enlarged and refreshed and will be accessible. The upgrades will include an elevator, two accessible entrances, and new fire escapes. The building will also see upgrades to classroom technology, computer labs, lighting, flooring, and furnishings.

The building will need extensive tuckpointing, brick replacement, and stone window sills and lintels replaced. The building's interior walls will be demolished and rebuilt, and all new electrical, data, and fire alarm system conduit will be added. All new mechanical pumps and systems to support steam heating (or new hot water heating system and boilers) will be installed along with air handlers, coils, and mechanical systems installed to support heating & air conditioning.