



## » Capital Outlay Request: **BROOKS HALL**

Renovating Brooks Hall will modernize and address safety issues in this 60-year-old building, enhancing students' foundational learning experiences in the sciences in response to the job demands of today's employers.

**Estimated cost:** \$43,000,000 (CMU requests \$30 million in state funding. Remaining costs will be funded by CMU.)

### **THE SKILLS EMPLOYERS ARE LOOKING FOR:**

- » Modernized instructional classrooms and collaborative workspaces will maximize student engagement with faculty and peers, expand active teaching and learning, and promote collaborative work.
- » Brooks Hall is home to CMU's "Integration of Science, Technology and Engineering" (InSciTE) program. This research-based certificate program empowers a unique team of learners to build the transferable skills employers seek through student-driven research projects focused on real-world issues.
- » The renovated Brooks Astronomical Observatory will provide students with hands-on training on a modern computer-controlled telescope and state-of-the-art imaging cameras, which hones skills valuable in a wide range of industries, from astronomy to automation to imaging in manufacturing processes.
- » Improved space for CMU's Institute for Great Lakes Research. The program engages hundreds of students each year in classroom and research activities that prepare them for high-demand careers in STEM Fields.

### **FOSTERING STUDENT SUCCESS:**

- » A centralized location for the College of Science and Engineering's Student Success Center will house academic advising, tutoring, success coaching and career services.

- » Retention rates in the InSciTE program significantly exceed the average rate for CMU, and a dedicated space in the renovated Brooks Hall will allow the university to expand the number of students admitted to the program.
- » The renovated spaces will keep students excited and engaged with science, increasing retention and enrollment in science, technology, and engineering programs.

### **BUILDING SAFETY AND ENERGY EFFICIENCY:**

- » HVAC improvements and modernization
- » Updated air handling, exhaust, and chemical waste systems to improve lab safety for students, faculty, and staff
- » Improved energy efficiency through updates to lighting, high performance glass windows, etc.

### **RESEARCH FACILITIES:**

- » Updated facilities will allow more students to participate in hands-on research, providing rich experiential learning and helping students develop skills for success in scientific and technical careers. CMU is committed to providing opportunities for undergraduate students to engage in original research with faculty mentors.
- » Modernized greenhouse for enhanced academic programming and research.

**A modernized Brooks Hall will assist the university in recruiting and retaining students who will go on to serve Michigan communities and businesses in high-demand jobs.**

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