Northland Community & Technical College
northlandtc.edu
@myNCTC

East Grand Forks

Effective Teaching and Learning Labs

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<th>PRIORITY</th>
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**SUMMARY**
- Part of an ongoing effort to update campus labs
- Received $486,000 in 2021 to complete design and renovation lab funding in adjacent laboratories
- Renovates existing classroom and lab spaces to consolidate and expand the early childhood and education program, pharmacy technology program, respiratory therapist program, and computer and networking technology program
- Creates active learning spaces that simulate real-world working environments
- Impacts programs in high-growth, high-demand career fields in the region

**STUDENT IMPACT**
Improves outdated health sciences and technology lab areas to ensure students are learning in cutting edge and safe spaces that mirror industries in which they will be employed.

Minnesota State University, Mankato
mnsu.edu
@MNSMankato

Mankato

Armstrong Hall Replacement, Phase I

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**SUMMARY**
- Over three phases, constructs new building to replace heavily used but operationally obsolete Armstrong Hall, and renovates portions of five other buildings (Wiecking, Performing Arts, Memorial Library, Clinical Science, and Morris)
- Phase I design involves Phases I–III through design development, and renovates part of the existing Clinical Science building
- Significantly reduces campus square footage
- Replaces half of the general purpose classrooms on campus with new flexible and innovative learning spaces
- Creates new gathering, collaboration, and social learning spaces for students
- Improves space utilization throughout campus

**STUDENT IMPACT**
By replacing half of the classrooms on campus through the replacement of Armstrong Hall, this project impacts nearly every student who attends the university.

Winona State University
winona.edu
@WinonaStateu

Winona

Center for Interdisciplinary Collaboration, Engagement, and Learning

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**SUMMARY**
- Designs the replacement of Gildemeister and Watkins Halls with a new, highly efficient and sustainable building and creates an inviting gateway into campus
- Constructs the first Minnesota State Net Zero Energy building
- Constructs flexible and innovative spaces, including highly visible studio/lab space that support collaborative learning
- Promotes campus-wide interdisciplinary learning
- Incorporates student support services among classroom and labs, improving student access to services
- Supports Winona State’s focus on campus sustainability and resilience

**STUDENT IMPACT**
The new building will create innovative, interdisciplinary learning spaces to support students and faculty in five different colleges within the university.

Lake Superior College
lsc.edu

Duluth

Integrated Manufacturing Workforce Labs

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**SUMMARY**
- Designs the renovation and construction of spaces to accommodate integrated manufacturing programs
- Eliminates costly leased space and renovates underutilized campus classroom space
- Impacts students in high-demand computer-aided design, machine tool, welding, electronics, and civil engineering programs
- Expands manufacturing programs
- Creates state-of-the-art lab with updated technology and equipment

**STUDENT IMPACT**
Improves and expands learning spaces for the integrated manufacturing program by relocating program back to main campus for greater access to Lake Superior College’s student services, student community, housing, and interdisciplinary collaboration. Further enhances student tours, recruitment efforts, community and industry collaboration, and outreach efforts at a more prominent and visible location on main campus.

Lake Superior College
lsc.edu

Duluth

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