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2016 CAPITAL REQUEST

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LETTER TO OUR ELECTED STATE OFFICIALS AND THE PEOPLE OF MINNESOTA

We are pleased to present our 2016 capital request, which highlights 21 high-priority projects throughout Minnesota. On behalf of over 400,000 students, thank you for your past support of college and university infrastructure investment critical to providing students the learning environments and equipment necessary to prepare them for careers that will keep Minnesota prosperous.

Our request for \$206.3 million in state appropriations, in combination with \$48.2 million of college and university resources, will enable a \$254.5 million capital investment program that advances key strategic regional and statewide priorities. One hundred percent of our request is for projects that directly benefit students and the quality of their education. Minnesota State Colleges and Universities is committed to taking care of our educational facilities, reconfiguring campuses to make space more efficient and minimizing any new square footage. Building on the support of the Governor and the Legislature during the last biennium, our request supports the state's commitment to preservation of public assets and will enable us to be responsible stewards of the state's critical assets. We pledge to continue our track record of rapid and efficient execution of projects.

Projects included in our request represent our highest priority needs:

- > Providing science, technology, engineering, math, allied health, technical, business and education classrooms and labs;
- > Enhancing student support services to increase student success;
- > Maintaining and improving existing facilities and reducing deferred maintenance; and
- > Reconfiguring and rightsizing campus space to increase efficiency.

We look forward to discussing in more detail how our request will build opportunities for students from all backgrounds to have access to an extraordinary education. Thank you for your consideration.



Michael Vekich
Chair, Board of Trustees



Steven Rosenstone
Chancellor

Why support is needed for these projects

The 2016 Capital Budget request will:

- > Take care of the buildings we have and need
- > Respond to changing demographics and learning strategies of our students
- > Emphasize adaptive reuse and repurposing space in all our projects
- > Replace obsolete classrooms and labs with modern, efficient learning spaces
- > Fund designs of space for the next generation of students

By the numbers:

Minnesota State Colleges and Universities is large: It is the fifth largest system of public colleges and universities in the country. The system has 54 campus locations in 47 communities spread throughout the state. Serving over 400,000 students per year, the system has stewardship for 1/3 of state buildings.

28 MILLION
square feet
represents about
one-third of the total
square footage of
Minnesota public
buildings

Minnesota State
Colleges and
Universities operates
approximately **2,250**
classrooms and
1,625 labs

22 MILLION
square feet is
dedicated to
academic and
student support
space

Source: EMS Campus/ISRS



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Capital Budget Priorities

Minnesota State Colleges and Universities' 2016 capital budget request starts with the system's overall strategic goals of **ensuring access to an extraordinary education** at an **affordable price** and making MnSCU the **partner of choice for Minnesotans** for higher education.

The system capital budget process involves:

- > **Setting Priorities.** The Board of Trustees adopts capital budget guidelines, which set priorities for the colleges and universities in the next capital budget cycle
- > **Relying on Plans.** Colleges and universities draw upon their most current comprehensive facilities plans for their capital project requests
- > **Collecting Requests.** In an average biennium, colleges and universities identify \$250-\$400 million worth of capital projects and over \$300 million of HEAPR needs from its colleges and universities

- > **Sorting it all out.** To help prioritize what gets included on the final list, the system engages in a capital scoring process unique among higher education systems. The process:
- > **Involves over 100 individuals** among our colleges and universities. These individuals represent a variety of disciplines and responsibilities and include **faculty and staff**.
- > **Evaluates requests** submitted by our campuses based on the Board's guidelines for capital projects.
- > **Results in recommendations.** The results of this process are tabulated, and after review by the presidents, system leadership and approval from the Board of Trustees, a capital budget recommendation is forwarded for legislative and gubernatorial consideration.

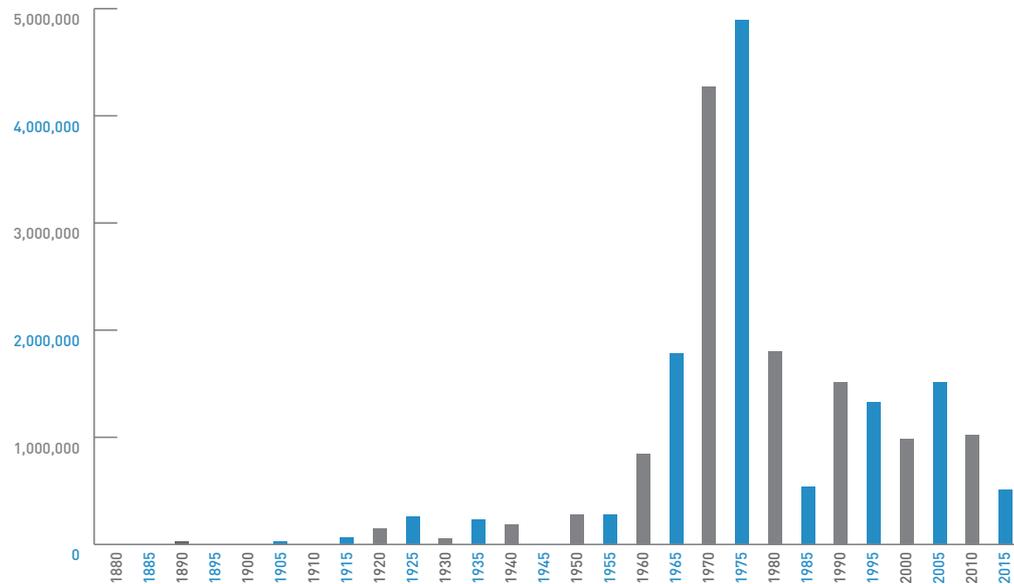
Taking Care of What We Have

Our colleges and universities have approximately 843 academic buildings and over 325 acres of roofs. The majority of our buildings and related systems were built between 1965 and 1975, and many are reaching "middle-age."

The 2016 capital budget acknowledges the realities of this space and reflects the need to take care of what we have with the system's number one request of \$110 million for Higher Education Asset Preservation and Replacement (HEAPR).



OUR BUILDINGS ARE NOW APPROACHING MIDDLE-AGE



[Source detail: 2014 FRRM. 5 year cohorts. Ex. 1950 represents 1946 - 1950]



Bonding Project Locations



The Outcome

\$56.7 MILLION +
reduction in deferred maintenance

150+
Classrooms and labs improved

675,000 +
square feet renovated and renewed.



Remove over **225,000** square feet of obsolete space

3%
of the system's square footage upgraded

THE 2016 CAPITAL BUDGET WOULD IMPACT:

18 Cities **5** Universities **14** Colleges **19** Campuses

2016 Priority List

PRIORITY	CAMPUS	PROJECT TITLE	\$ MILLIONS	PAGE
1	Statewide	Higher Education Asset Preservation and Replacement (HEAPR)	\$110	8-9
2	South Central College, North Mankato	STEM and Healthcare design and renovation	\$8.6	10
3	Minnesota State Community and Technical College, Fergus Falls	Center for Student and Workforce Success design and renovation	\$0.9	10
4	Minnesota State Community and Technical College, Wadena	Library and Student Development design and renovation	\$0.8	11
5	Northland Community and Technical College, East Grand Forks	Laboratory design and renovation	\$0.8	11
6	Bemidji State University	Academic Learning Center (Hagg-Sauer Replacement) design, demolition, renovation and construction	\$18.0	12
7	Rochester Community and Technical College	Memorial and Plaza Halls demolition, design, renovation and construction	\$20.3	12
8	Hibbing Community College	Campus reconfiguration	\$9.9	13
9	Winona State University	Education Village Phase II renovation and demolition	\$25.3	13
10	St. Cloud State University	Student health and academic renovation	\$18.5	14
11	Minnesota State University, Mankato	Clinical Sciences Phase II renovation	\$6.5	14
12	Anoka-Ramsey Community College, Coon Rapids	Nursing and Active Learning Center and Humanities design and renovation	\$4.9	15
13	Century College	Applied Technology Center design and renovation	\$5.5	15
14	Hennepin Technical College, Brooklyn Park	Advanced Manufacturing Integration and Revitalization, Phase I, design and renovation	\$8.2	16
15	Normandale Community College	Classroom and Student Services renovation design	\$1.1	16
16	Minnesota State University Moorhead	Weld Hall renovation design	\$0.7	17
17	Inver Hills Community College	Technology and Business Center renovation design	\$1.0	17
18	Riverland Community College, Albert Lea	Transportation, Trade and Industrial Education Center design, construction, and renovation	\$7.4	18
19	St. Cloud Technical and Community College	Classroom renovation	\$0.6	18
20	Minneapolis Community and Technical College	Hennepin Skyway design and renovation	\$4.4	19
21	Twin Cities Baccalaureate Access	Pre-design and design	\$0.3	19

STATE SUPPORT: \$206.3
MnSCU FINANCED: \$48.2
TOTAL: \$254.5



Minnesota
STATE COLLEGES
& UNIVERSITIES

Minnesota State Colleges and Universities

HIGHER EDUCATION ASSET PRESERVATION AND REPLACEMENT (HEAPR)

#makingMNwork #HEAPR



Minnesota State Colleges and Universities is seeking \$110 million in Higher Education Asset Preservation and Replacement (HEAPR) funding for building systems at its 54 campus locations. This request includes roofs and exterior building envelopes, plumbing and electrical systems, heating, ventilation and air conditioning (HVAC), and the upgrade of life safety and code matters.

Forecasting MnSCU's Deferred Maintenance Needs

Minnesota State Colleges and Universities has a backlog and 10 year renewal need of \$1.64 billion. Of that:

\$741 MILLION
needed to catch up to bring all its building systems out of backlog status.

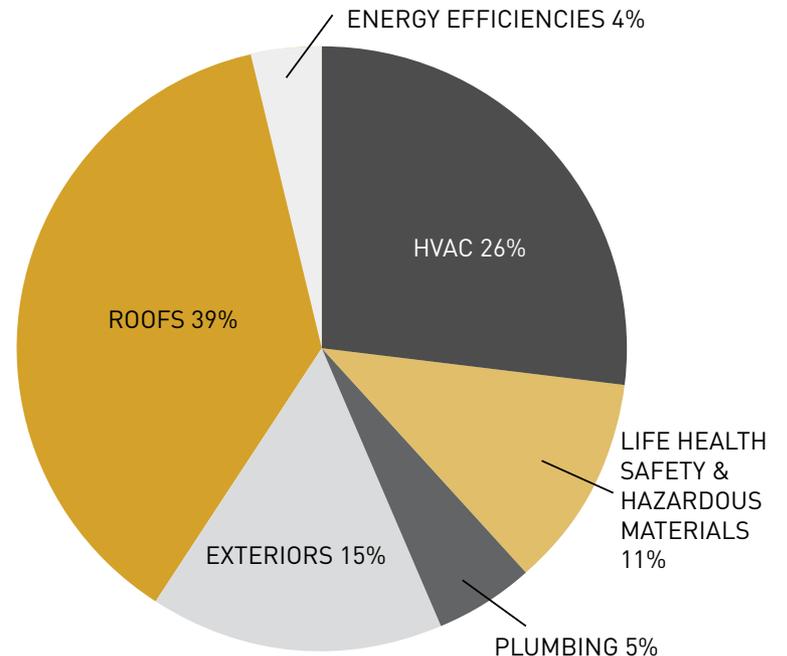
\$901 MILLION
to keep up

Why is HEAPR funding crucial?

- > Keeps students safe, warm and dry
- > Ensures that campus operating dollars are used to improve educational outcomes
- > Reduces total cost of ownership for our colleges and universities and the state (operating plus capital investments)
- > Reduces the immediate deferred maintenance outlook (\$1.64 billion and climbing)
- > Meets the state and MnSCU's objectives for creating sustainable buildings

2016 HEAPR Request

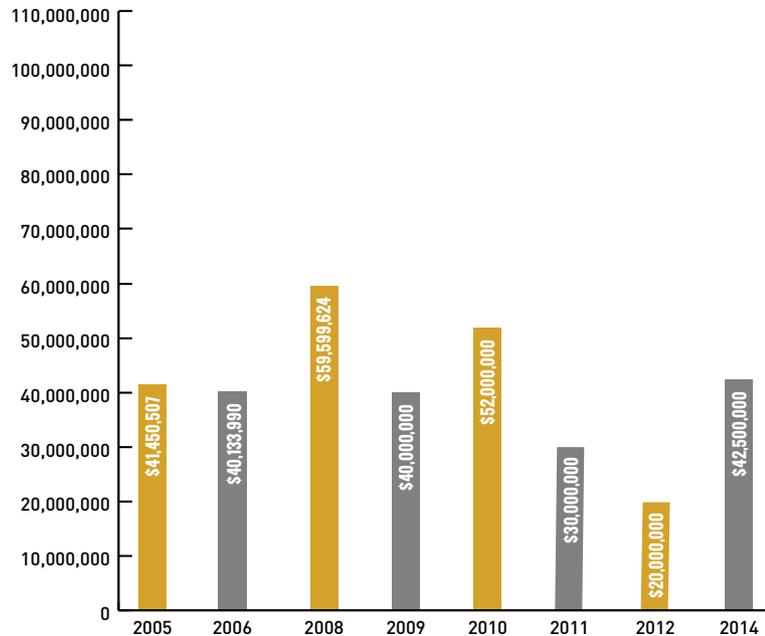
Minnesota State Colleges and Universities' request falls into the following categories and percentages.





HEAPR Appropriations

Since 2005, the State of Minnesota has appropriated a total of \$325 million to Minnesota State Colleges and Universities for HEAPR. The year by year appropriation is shown below:



HEAPR Project Execution

Historically, Minnesota State Colleges & Universities developed and implemented a HEAPR execution strategy to encumber funds within 24 months of appropriation and complete HEAPR projects within 30 months. Often, a campus receives funding during a bonding bill to design the project in year one and complete the work in year two.

Of the \$42.5 million of HEAPR received in the 2014 capital bonding bill, our colleges and universities have encumbered 68% as of June 2015. The encumbrance and spend rates will continue to accelerate, and all funds will be encumbered and spent by the end of 2016.

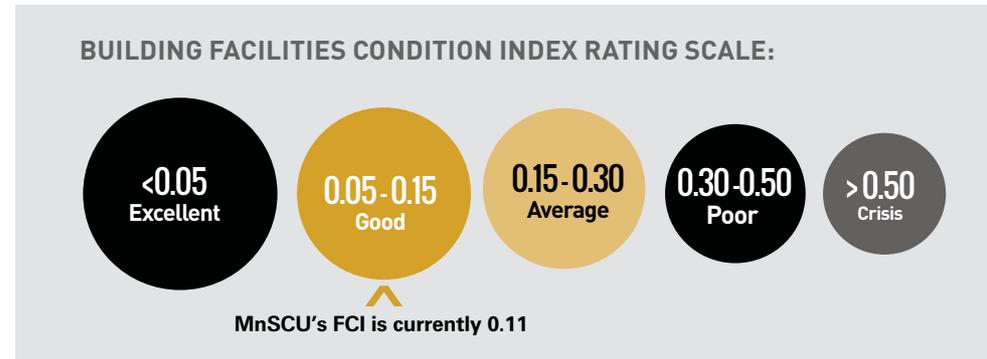
Other Sources

As part of the state's capital guidelines, the system also evaluates all HEAPR requests to determine if they could be financed by alternative means, such as by internal campus funds or by guaranteed energy savings contracts. As of June 2015, the Board of Trustees has approved over \$14 million worth of guaranteed energy savings contracts that would otherwise have been part of the HEAPR request.

Facilities Condition Index

A measure of facilities health is known as the Facilities Condition Index or "FCI," which is a ratio of the amount of backlog per current replacement value. FCI is used to describe the state of a building or to describe the collective condition of a group of buildings.

Minnesota State Colleges and Universities' FCI is currently 0.11, which is in the "good" range:



(Scale Source: Minnesota Enterprise Real Property Standardized Facility Condition Assessment)

Reinvestment Strategy

Our goal is to reduce the Facilities Condition Index by one-half to reach "Excellent" condition, which would result in lower total ownership costs for our colleges and universities. To achieve this goal, we expect to use a blend of HEAPR appropriations, backlog reductions from capital projects and campus operating dollars. Two of the three funding streams are dependent on the outcome of a bonding bill:

REINVESTMENT STRATEGY FOR 2016

	BIENNIUM	YEAR
HEAPR	\$110 million	\$55 million/year
Capital Projects	\$56 million	\$25.5 million/year
Average campus R&R spending	\$66 million	\$33 million/year
Total	\$232 million	\$113 million



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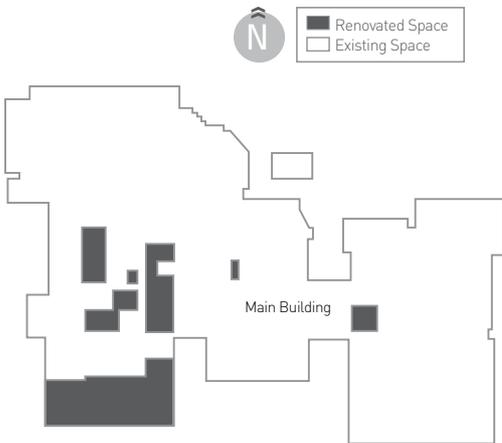
STEM and Healthcare design and renovation, North Mankato

This project renovates and renews existing STEM and Healthcare facilities on South Central College's North Mankato campus, which is located in the heart of south central Minnesota. Given the economic strength and continued growth of this region, any investment made in South Central College will provide a significant return for students and the marketplace as a whole. The project:



Healthcare and Manufacturing Data: 2014 DEED Quarterly Census of Employment and Wages Agribusiness Data: 2012 USDA Census of Agriculture

*GSF = Gross Square Feet



Student Impact:

Approximately 1,700 students will benefit from updated, flexible multipurpose labs that provide experiential learning opportunities. Greater Mankato and the surrounding south central Minnesota region is identified as a geographic hub for four sectors: Education, Healthcare, Manufacturing and Agribusiness.

Community Impact:

All of the improvements in this renovation directly target industries with high growth, including the college's Healthcare, Manufacturing and Agribusiness programs, which provide the employees these industries need.

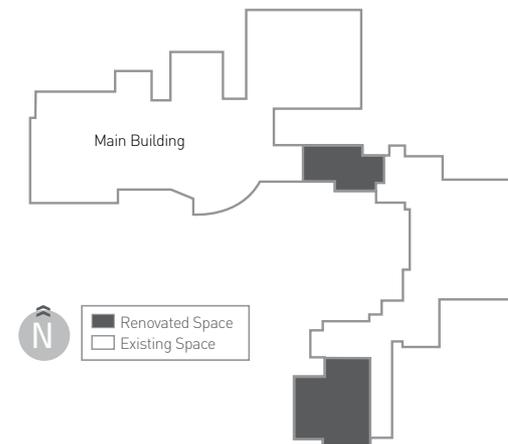
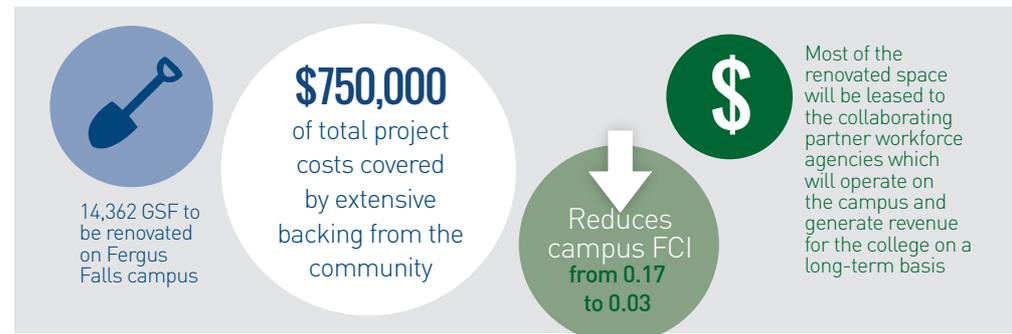


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Center for Student and Workforce Success design and renovation, Fergus Falls

This project designs and renovates the campus library wing, which has not been renovated since the early 1970s. The project rightsizes the library and creates a collaborative Center for Student and Workforce Success (CSWS), combining the college's access, career and transfer services with services offered by the Regional Workforce Center and its participating federal, state and local partners in Fergus Falls. Academic and career planning services will be readily available, positively impacting retention and completion through job placement or transfer to a university.



Student Impact:

The Center for Workforce Success will provide a one-stop site for both M State students and community members who are training, retraining, unemployed or under-employed. All Fergus Falls students and community residents are potentially impacted by this project.

Community Impact:

Project will expand community access to both education and employment options, better fulfilling the missions of both M State and the Regional Workforce Center.



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@mstatewadena

Library and Student Development design and renovation, Wadena

This project designs and renovates core student service spaces and relocates the library to existing classroom space near the center of campus that was taken offline after the 2010 tornado. A student development center will be recreated to assist with student engagement and circulation on campus. The new space will place the library, new study rooms, and student services in close proximity to the campus bookstore, food service, and student gathering space, improving student access to these services.



7,256 GSF to be renovated

600+
Students on campus will be affected.



Relocates employees currently housed off campus in rented space to renovated on-campus spaces, reducing college operating costs



Student Impact:
All students on the Wadena campus will benefit from increased access to the library, study spaces, and student services.

Community Impact:
This project would allow for more accessible space for Veteran's Center as well as a campus learning center.



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@ThinkNorthland

Laboratory design and renovation, East Grand Forks

This project designs and renovates four outdated laboratory spaces within the East Grand Forks campus to increase lab safety, improve ADA compliance, and update lab equipment. The renovated anatomy lab will allow for new technologies in anatomy and physiology, including a virtual dissection table. This new technology allows students to virtually dissect a human cadaver. The redesigned microbiology lab will allow students to learn current molecular lab techniques, providing them with hands on experience of many advanced concepts, including DNA replication, gene structure, cell cloning, DNA sequencing, and genetic modification. Radiologic technology lab updates will increase program capacity by over ten percent. Additionally, the lab will be updated to accommodate digital imaging equipment in a simulated clinical setting.

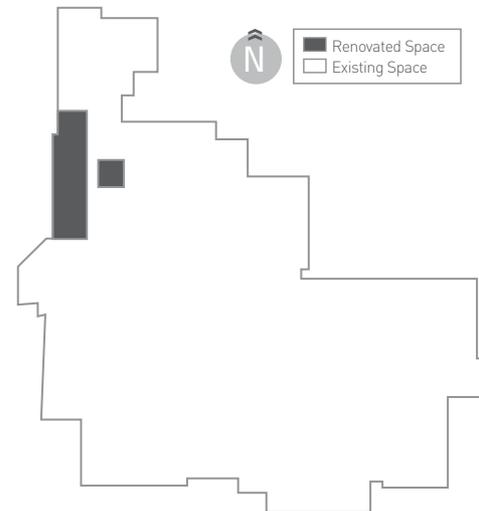


5,204 GSF to be renovated in labs for Biology, Chemistry, Anatomy & physiology and Radiologic Technology programs

\$310,000
reduction in deferred maintenance



Improves access for students with disabilities



Student Impact:
The renovated laboratories will provide students access to up-to-date technologies helping them obtain jobs in the growing health care industry. This work could impact approximately 80-100 students a year in these high-tech programs.

Community Impact:
Employment outlook data for northwest Minnesota forecasts 17% growth in the need for medical and clinical lab technicians, a 15% increase for licensed practical nurses, and 13% growth in the need for radiologic technologists. The nursing and allied health programs strive to meet the demands of healthcare providers in the region.

Source: DEED Employment Outlook Data Tool for Northwest Minnesota High Growth/High Pay Occupation Projections as of July 2015

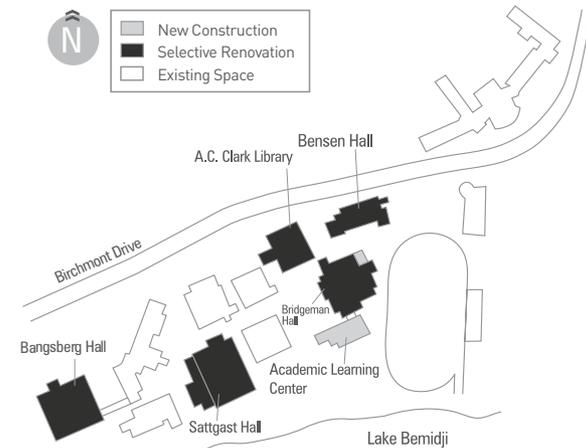


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Academic Learning Center (Hagg-Sauer Replacement) design, demolition, renovation and construction, Bemidji

This project will finish design and replace Hagg-Sauer Hall, the university's main classroom building, with a new Academic Learning Center, and renovate space in several other halls. The project includes the demolition of Hagg-Sauer Hall, constructing a 25,000 GSF classroom building where Hagg-Sauer once stood, and renovating underutilized space in five other buildings to better distribute the programs. Hagg-Sauer Hall has not been renovated in over forty years and has one of the highest FCI values on campus. The replacement of classrooms, along with the renovations of other buildings, will significantly change the feel of the learning environment to create more open traffic for students and more inviting entrances to buildings. Updated facilities for programs such as geography, computer science, and psychology will enhance access to current technologies and the ability to have the right type of space to work with community partners.



Student Impact:
Over half of all students on campus will be directly impacted by improvements in their learning environments and by creating "front doors" for several departments and disciplines.

Community Impact:
Updated academic spaces will give students a greater ability to work with community partners.

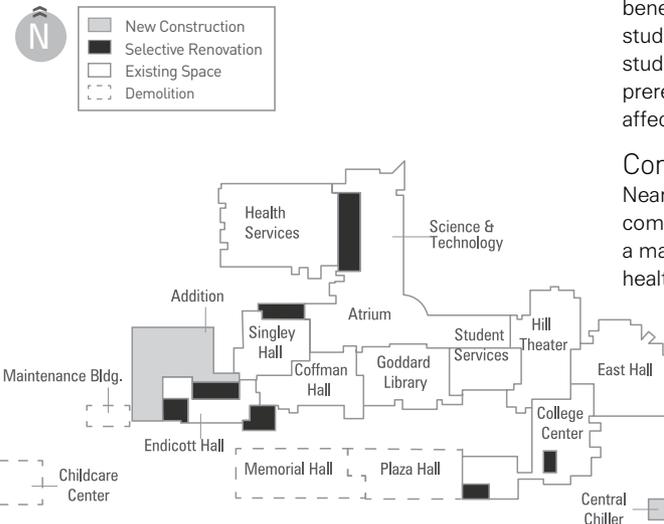
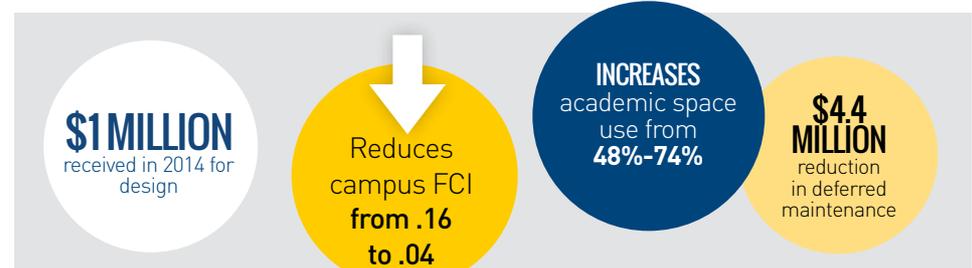


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Memorial and Plaza Halls demolition, design, renovation and construction, Rochester

This project completes design and demolishes outdated academic and support space, adds to an existing building, and renovates current academic and student support space, resulting in more efficient campus buildings with rightsized classrooms for current learning strategies. The project also replaces an outdated chiller plant with a central chiller plant to gain efficiencies. This project includes updated technology, sound and acoustics, new small group study spaces and informal student space. The end result will increase classroom space utilization and rid the campus of substantial amounts of obsolete space. The project demolishes 38,000 GSF of obsolete classroom/office space, mothballed childcare center, and maintenance shed; expands Academic Building by 20,000 GSF; and renovates 11,000 GSF of academic/student support space.



Student Impact:
Over 2,500 Liberal Arts students will benefit from updated classroom and student support spaces; in addition, students in nearly all programs take prerequisite courses in classrooms affected by this project.

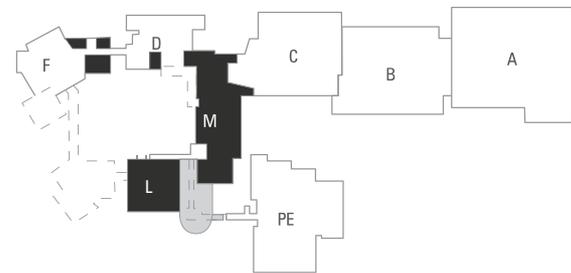
Community Impact:
Nearby Mayo Clinic is a growing community partner of RCTC and a major employer of graduates in health care and STEM programs.



Campus reconfiguration, Hibbing

This project removes portions of two existing buildings and a covered walkway while renovating five buildings and constructing a small addition to create a welcoming entrance for students and the community. The project reorients the campus "front door," improves and simplifies campus circulation, improves energy efficiency, and benefits students and staff by housing everyone closer to the main educational space. Students will have access to improved technology, flexible classrooms and improved learning environments. This project will also provide Advanced Minnesota a new technologically supported, centrally accessible location in which to serve the 500 businesses and 14,000 individuals of the area's incumbent workforce. A new one-stop student services area will provide current and future students convenient access to enrollment, registration, and financial aid services.

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Student Impact:
All students will benefit from improved access to flexible, modern learning environments, the new Learning Commons, and the new one-stop student services area.

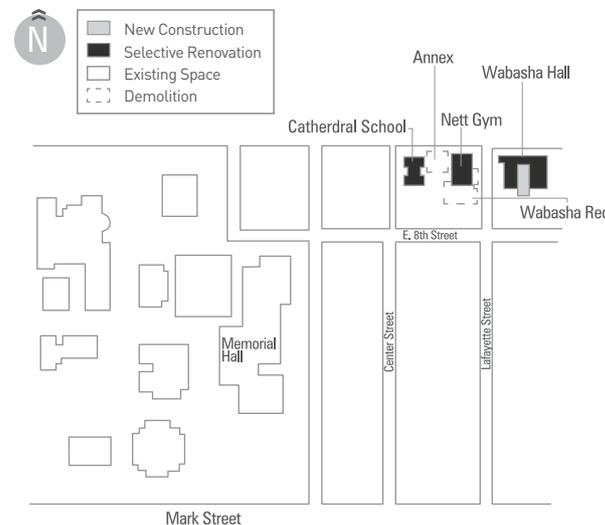
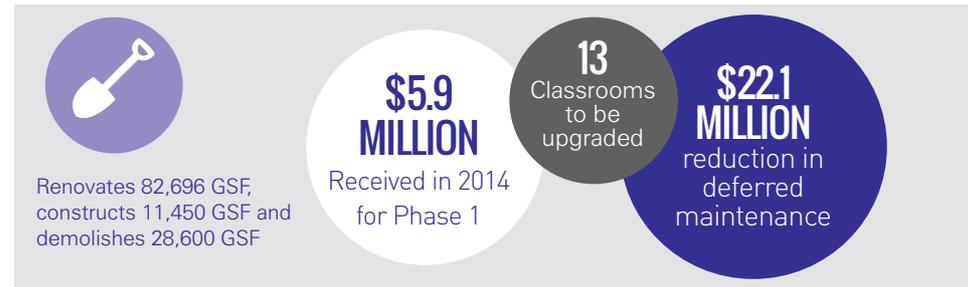
Community Impact:
Advanced MN/Customized Training Center, a consolidation of the five Northeast Higher Education District (NHED) customized training departments into one enterprise, serves 500 businesses and 14,000 local customers; the Center will benefit from its repurposed campus space with accessible classroom, lab, and office space.



Education Village Phase II renovation and demolition, Winona

Phase II of the Education Village project renovates three existing buildings—Wabasha Hall, Wabasha Rec Center and the Cathedral School—creating specialty labs and classrooms serving all education programs. Obsolete portions of the Wabasha Rec Center and Annex between Cathedral Hall and Wabasha Rec will be removed as part of this project. Specialty spaces will be equipped with the modern technologies, resources and equipment necessary for the preparation of tomorrow's teachers, counselors, coaches, mentors and educational leaders. Outdated space will be converted into flexible, high tech space that can be used in multiple ways, such as for adult learning, workforce training, and corporate and partnership meetings. Wabasha Hall currently houses the WSU Child Care Center, which will remain as an important part of the integrated approach referred to as the B-20 (Baby to Graduate) educational spectrum.

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Student Impact:
More than 2,000 students (20% of the student body) from the College of Education will benefit from this project.

Community Impact:
In Minnesota and surrounding states, 72 percent of school districts report shortages of new graduates prepared to teach in Special Education, Sciences, Math, Technology, Foreign Languages and English as a Second Language; this project provides updated space for the education of these future teachers.



ST. CLOUD STATE
UNIVERSITY

Student health and academic renovation, St. Cloud

The renovation of Eastman Hall, a three-story riverfront facility currently not in use, co-locates academic and health related programs. Co-locating Student Health Services, Counseling and Psychological Services, U-Choose and the Recovery Community will coordinate delivery of student health services, increase access for SCSU students, and reduce the stigma of seeking mental health services. This project enhances collaboration between the School of Health and Human Services and student services to increase experiential learning opportunities. The new location for the School of Health and Human Services will support workforce demands in health and human services, and improved professional spaces will allow existing academic programs to offer more real world experiences to students.

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@stcloudstate



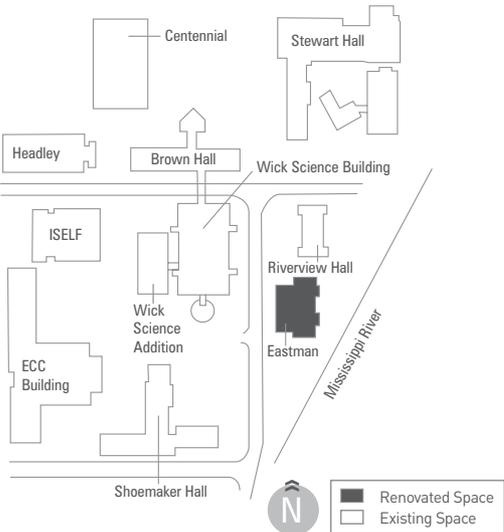
Renovates 43,291 GSF and creates 15,562 GSF of additional space within existing footprint

\$865,000 received in 2014 for design

\$3,836,000 reduction in deferred maintenance



Achieves greater energy efficiency by replacing existing windows and HVAC



Student Impact:

This project will have a significant impact across the student population. With Student Health Services having 16,000 visits annually, Counseling and Psychological Services 3,600 visits, and U-Choose and Recovery Community outreach to 8,000 students, all students will benefit from these consolidated health-related services. The more than 2,600 students in the School of Health and Human Services will benefit from interdisciplinary experiential learning spaces.

Community Impact:

This project accommodates the documented demand for university graduates in health related fields by providing experiential learning spaces that enhance education.



MINNESOTA STATE UNIVERSITY
MANKATO

Clinical Sciences Phase II renovation, Mankato

Phase II of the Clinical Science Project renovates and renews space in four different buildings—Wiecking Center, Wissink Hall, Armstrong Hall and Morris Hall—to repurpose space vacated by programs moving into the new 2014 Clinical Sciences building (Phase I). In addition, this phase completes the renewable energy installation (solar) in the new Clinical Science building. The project benefits five different departments in three different divisions. The consolidation of the Psychology department as part of this project will eliminate the need to lease off-campus space and eliminate inefficiencies of faculty being scattered in several locations across campus. Work in the Wiecking Center includes remodeled food labs and classrooms along with HVAC upgrades. A new collaborative learning lab will include new equipment and technology in hands-on learning environments.

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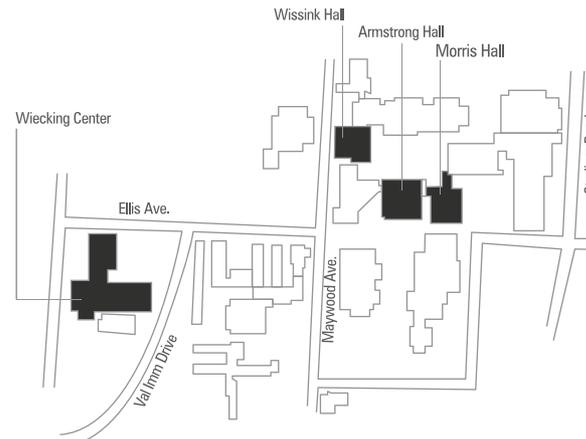
Renovates 21,744 GSF over 4 different buildings; 25,000 GSF roof replacement

\$2.065 MILLION received in 2012 for design and **\$25.818 million** in 2014 [phase 1 for the construction of the new Clinical Sciences building]

\$3.4 MILLION reduction in deferred maintenance



New solar panels to be installed on the Clinical Sciences Building will generate **22,500 kWh** of energy with the 15kW array and save the campus **\$1,600 to \$2,250** per year on utility costs



Student Impact:

Over 1,900 students in various programs will benefit from the remodeled academic spaces in this project; all students will benefit from the addition of flexible instruction classroom space at Morris Hall.

Community Impact:

The dental clinic previously located in the basement of Morris Hall (part of Phase II) is now in the new Clinical Science Building (Phase I) and expected to serve over 8,000 patients a year.



Nursing and Active Learning Center and Humanities design and renovation, Coon Rapids

This project initiates the design and renovation of an existing 1960s-era humanities building and funds the design of a new Nursing and Active Learning Center (NALC) and related campus redevelopment. Subsequent phases will affect nearly all areas of campus, demolishing two existing buildings and constructing the new Nursing and Active Learning Center. The NALC will contain new nursing labs and learning spaces that support current and anticipated student demand in both the Associate of Science in Nursing Degree (ADN) and Bachelor's in Nursing (BSN) levels for the Minnesota Alliance for Nursing Education (MANE) curriculum.

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@AnokaRamseyCC



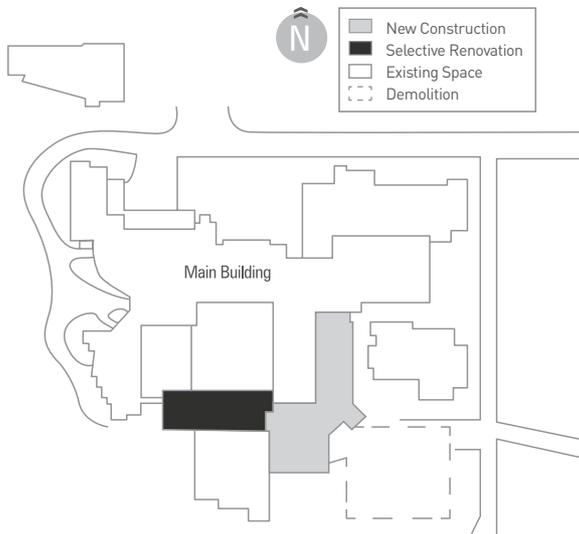
Renovates 23,328 GSF (Phase 1), designs 51,200 GSF new facility



New space allows increased enrollment in nursing programs



Improves campus wayfinding and creates a welcoming gateway



Student Impact:

All students in the nursing program will benefit from this project, and the new facility will allow for increased enrollment in the nursing program. All students will be affected by later phases of the project.

Community Impact:

This project directly allows expansion of the nursing program to meet projected regional workforce needs.



CENTURY COLLEGE



Applied Technology Center design and renovation, East Campus, Mahtomedi

This project creates a multi-disciplinary Engineering and Applied Technology Center and continues development of a STEM precinct on the east campus. The project is located adjacent to the newly relocated and updated Fabrication and Engineering labs, flexible classroom addition, and the Science Library building. Flexible space will be created for computer science, math and other STEM faculty, along with an adjacent learning commons area for integrated and interdisciplinary study. The adjacent welding laboratory will also be upgraded to more closely meet the needs of the applied technology/mechatronics program areas and begin expansion into the robotic welding competencies.

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@CenturyCollege

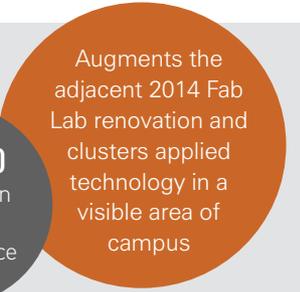


Renovates 23,500 GSF

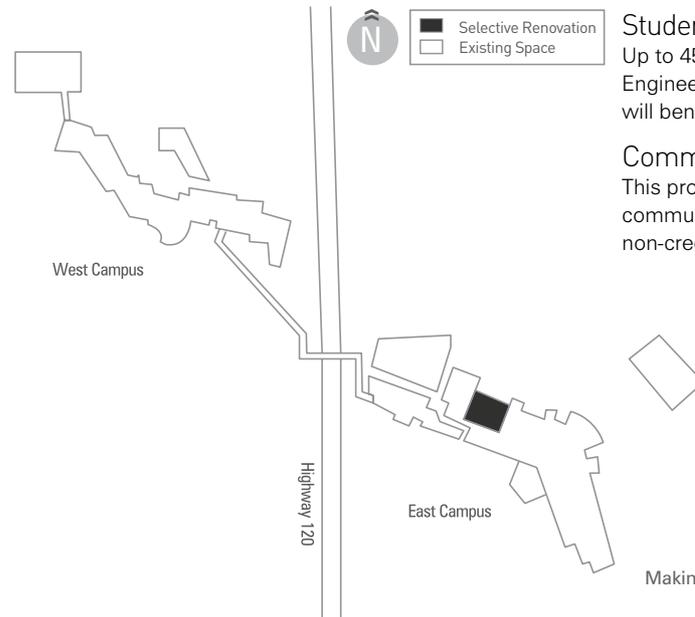
Upgrades to HVAC systems will provide greater energy efficiency and reduce operating costs



\$590,000 reduction in deferred maintenance



Augments the adjacent 2014 Fab Lab renovation and clusters applied technology in a visible area of campus



Student Impact:

Up to 450 students in Applied Engineering and STEM programs will benefit from this project.

Community Impact:

This project increases student and community access to credit and non-credit courses.



Hennepin Technical CollegeSM

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Advanced Manufacturing Integration and Revitalization, Phase I, design and renovation, Brooklyn Park

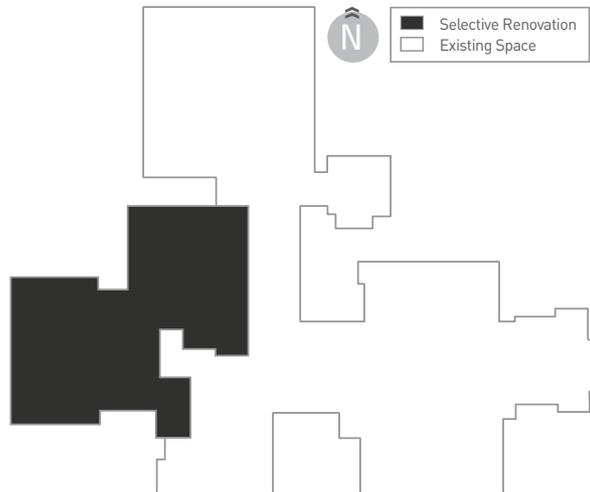
The Advanced Manufacturing Integration and Revitalization (AMIR) project renovates and updates skilled technical spaces on the Brooklyn Park campus. The renovated spaces will house state-of-the-art manufacturing labs and foundational learning spaces, faculty offices, and support spaces modeled after advanced manufacturing industries. Phase I will provide design funding for the entire project as well as construction funding for roof replacement and remodeling to create a new entry and identity for the AMIR programs. Phase I will also include related interior remodeling of existing lab spaces and classrooms associated with Electronics, HVAC and Welding programs. Phase II will fund the remaining construction and roof replacement.



Designs Phases 1 and 2; renovates **25,530 GSF**

REPLACES 40+
year old HVAC systems, improving overall campus energy efficiency by **14%**

\$6.2 MILLION
reduction in deferred maintenance



Student Impact:

Students in more than nine different programs will benefit from the updated lab spaces in this project.

Community Impact:

The northwestern metro area holds the largest concentration of manufacturing companies in the Twin Cities; these companies will benefit from increased numbers of graduates with Advanced Manufacturing skills.



NORMANDALE COMMUNITY COLLEGE

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Classroom and student services renovation design, Bloomington

This project designs two future construction phases that will renovate the first floor of the College Services building as well as construct site improvements that address ADA compliance and storm water management issues. When all three phases are complete, this project will result in improvements to 32 classrooms, a math lab, an open computer lab, the tutoring center, and related support spaces. Departments affected by the classroom renovations include Computer Technology, Computer Science, Economics, Math, and Reading. Creating a centralized Student Service Hub will simplify the academic support process and allow staff more time to support students. Renovating classrooms will remove tiered classrooms that limit active learning capacity.



Renovates **51,000 GSF**

Phase I designs Phases II and III

IMPROVES
the experience of first-generation college students and increases retention

\$10.2 MILLION
reduction in deferred maintenance



Student Impact:

The renovation will serve all of the nearly 14,000 students and improve classrooms for 35 departments that use the building.

Community Impact:

Increases the space available for Veteran's Resource Center, Diversity Center and Experiential Education to increase success of underrepresented populations.



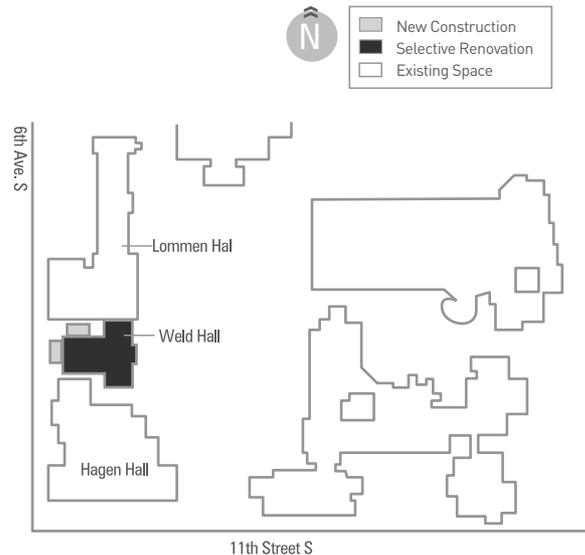
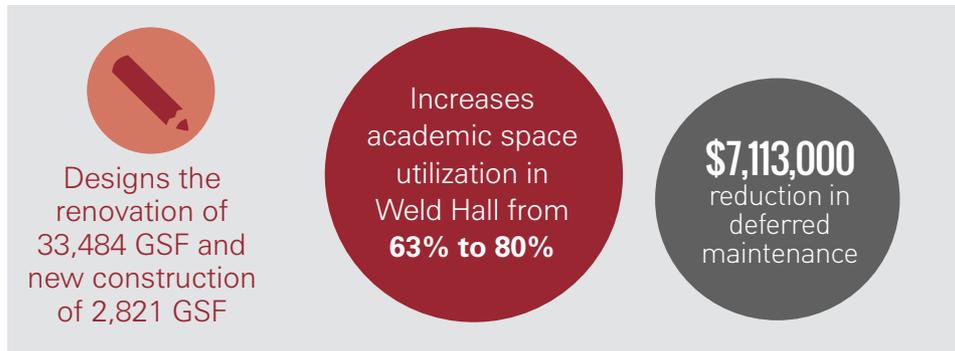
MINNESOTA STATE UNIVERSITY
MOORHEAD.

Weld Hall renovation design, Moorhead

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This project designs the renovation of Weld Hall to address significant deferred maintenance, improve pedagogy, and rightsize classrooms. This project increases the number of multi-functional classrooms and reduces offices. The renovated classrooms capitalize on new teaching methods, classroom discussion, technology use, and student-faculty engaged research and creative activity. Classroom sizes will be realigned to better serve a variety of class sizes and pedagogical approaches.



Student Impact:

Weld Hall serves over 3,000 students in English, Music, Film, Theatre, Construction, and Operations Management who will benefit from this project.

Community Impact:

Renovations will expand opportunities for engagement with the general public and regional employers by creating flexible spaces for multiple public uses.

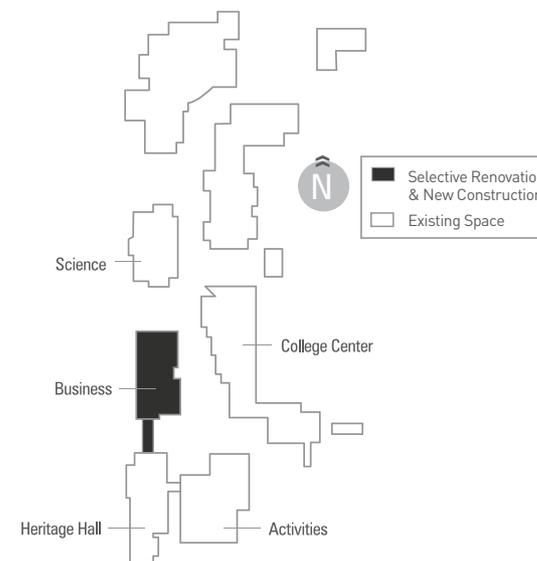
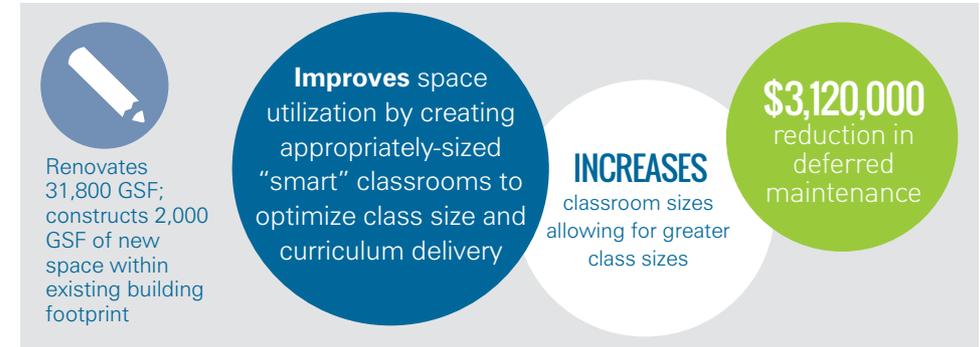


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Technology and Business Center renovation design, Inver Grove Heights

This project designs the renovation of the existing Business Building creating a Technology and Business Center and link to Heritage Hall, improving access and classroom configurations. The Technology and Business Center will physically allow the STEM Division to create a more cohesive working unit by locating nearly all of the Division's departments together in the combined Heritage Hall/ Technology and Business Center complex. The design incorporates new square footage within the existing building footprint by expanding into the building's unused volume. This project also aligns academic pathways between the community college and four year baccalaureate programs in Business and Accounting.



Student Impact:

This project benefits approximately 2,800 students in programs including Business, Accounting, Paralegal, and Computer Science.

Community Impact:

This project provides greater learning access to underserved populations, students of color, high school students, and adult learners.



Riverland COMMUNITY COLLEGE

#makingMNwork

@RiverlandNews

Transportation, Trade and Industrial Education Center design, construction, and renovation, Albert Lea

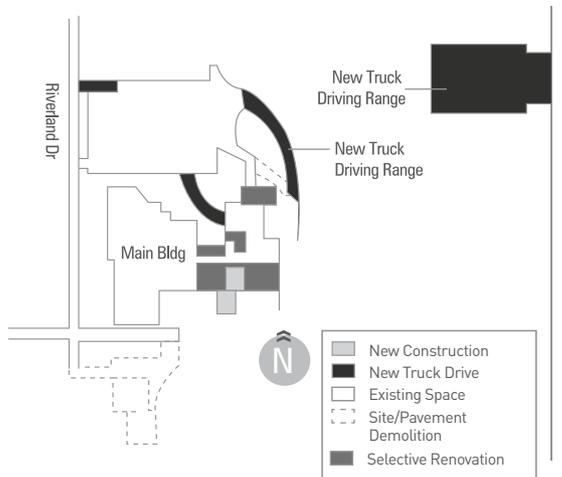
This project renovates outdated space to relocate Truck Driving and Collision Repair programs from Austin to Albert Lea and integrates these programs into shared spaces with Auto Service and Diesel programs. Updated spaces and systems will increase enrollment and retention. Additional demolition will remove the obsolete Gateway Building.



Renovates 39,173 GSF; demolishes 7,488 GSF; and constructs 8,734 GSF of new space and infill within existing building

\$1,851,000
reduction
in deferred
maintenance

Reduces
campus FCI
0.13 to 0.10



Student Impact:

The programs benefiting from this project, which enroll nearly 400 students, are designed to serve underrepresented populations, including veterans and those returning to the workforce, with living wage jobs in highly-desired programs.

Community Impact:

This project will benefit many local businesses and industries who employ graduates of the various Trade and Industrial programs.



ST. CLOUD TECHNICAL & COMMUNITY COLLEGE

#makingMNwork

@SCTCC

Classroom renovation, St. Cloud

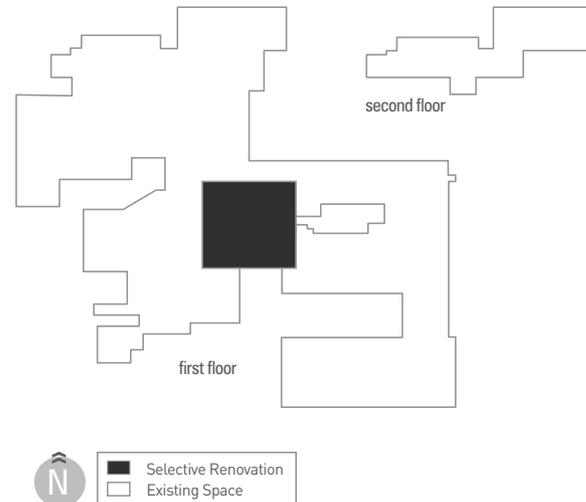
This classroom renovation project creates three large multi-functional classrooms and an art classroom. The creation of large, multi-functional classrooms from non-functional space provides the opportunity to hold larger classes in an active learning environment using a variety of instructional pedagogies facilitated by the classroom design and modular furnishings. The project will utilize space that cannot currently be used, rightsize space that is not efficient or effective for use, and enhance student access, learning, and community engagement through classrooms designed to serve multiple functions.



Renovates
9,566 GSF

Improves
student learning
through
interactive
classrooms

\$141,000
reduction
in deferred
maintenance



Student Impact:

This project will serve over 2,000 students taking Liberal Arts and prerequisite courses annually.

Community Impact:

Enhances access to classrooms and student advising offices.



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Hennepin Skyway design and renovation, Minneapolis

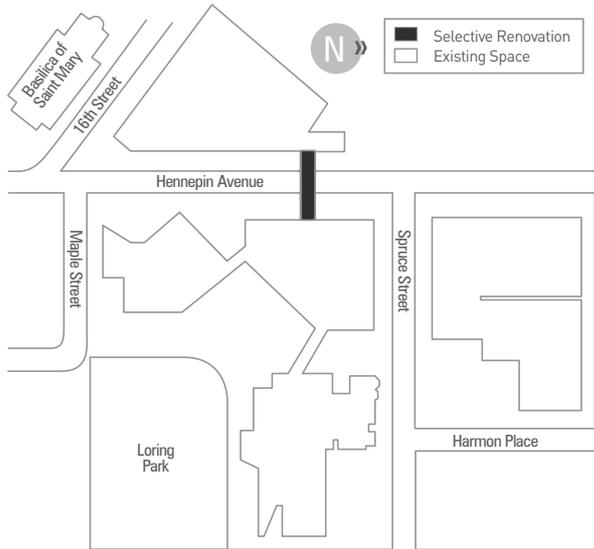
This project renovates the Hennepin Avenue Skyway, which serves as the primary connector between the parking ramp and main campus buildings. The renovation will reclaim some of the skyway's existing circulation space for collaborative space for students and repair deteriorated connectors between the skyway and buildings. Deteriorating sealant joints have allowed moisture infiltration behind the panel system and caused energy loss as well as damage to the structure concealed behind the panels. The recladding and remodeling project will significantly increase the views and daylight available to this connection, enhancing connections to the campus and parking ramp. Existing issues with water and air leakage will be resolved, saving on continuing repair costs.



Renovates
3,350 GSF

\$1,103,000
reduction
in deferred
maintenance

Reclads and
remodels existing
skyway, providing
new student
collaborative space



Student Impact:

The skyway serves approximately two-thirds of the 13,800 student population on a daily basis and is an extension of the T Building. It serves as the front door to campus from the parking ramp, and as such, is a space of first impression for new students.

Community Impact:

Hennepin Avenue is a major roadway with average traffic counts of 13,000–14,000 per day. The skyway is one of the major identifying characteristics of the college.



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Baccalaureate Access predesign and design, Twin Cities Metropolitan Area

This project provides predesign and initial design work supporting demographic and economic trends in the Twin Cities Metropolitan region requiring growth and opportunity for an affordable baccalaureate education option for its residents. Demographic research indicates the communities of adult learners with the greatest opportunity to be served by increased access and opportunities reside in the vicinities of downtown Minneapolis and St. Paul, and in the Brooklyn Center and Fridley areas in the northwest metropolitan area. This population has family and employment obligations that make them location-bound. They are likely foreign-born and live near existing community college campuses. We are currently identifying those high-demand, high-growth academic sectors and developing academic pathways for expanded baccalaureate attainment in order to serve these residents. Capital investment in these programs now will secure the opportunity for academic and economic success of these Minnesotans into the future.

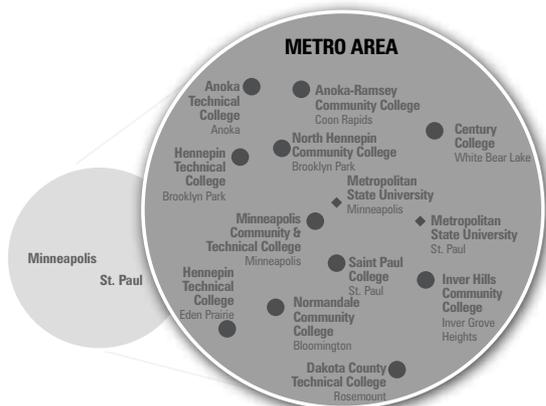


The region is expected to grow by nearly **1 million** people over the coming 3 decades, **100%** of this growth will be in communities of color.

With the regional increase is an expected incremental increase of **570,000** jobs, **75%** of which will require post-secondary credentialing.



210,000
or over one-third
incremental jobs will require
a baccalaureate degree.



Student Impact:

This work creates opportunities for adult learners, ages 24-44, in the Twin Cities metropolitan area to advance economically through affordable baccalaureate degrees in high-growth, high-demand fields.

Community Impact:

Most of the growth in the Twin Cities will be in traditionally underrepresented populations and those who traditionally have not attended higher education institutions. This project will provide educational pathways to improve the future for these residents and the region.

THANK
YOU

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