Preserving Our Campuses to Create Opportunity

2018 CAPITAL REQUEST
MinnState.edu · #MinnStatePriority1
COLLEGES
Alexandria Technical & Community College
Anoka Technical College
Anoka-Ramsey Community College
Central Lakes College
Century College
Dakota County Technical College
Fond du Lac Tribal & Community College
Hennepin Technical College
Hibbing Community College
Inver Hills Community College
Itasca Community College
Lake Superior College
Mesabi Range College
Minnesota Community & Technical College
Minnesota State College Southeast
Minnesota State Community and Technical College
Minnesota West Community & Technical College
Normandale Community College
North Hennepin Community College
Northland Community & Technical College
Northwest Technical College
Pine Technical & Community College
Rainy River Community College
Ridgewater College
Riverland Community College
Rochester Community and Technical College
Saint Paul College
South Central College
St. Cloud Technical & Community College
Vermilion Community College

UNIVERSITIES
Bemidji State University
Metropolitan State University
Minnesota State University, Mankato
Minnesota State University Moorhead
Southwest Minnesota State University
St. Cloud State University
Winona State University
On behalf of more than 375,000 students and our 54 campuses across the state, we are grateful for the time you have spent at our colleges and universities and for your investment in Minnesota State. Thanks to your steadfast support, our colleges and universities can provide all Minnesotans with access to learning environments equipped with the tools and technology that prepare our students to thrive in a changing economy and society.

**Priority #1 is taking care of the assets already on our campuses.** We respectfully ask for specific attention to our $130 million request for asset preservation and replacement funding that will address critical needs at every one of our colleges and universities. The average age of our buildings is nearly 40 years old, reflecting an ever-growing need to replace leaking roofs, overhaul boilers, or repair decaying brick and concrete. These aren’t shiny projects but they’re absolutely vital to our stewardship of the buildings Minnesotans have placed in our care.

Also for your consideration is a building program of 15 projects on campuses in nearly every region of the state. They represent our most pressing needs, including:

- 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.

Our request for $193.0 million in state support, along with $31.5 million from college and university resources, will enable a $224.5 million strategic capital investment program that has a statewide impact at 37 colleges and universities that share a common, powerful goal: the success of our students.

Thank you for your consideration and support.

Michael Vekich, Board of Trustees Chair

Devinder Malhotra, Chancellor
Your 30 state colleges and 7 state universities educate more than 375,000 students from every part of Minnesota each year. We offer knowledge and skills that are essential to helping our students find high-demand, well-paying jobs and keeping Minnesota’s economy strong.

A vital element in providing an extraordinary education is offering facilities that offer students an academic environment where they can learn and develop their skills. With that in mind, our 2018 Capital Budget Request is focused on keeping our students safe and ensuring they have the learning spaces they need for success.

Our core value

» Provide an opportunity for all Minnesotans to create a better future for themselves, for their families, and for their communities

Our core commitments

» Ensure access to an extraordinary education for all Minnesotans

» Deliver to students, employers, communities, and taxpayers the highest value/most affordable higher education option

» Serve as employers’ partner of choice to meet Minnesota’s workforce and community needs

About Minnesota State
EXTRAORDINARY FACTS

375,000+ students served annually, including:

- 63,616 students of color and American Indian students
- 48,500 first-generation students
- 84,000 low-income students
- 10,000 veterans and service members

3,700+ academic programs offered

15,403 customized and specialized training, occupational, and professional classes offered

65% of all Minnesota undergraduates are served by Minnesota State

40,000 degrees, certificates, and diplomas awarded annually

87% of graduates find a job related to their field of study within one year of graduation

87% of credit students are Minnesota residents

81% of graduates are employed or continuing their education in Minnesota after graduation
The Minnesota State 2018 Capital Budget Request will:
» Take care of what we have through asset preservation
» Respond to changing learning strategies of our students
» Emphasize adaptive reuse of space in all our projects
» Replace and update obsolete classrooms and labs with modern, efficient learning spaces

About the Capital Budget

BY THE NUMBERS

37 state colleges and universities on 54 campuses in 47 Minnesota communities

2,250 classrooms and

843 academic buildings with

1,625 labs in operation

301 acres of roofs, roughly equivalent to 228 football fields

2,600 different pieces of HVAC equipment, such as boilers and air handlers

28 million square feet of total facility space, about one-third of the total square footage of state public buildings – equivalent to five Malls of America

22 million square feet dedicated to academic and student support space

6 million square feet of residence halls, student unions, health/wellness centers, and parking ramps, which are not part of bonding bill requests

Source: EMS Campus/ISRS
The Minnesota State 2018 Capital Budget Request includes $94.5 million (representing $63 million of state support and $31.5 million of Minnesota State support) for individual capital projects built upon the system’s overall strategic goals of ensuring access to an extraordinary education at an exceptional value and making our system the partner of choice for Minnesota employers to develop the talent needed for the jobs of the future.

The system capital budget process involves:

» Setting Priorities. The Board of Trustees approves 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 comprehensive facilities plans for their capital project requests and prepare predesigns to describe their specific request.

» Collecting Requests. In an average biennium, the system considers $250–$400 million worth of capital requests and more than $300 million of asset preservation and replacement requests for its colleges and universities.

» Sorting it all out. To help prioritize what gets included on the final list, more than 100 individuals across our colleges and universities engage in a capital scoring process unique among higher education systems.

Why We Need Your Support

IF FULLY FUNDED, THE 2018 CAPITAL BUDGET WOULD:

» Renovate and renew over 500,000 square feet on campuses impacting nearly one-half of Minnesota State total enrollment (47%)

» Remove over 75,000 square feet of obsolete space and replace with better, more effective space

» Replace and upgrade building components and infrastructure during capital project work that will reduce overall backlog by more than $56 million or approximately 6.6%

» Positively impact over 230 classrooms and labs on colleges and universities throughout the state

APPROACHING MIDDLE AGE

The majority of Minnesota State’s buildings and related systems were built between 1965 and 1975, and most are “middle-aged.” While well-kept, they are less efficient than newer buildings.

Showing five-year construction summary by square footage (e.g., 2015 represents buildings built between 2011 and 2015). Source: Capital Renewal (FRRM), Sightlines (as of June 30, 2016).
Bonding Project Locations

IF FUNDED, THE 2018 CAPITAL BUDGET WOULD IMPACT:

16 cities
16 campuses
3 universities
13 colleges

not including HEAPR work
## 2018 Capital Budget Priority List

<table>
<thead>
<tr>
<th>PRIORITY</th>
<th>PROJECT DESCRIPTION</th>
<th>COST (IN MILLIONS)</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Higher Education Asset Preservation and Replacement (HEAPR) – STATEWIDE</td>
<td>$130.0</td>
<td>8</td>
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<tr>
<td>2</td>
<td>Bemidji State University · Academic Learning Center (Hagg-Sauer Replacement) DESIGN · DEMOLITION · RENOVATION · CONSTRUCTION – BEMIDJI</td>
<td>$22.5</td>
<td>13</td>
</tr>
<tr>
<td>3</td>
<td>Rochester Community and Technical College · Memorial and Plaza Halls DESIGN · DEMOLITION · RENOVATION · CONSTRUCTION – ROCHESTER</td>
<td>$22.9</td>
<td>13</td>
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<td>4</td>
<td>Minnesota State University, Mankato · Clinical Sciences Phase II RENOVATION – MANKATO</td>
<td>$6.5</td>
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<td>5</td>
<td>Anoka-Ramsey Community College · Nursing and Business DESIGN – COON RAPIDS</td>
<td>$0.6</td>
<td>14</td>
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<td>6</td>
<td>Century College · Applied Technology Center DESIGN · RENOVATION – MAHTOMEDI</td>
<td>$6.4</td>
<td>15</td>
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<tr>
<td>7</td>
<td>Normandale Community College · Classroom and Student Services DESIGN · RENOVATION – BLOOMINGTON</td>
<td>$12.6</td>
<td>15</td>
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<td>8</td>
<td>Minnesota State University Moorhead · Weld Hall DESIGN – MOORHEAD</td>
<td>$0.6</td>
<td>16</td>
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<tr>
<td>9</td>
<td>Inver Hills Community College · Technology and Business Center DESIGN – INVER GROVE HEIGHTS</td>
<td>$0.7</td>
<td>16</td>
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<tr>
<td>10</td>
<td>Riverland Community College · Transportation, Trade, and Industrial Education Center DESIGN · CONSTRUCTION · RENOVATION – ALBERT LEA</td>
<td>$10.1</td>
<td>17</td>
</tr>
<tr>
<td>11</td>
<td>Baccalaureate Expansion DESIGN · RENOVATION – MINNEAPOLIS, BROOKLYN PARK, BLOOMINGTON</td>
<td>$4.3</td>
<td>17</td>
</tr>
<tr>
<td>12</td>
<td>Fond du Lac Tribal &amp; Community College · Maajiigi (Start to Grow) DESIGN · RENOVATION – CLOQUET</td>
<td>$1.2</td>
<td>18</td>
</tr>
<tr>
<td>13</td>
<td>Saint Paul College · Academic Excellence DESIGN – ST. PAUL</td>
<td>$1.0</td>
<td>18</td>
</tr>
<tr>
<td>14</td>
<td>Northland Community &amp; Technical College · Effective Teaching and Learning Labs DESIGN · RENOVATION – EAST GRAND FORKS</td>
<td>$2.4</td>
<td>19</td>
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<tr>
<td>15</td>
<td>Vermillion Community College · Classroom Building DESIGN · RENOVATION – ELY</td>
<td>$2.3</td>
<td>19</td>
</tr>
<tr>
<td>16</td>
<td>Central Lakes College · Student Services and Academic Support DESIGN – BRAINERD</td>
<td>$0.5</td>
<td>20</td>
</tr>
</tbody>
</table>

**TOTAL** $224.5

**STATE SUPPORT** $193.0

**MINNESOTA STATE FINANCED** $31.5
SUMMARY
Minnesota State seeks $130 million in Higher Education Asset Preservation and Replacement (HEAPR) funding for repair and replacement of building systems at its 54 campus locations. This request includes repair and replacement of roofs and exterior building envelopes, plumbing and electrical systems, heating, ventilation and air conditioning (HVAC), and corrects life safety and code matters.

WHY IS ASSET PRESERVATION AND REPLACEMENT (HEAPR) FUNDING CRUCIAL?
- Keeps students safe, warm, and dry
- Ensures that campus operating dollars are dedicated to improving educational outcomes instead of repairing buildings
- Reduces total cost of ownership through operating efficiencies
- Reduces the system’s immediate deferred maintenance outlook (currently $913 million and climbing)
- Meets state and system objectives for creating sustainable buildings

ASSET PRESERVATION AND REPLACEMENT (HEAPR) FUNDING HISTORY
Since the 2006 capital bonding session, Minnesota State has sought $110 million in HEAPR funding over a two-year period. Two-year total HEAPR funding has averaged $50.8 million or 46% of the requested amount.
State budget guidelines for repair and betterment recommend an annual reinvestment of at least 1% of the current replacement value of buildings. Based on the age of college and university buildings, Minnesota State has outlined its repair and betterment strategy in the chart below. Two of the three (HEAPR and capital project) funding sources are dependent on the successful outcome of a bonding bill.

**LOOKING AHEAD AT DEFERRED MAINTENANCE NEEDS**

$913 million

+ $1.1 billion

$2.0 billion

- needed to bring building systems out of backlog status
- needed in the next 10 years to replace or update building systems scheduled to reach the end of their useful life
- needed over the next 10 years to address Minnesota State’s backlog renewal need

**FORECASTED NEEDS BY CATEGORY**

Estimated need by major building system categories in the future (next 10 years):

- **Building envelope:** roof, walls, foundations, and window replacement and repairs (27%)
- **Heating, ventilation, and cooling (HVAC):** replacements (36%)
- **Mechanical, plumbing, and electrical system upgrades:** (20%)
- **Life, health, and safety and code compliance (hazardous materials abatement, OSHA):** (4%)
- ** Renewal and emerging needs:** (13%)

**LEGISLATIVE INVESTMENT SCENARIOS FOR HEAPR**

- **$0 PER BIENNium INVESTMENT**
  » Facility conditions degrade by 50%; backlog grows to $2 billion in 10 years
- **$50 MILLION PER BIENNium INVESTMENT (HISTORICAL LEVEL)**
  » Facility conditions degrade by 18%; backlog grows to $1.6 billion in 10 years
- **$100 MILLION PER BIENNium INVESTMENT**
  » Facility conditions are maintained at their current levels
- **$130 MILLION PER BIENNium INVESTMENT (2018 REQUEST)**
  » Facility conditions begin a path to improvement
- **$240 MILLION PER BIENNium INVESTMENT**
  » Facility conditions improve by 50% to excellent condition

**REINVESTMENT STRATEGY**

State budget guidelines for repair and betterment recommend an annual reinvestment of at least 1% of the current replacement value of buildings. Based on the age of college and university buildings, Minnesota State has outlined its repair and betterment strategy in the chart below. Two of the three (HEAPR and capital project) funding sources are dependent on the successful outcome of a bonding bill.

<table>
<thead>
<tr>
<th>BIENNium</th>
<th>YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEAPR</td>
<td>$130 million</td>
</tr>
<tr>
<td>Capital Projects (est. backlog reduction)</td>
<td>$56 million</td>
</tr>
<tr>
<td>Average campus R&amp;R spending</td>
<td>$66 million</td>
</tr>
</tbody>
</table>

2018 Capital Request • 9
### AT-A-GLANCE: 2018 Asset Preservation and Replacement Projects

*As of August 1, 2017*

<table>
<thead>
<tr>
<th>College</th>
<th>Priority Projects</th>
<th>Estimated Heapr Allocation</th>
<th>Risk of Continued Disrepair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexandria Technical &amp; Community College</td>
<td>HVAC; Roof; Energy</td>
<td>$8.1 million</td>
<td>Energy inefficiency, increased operating expenses, water damage, electrical failure</td>
</tr>
<tr>
<td>Anoka-Ramsey Community College and Anoka Technical College</td>
<td>Electrical; HVAC; Roof</td>
<td>$7.0 million</td>
<td>Electrical fires, water damage, energy inefficiency</td>
</tr>
<tr>
<td>Bemidji State University</td>
<td>Energy; Life, Health, and Safety; Roof</td>
<td>$5.4 million</td>
<td>Energy inefficiency, increased operating expenses, mold, student safety</td>
</tr>
<tr>
<td>Central Lakes College</td>
<td>HVAC; Roof</td>
<td>$7.5 million</td>
<td>Water leaks and damage, energy inefficiency, increased operating expenses</td>
</tr>
<tr>
<td>Century College</td>
<td>Exteriors; Roof</td>
<td>$8.1 million</td>
<td>Damage to classrooms and equipment, water damage, mold</td>
</tr>
<tr>
<td>Dakota County Technical College</td>
<td>HVAC; Life, Health, and Safety; Roof</td>
<td>$2.8 million</td>
<td>Inadequate ventilation, water damage, mold</td>
</tr>
<tr>
<td>Fond du Lac Tribal &amp; Community College</td>
<td>Energy; HVAC</td>
<td>$300,000</td>
<td>Energy inefficiency, increased operating expenses</td>
</tr>
<tr>
<td>Hennepin Technical College</td>
<td>Roofs</td>
<td>$4.0 million</td>
<td>Water leaks, interior damage, mold</td>
</tr>
<tr>
<td>Inver Hills Community College</td>
<td>Electrical; HVAC; Roof</td>
<td>$5.9 million</td>
<td>Electrical fires, mold, frequent power outages</td>
</tr>
<tr>
<td>Lake Superior College</td>
<td>Exteriors; Roof</td>
<td>$6.0 million</td>
<td>Water leaks, water damage, interior damage</td>
</tr>
<tr>
<td>Metropolitan State University</td>
<td>Life, Health, and Safety</td>
<td>$1.3 million</td>
<td>ADA compliance/accommodations</td>
</tr>
</tbody>
</table>

**WINONA:** Phelps Hall roof leak

**ANOKA:** roof repair

**WHITE BEAR LAKE:** CMU damage
Minneapolis Community & Technical College
PRIORITY PROJECTS: Exteriors; Life, Health, and Safety; Roof
ESTIMATED HEAPR ALLOCATION: $8.7 million
RISK OF CONTINUED DISREPAIR: Interior damage, water damage, mold

Minnesota State College Southeast
PRIORITY PROJECTS: Electrical; Roof
ESTIMATED HEAPR ALLOCATION: $1.2 million
RISK OF CONTINUED DISREPAIR: Electrical fire, water damage, mold

Minnesota State Community and Technical College (M State)
PRIORITY PROJECTS: HVAC; Life, Health, and Safety
ESTIMATED HEAPR ALLOCATION: $1.7 million
RISK OF CONTINUED DISREPAIR: Energy inefficiency, increased operating expenses

Minnesota State University, Mankato
PRIORITY PROJECTS: Exterior; Interior; Mechanical/Electrical; Roof
ESTIMATED HEAPR ALLOCATION: $3.1 million
RISK OF CONTINUED DISREPAIR: Electrical fire, mold, water damage

Minnesota State University Moorhead
PRIORITY PROJECTS: Exterior; HVAC; Roof
ESTIMATED HEAPR ALLOCATION: $8.7 million
RISK OF CONTINUED DISREPAIR: Interior damage, mold, water damage

Minnesota West Community & Technical College
PRIORITY PROJECTS: Roof; Life, Health, and Safety; HVAC
ESTIMATED HEAPR ALLOCATION: $4.2 million
RISK OF CONTINUED DISREPAIR: Inadequate ventilation, water damage, energy inefficiency, increased operating expenses

NHED – Itasca Community College
PRIORITY PROJECTS: Exterior; Roof
ESTIMATED HEAPR ALLOCATION: $2.6 million
RISK OF CONTINUED DISREPAIR: Water damage, roof failures, mold

NHED – Mesabi Range
PRIORITY PROJECTS: Exterior; Roof
ESTIMATED HEAPR ALLOCATION: $1.4 million
RISK OF CONTINUED DISREPAIR: Water damage, roof failures, mold

Normandale Community College
PRIORITY PROJECTS: HVAC; Life, Health, and Safety; Roof
ESTIMATED HEAPR ALLOCATION: $4.5 million
RISK OF CONTINUED DISREPAIR: Water damage, mold, energy inefficiency, increased operating expenses

North Hennepin Community College
PRIORITY PROJECTS: Exteriors; HVAC; Life, Health, and Safety
ESTIMATED HEAPR ALLOCATION: $1.9 million
RISK OF CONTINUED DISREPAIR: Interior damage, mold, insufficient ventilation

Northland Community & Technical College
PRIORITY PROJECTS: HVAC; Life, Health, and Safety; Roof
ESTIMATED HEAPR ALLOCATION: $3.7 million
RISK OF CONTINUED DISREPAIR: Water damage, energy inefficiency, increased operating expenses, mold

Northwest Technical College
PRIORITY PROJECTS: HVAC; Life, Health, and Safety
ESTIMATED HEAPR ALLOCATION: $1.1 million
RISK OF CONTINUED DISREPAIR: Energy inefficiency, increased operating expenses, student safety
AT-A-GLANCE: 2018 Asset Preservation and Replacement Projects (cont.)

Pine Technical & Community College
PRIORITY PROJECTS: Life, Health, and Safety
ESTIMATED HEAPR ALLOCATION: $800,000
RISK OF CONTINUED DISREPAIR: Student safety

Ridgewater College
PRIORITY PROJECTS: Roof
ESTIMATED HEAPR ALLOCATION: $2.4 million
RISK OF CONTINUED DISREPAIR: Mold, water damage, energy inefficiency, increased operating expenses

Riverland Community College
PRIORITY PROJECTS: Electrical; HVAC
ESTIMATED HEAPR ALLOCATION: $2.8 million
RISK OF CONTINUED DISREPAIR: Power outages, electrical fire, energy inefficiency, increased operating expenses

Rochester Community and Technical College
PRIORITY PROJECTS: Exteriors; HVAC; Roof
ESTIMATED HEAPR ALLOCATION: $2.5 million
RISK OF CONTINUED DISREPAIR: Interior damage, mold, water damage

Saint Paul College
PRIORITY PROJECTS: Exteriors
ESTIMATED HEAPR ALLOCATION: $4.0 million
RISK OF CONTINUED DISREPAIR: Mold, rot, energy inefficiency, increased operating expenses

South Central College
PRIORITY PROJECTS: Roof
ESTIMATED HEAPR ALLOCATION: $2.2 million
RISK OF CONTINUED DISREPAIR: Mold, water damage, energy inefficiency, increased operating expenses

Southwest Minnesota State University
PRIORITY PROJECTS: Exteriors; Interiors
ESTIMATED HEAPR ALLOCATION: $4.4 million
RISK OF CONTINUED DISREPAIR: Water damage, mold, energy inefficiency, increased operating expenses

St. Cloud State University
PRIORITY PROJECTS: Exteriors; Interiors; Life, Health, and Safety; Roof; Underground
ESTIMATED HEAPR ALLOCATION: $2.7 million
RISK OF CONTINUED DISREPAIR: Mold, water, insufficient ventilation

St. Cloud Technical & Community College
PRIORITY PROJECTS: HVAC; Interiors; Roofs
ESTIMATED HEAPR ALLOCATION: $2.0 million
RISK OF CONTINUED DISREPAIR: Mold, water damage, energy inefficiency, increased operating expenses

Winona State University
PRIORITY PROJECTS: HVAC; Underground (Tunnels)
ESTIMATED HEAPR ALLOCATION: $1.7 million
RISK OF CONTINUED DISREPAIR: Energy inefficiency, increased operating expenses
Academic Learning Center and Campus Renovation  
(Hagg-Sauer Hall Replacement)  
**SUMMARY**  
- Finishes design and implements the replacement of Hagg-Sauer Hall, the university’s main classroom building, and partly renovates space in four other buildings  
- Hagg-Sauer Hall has not been renovated in over 40 years and has one of the highest FCI values on campus  
- Updates facilities for the liberal arts and sciences, including geography, computer science, and psychology  
- Received $1 million appropriation in 2014 for design  
- Serves the vast majority of Bemidji State’s 5,000 undergraduate and graduate students

**STUDENT IMPACT**  
Improves classroom access for disabled students and provides interactive and adaptable new learning spaces.

Memorial and Plaza Halls  
**SUMMARY**  
- Completes design and demolishes outdated inadequate academic and support space, adds to an existing building, and renovates current inefficient academic and student support space  
- Replaces an outdated and insufficient chiller plant with a central chiller plant to gain efficiencies  
- Updates technology, audio/visual capabilities, sound, and acoustics in existing classrooms and labs  
- Creates new small group study spaces and multi-function informal student space  
- Received $1 million appropriation in 2014 for design  
- Increases academic space utilization

**STUDENT IMPACT**  
Improves collaborative/interactive learning environments, eliminates inadequate spaces with multiple life safety issues (e.g., fire suppression, air quality, ADA, water infiltration), and creates small study group spaces for more effective learning.
Clinical Sciences Phase II

**RENOVATION**

$6,478,000

**SUMMARY**

- Final phase of Clinical Science upgrades on campus
- Renovates and renews space in three different buildings—Wiecking Center, Wissink Hall, and Morris Hall—to repurpose space vacated by programs moving into the newly opened (2017) Clinical Sciences Building (Phase I)
- Completes the renewable energy installation (solar) at the Clinical Sciences Building
- Benefits five different departments in three different divisions
- Includes remodeled food labs and classrooms, HVAC upgrades, and the creation of a new collaborative learning lab with new equipment and technology in hands-on learning environments
- Received $2.065 million appropriation in 2012 (design) and $25.818 million appropriation in 2014 (Phase 1 for the construction of the new Clinical Sciences Building)
- 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**

Creates updated classroom and lab spaces in several buildings to facilitate collaborative learning and expands student support programs.

Nursing Modernization: Business and Nursing Building

**DESIGN**

$569,000

**SUMMARY**

- Designs the renovation of nursing classrooms and labs as well as general classroom renovation within the Business and Nursing Building
- Accommodates an expanding nursing program with updated facilities that meet the needs of current pedagogy
- Includes flexible learning classroom environments for general use by all departments
- Impacts 19 classrooms and labs, 4 suites of offices

**STUDENT IMPACT**

Modernizes, enhances, and repurposes classrooms and labs to increase enrollment and provide flexible learning options as well as a welcoming, synergistic environment for one of the largest nursing programs in Minnesota.
Engineering and Applied Technology Center

**DESIGN · RENOVATION**

**SUMMARY**

» Creates a multi-disciplinary Engineering and Applied Technology Center, serving a future applied engineering program and other STEM programs

» Flexible space and adjacent learning commons will benefit computer science, math, and other STEM programs

» Upgrades an adjacent welding laboratory to meet the needs of the applied technology/mechatronics program areas and expansion into robotic welding

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

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

**STUDENT IMPACT**

Directly benefits 450 students in applied engineering and STEM programs by providing renovated space critical to workforce needs; project creates modern, flexible classrooms, labs, and student support spaces to provide students improved learning environments.

**RENOVATES:**

20,580 GSF

**DEFERRED MAINTENANCE REDUCTION:** $4.1 million

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Classroom and Student Services

**DESIGN · RENOVATION**

**SUMMARY**

» Phase I funds design and renovation of the first floor of the College Services building and site improvements to address ADA compliance and storm water management issues

» When the two phases are complete, the 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 deal with student issues

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

» Phase I designs construction of Phases I and II

» Renovates 121,000 GSF total over two phases and increases space utilization

**RENOVATES:**

51,000 GSF (Phase I)

**DEFERRED MAINTENANCE REDUCTION:** $2.8 million

**STUDENT IMPACT**

Upgrades classroom technology and creates more flexibility and allows quicker adaptation in academic offerings and programs to meet changing workforce and community needs. Simplifies the student support service model and improves the experience for first-generation college students.
SUMMARY
» Designs the renovation of Weld Hall to address significant deferred maintenance, improve pedagogy, and rightsize classrooms
» Preserves and modernizes the oldest and most distinguished building on campus
» Renovates Glasrud Auditorium to create a multi-purpose venue for use as a teaching lab, lecture hall, performance space, and space for workforce training events
» Increases the number of multi-functional classrooms and reduces the number of offices
» Classroom sizes will be realigned to better serve a variety of class sizes and pedagogical approaches
» Increases academic space utilization in Weld Hall

STUDENT IMPACT
Creates flexible, technology-enhanced classrooms that foster collaborative learning environments for over 2,500 students studying English, music, theatre, entertainment industries and technology, and media arts and design.

SUMMARY
» Designs the renovation of the existing Business Building to create a Technology and Business Center and create a link to Heritage Hall, improving access and classroom configurations
» The new Heritage Hall/Technology and Business Center complex will bring the STEM Division’s departments together under one roof
» The design incorporates new square footage within the existing building footprint by expanding into the building’s unused volume
» Increases classroom sizes allowing for greater class sizes
» Improves space utilization by creating appropriately-sized “smart” classrooms to optimize class size and curriculum delivery

STUDENT IMPACT
Directly benefits approximately 2,800 students in programs including business, accounting, paralegal, and computer science through modernized and flexible classrooms.
**PRIORITY 10**

**Transportation, Trade, and Industrial Education Center**

**DESIGN · CONSTRUCTION · RENOVATION**

**SUMMARY**

» Renovates outdated space to relocate truck driving and collision repair programs from Austin to Albert Lea
» Integrates these programs into shared spaces with auto service and diesel programs to obtain greater efficiencies
» Updated spaces and systems will increase enrollment and retention

**STUDENT IMPACT**

Provides **industry standard training spaces** for nearly 400 students from primarily underrepresented populations (including veterans and those returning to the workforce) to prepare them for jobs in high-demand fields.

**Baccalaureate Expansion**

**DESIGN · RENOVATION**

**SUMMARY**

» Designs and renovates or constructs space within the Twin Cities to enhance access to baccalaureate degree completion programs
» Continues work addressing expected demographic and workforce changes forecast for Minnesota
» The forecast is that:
  » Over the next three decades, the Twin Cities area population will increase by nearly 1 million people, creating an incremental 570,000 jobs
  » 421,800 of these incremental jobs will need to be filled with employees who hold a postsecondary credential
  » 216,805 of these incremental jobs will need to be filled with employees who hold a baccalaureate degree

**STUDENT IMPACT**

**Improves and enhances access** to baccalaureate programming for a wide spectrum of students, offering opportunities to better compete in the growing regional job market.

**RIVERLAND Community College**
riverland.edu
@RiverlandCC

**Multiple Colleges**
MinnState.edu
@MinnStateEdu

**RENOVATES**: 39,173 GSF
**CONSTRUCTS**: 7,482 GSF
**DEFERRED MAINTENANCE REDUCTION**: $2.8 million

**RENOVATES**: 20,850 GSF across three campuses

**$10,122,000**

**$4,270,000**

**ALBERT LEA**

**MINNEAPOLIS · BROOKLYN PARK · BLOOMINGTON**
**Maajiigi (Start to Grow)**

**DESIGN · RENOVATION**

$1,157,000

**SUMMARY**

- Renovates two classrooms for the elementary education program as it expands to a four-year program
- Renovates space for the Environmental Institute, which teaches students and community members traditional practices
- Renovates the existing kitchen to provide residential students and day students with more (and healthier) food choices
- Demolition of an existing trailer will save $4,000 per year on utility costs

**STUDENT IMPACT**

Benefits the elementary teacher education program which prepares the next generation of teachers by infusing indigenous (Anishinaabeg—Ojibwe) perspectives into all areas of a curriculum.

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**Academic Excellence Renovation and Renewal**

**DESIGN**

$995,000

**SUMMARY**

- Designs the renovation and renewal of 110,045 GSF of existing classroom, laboratory, and high-use student service spaces in the aging East Tower, West Tower, and first floor
- Enhances the entire campus building core complex
- Serves growing demand areas such as business, math, computer science, and other technical career programs

**STUDENT IMPACT**

Ensures that the college’s diverse student body has greater access to modern, relevant, functionally improved, and attractive instructional spaces for high-demand services and programs.
PRIORITY 14

Effective Teaching and Learning Labs
DESIGN · RENOVATION
$2,425,000

SUMMARY
» Phase 2 of an effort to update campus labs; Phase 1 funded during the 2017 session
» Renovates existing classroom and class lab spaces to consolidate and expand the early childhood and education program, occupational therapy assistant program, pharmacy technology program, respiratory therapist program, and computer and networking technology program
» Creates active learning spaces that simulate real-world working environments

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.

PRIORITY 15

Classroom Building
DESIGN · RENOVATION
$2,349,000

SUMMARY
» Renovates six classrooms to create flexible adaptive learning environments and increases technological capabilities
» Brings two sets of heavily used restrooms into ADA compliance and updates adjacent corridors and lobby areas
» Creates an identifiable entry to the main classroom building within existing space
» Replaces the Classroom Building roof

STUDENT IMPACT
Student learning will be enhanced by technology upgrades and options for different instructional delivery methods.
Student Services and Academic Support

DESIGN

$455,000

RENOVATES: 41,800 GSF
RENEWS: 29,235 GSF
DEFERRED MAINTENANCE REDUCTION: $1.9 million

SUMMARY
- Designs the renovation of Student Services and Academic Support space
- Realigns the Student Services area, and renovates theatre support spaces, PE/athletic locker rooms, public restrooms, student life spaces, and library/learning commons spaces
- Creates a new focal point at the main entrance to help with orientation and wayfinding

STUDENT IMPACT
Minimizes barriers making the prospective and ongoing student experience less daunting, while offering staff and faculty repurposed space that facilitates better communication and student-centered collaborations.
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Thank you!

#MinnStatePriority1