Bay de Noc Community College

Escanaba, Michigan

Fiscal Year 2026
Capital Outlay Plan &
Project Request

October 31, 2024

President's Letter:

This plan outlines a project aimed at creating the best possible learning and working environment for our students, faculty, staff, and community. The project and its associated capital expenditure is designed to improve and elevate not only the educational experience but also to strengthen the College's presence in the community. The document highlights opportunities to advance traditional credit course delivery, with a special focus on Bay College's expansion through an establishment of a renovated welding lab into a newly designed Manufacturing Innovation space.

This initiative will address life and safety needs, enhance energy efficiency, increase, and close the workforce gap within the manufacturing sector.

The project reflects ongoing discussions about developments that will continue to enhance the College's teaching and learning environment in the years to come.

Sincerely,

Dr. Nerita L. Hughes
President

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Fiscal Year 2026 Capital Outlay Plan & Project Request

ATTACHMENT A

Bay College Mission Statement

Section I. Overall Mission of Bay College

Located in the heart of Michigan's beautiful Upper Peninsula, Bay de Noc Community College (commonly known as Bay College) has provided quality higher education for more than 60 years. Founded in 1962, Bay College is known in the region for its superior teaching and abundant learning. The campus is situated on 150 acres and serves over 4,000 annually, with 2,500 being credit students. Additionally, there are students on our campus completing baccalaureate sponsored by partnering universities.

From its modest beginning with a limited curriculum, Bay College has expanded its offerings in response to the needs of the local communities served. The College continues the tradition of providing occupational programs aimed at giving students the skills to enter the work force, community service, and transfer programs, which are designed to allow students to begin their postsecondary education and explore career interests at Bay College, later applying their degree at a major college or university.

Co-located on the College's campus, the local YMCA provides recreational and wellness opportunities for our local students and communities. Students enrolled on at least a half-time basis in a semester are rewarded with free access to the YMCA facility.

Since the early 1970's, Bay College has had a presence in Dickinson County, where in those early years courses were offered to assist students enrolled in nursing degree programs. Facility limitations severely restricted course offerings through the early years, and with enrollment increases, there was support for the notion that interest in higher education in Dickinson County remained strong. The voters in Dickinson County approved a one mill tax increase to support the construction, maintenance and operation of a new 67,000 sq. ft. facility, matching the State of Michigan's construction funds of $6 million. Groundbreaking was held in the spring of 2006 and the facility opened in the fall of 2007. Through a unique contractual relationship with the Dickinson County Board of Commissioners, the College has been able to move forward in offering a strong core of transfer degrees and occupational programs to support the local workforce, as well as offering workforce trainings to the community.

Bay College has a strong history of dedicating itself to offering academically excellent and affordable public education in our region. The College prepares students to be continuous learners who succeed upon transfer, work effectively in the contemporary workplace, and function as citizens and leaders in their communities.

MISSION OF THE COLLEGE

Bay strives to create an environment of Student Success, Community Success and Culture of Success.

VISION

Bay College is the regional college of choice where people thrive, workforces excel, communities connect and lives transform.

CULTURAL BELIEFS

- I Am Change
- Respect
- Let's Talk
- Feed Me
- Clarify Expectations
- Stay Focused

STRATEGIC PLAN

Bay College has developed a new Strategic Plan to reflect our current objectives and focus for the next five years. There are five strategic pillars that are the focus of the efforts of the college.

- Amplify Institutional Value and Brand Identity
- Design a Holistic Student Experience
- Cultivate a Culture of Care and Well-Being
- Build Industry-Responsive Partnerships
- Adopt Future-Ready Technology

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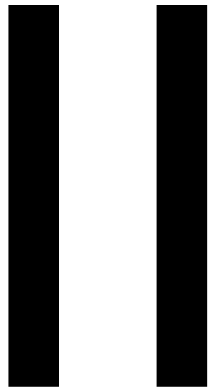
Instructional Programming

Section II. Instructional Programming

DESCRIPTION OF EDUCATIONAL PROGRAMS:

Bay College offers students educational programs in various areas and levels. The Associate of Arts degree and the Associate of Science degree are designed for students planning to transfer to a four-year college or university. The Associate of Applied Science degree and Certificate programs provides students with an occupational-focused terminal award. The following is a list of academic programs and areas of study provided by Bay College in Fall 2024.

Students can graduate with a certificate or a degree in the following areas:

Certificate Programs

Accounting
Automotive Maintenance Technician
Automotive Master Technician
Certified Medical Assistant
Computed Tomography Technologist
Corrections Officer
Early Childhood Education
Emergency Medical Technician (EMT)
Entrepreneurial Small Business
Health Careers
Mechatronics
Microsoft Office Specialist
Office Assistant
Practical Nurse
Private Security
Sustainability
Water Technology
Welding

Associate in Applied Science

Accounting
Agricultural Operations
Automotive Technology
Business
Computer Information Systems:
  Programming & User Support
Computer Information Systems:
  Software/Network Support
Computer Network Systems & Security
Criminal Justice
Early Childhood Education
Environmental Management
Forest Technology
Geographic Information Systems
Magnetic Resonance Imaging
 Technologist
Marketing
Mechatronics and Robotics Systems
Nursing
Occupational Studies
Office Systems/Administrative Assistant
Paramedic
Radiography
Surgical Technology
Water Resource Management
Water Resource Management 1+1

(Transfer)

Associate in Arts

Art & Design
Business Administration
Criminal Justice
Network Administration
Social Work

Associate in Science

Pre-Engineering
Pre-Molecular Biotechnology
Pre-Natural Resources
Pre-Professional Health

Transfer Areas of Interest

Accounting
Architecture
Athletic Training/Sports Science
Automotive Engineer Technology
Automotive Management
Biology
Business
Chemistry
Clinical Lab Science
Communication
Computer Information Systems
Computer Network & Systems
Computer Science
Construction Management
Corrections
Dentistry (Pre)
Early Childhood Education
Economics
Education
  Elementary
  Secondary
  Special
Engineering Technology
  Electrical
  Industrial
  Mechanical
  Surveying
English
Entertainment/Sports
  Promotion
Environmental Science
Finance
Fire Science
Fisheries & Wildlife Management
Forestry
History
Homeland Security
Journalism
Law, (Pre)
Law Enforcement
Liberal Arts
Marketing
Mathematics
Medicine (Pre)
Nursing Transfer Completion
Occupational Therapy
Optometry (Pre)
Pharmacy (Pre)
Physical Therapy (Pre)

Physics
Political Science
Psychology
Public Administration
Recreational Management
Social Work
Sociology
Speech Communication

Top Programs

Liberal Arts

Nursing

Business

Early Childhood Education

Social Work

Articulation Agreements

The College has formal articulation agreements which provide a value-added component to a traditional transfer guide. In some cases, these articulated agreements allow for students to have a seamless admission into their chosen transfer degrees. Bay College has formal agreements with the following colleges and universities:

 Bay Mills Community College, Brimley, Michigan
 Ferris State University, Big Rapids, Michigan
 Lake Superior State University – Sault Ste. Marie, Michigan
 Michigan State University – East Lansing, Michigan
 Michigan Technological University – Houghton, Michigan
 Northern Michigan University – Marquette, Michigan
 Oakland University – Rochester, Michigan
 Saginaw Valley State University, Saginaw, Michigan
 University of Michigan-Flint; Flint, Michigan
 University of Wisconsin – Green Bay – Green Bay, Wisconsin

Transfer Guides have also been established between the following Michigan Universities and Community Colleges and Bay College:

 Central Michigan University, Mount Pleasant, Michigan
 Ferris State University, Big Rapids, Michigan
 Grand Valley State University, Allendale, Michigan
 Grand Rapids Community College, Grand Rapids, Michigan
 Kettering University, Flint, Michigan
 Lake Superior State University Sault Ste. Marie, Michigan
 Lansing Community College, Lansing, Michigan
 Lawrence Technological University-Southfield, Michigan
 Macomb Community College – Warren, Michigan
 University of Michigan School of LSA—Ann Arbor, Michigan
 Wayne County Community College District, Detroit, Michigan
 Wayne State University, Detroit, Michigan
 Western Michigan University, Kalamazoo Michigan

University Programs at Bay de Noc Community College

The following university programs offer courses toward completion of their degrees on Bay's campus in cooperation with Lake Superior State University – Sault Ste. Marie, Michigan.

 Bachelor of Science Accounting
 Business Administration Generalist
 Bachelor of Science Business Administration-Accounting/Finance Minor
 Bachelor of Science Business Administration-Entrepreneurship
 Bachelor of Science Business Administration-Generalist w/a declared minor
 Bachelor of Science Business Administration-International Business
 Bachelor of Science Business Administration-Management
 Bachelor of Science Criminal Justice-Generalist
 Bachelor of Science Emergency Management
 Bachelor of Science or Arts General Studies
 Bachelor of Science Secondary Education
 Bachelor of Science Teacher Education
 Bachelor of Science/Bachelor of Arts-General Studies

Bachelor of Science Nursing Completion
Bachelor of Arts/Science – General Studies
Nursing—AND-BSN Fall 2022
Secondary Education
    English Language Arts Teaching (Grades 5-12)
    Mathematics
    Social Science
Teacher Education
    Birth-Kindergarten
    Bay's AAS Early Childhood to LSSU's Birth -Kindergarten
    PreK-3
    PreK-3 & 3-6
    3-6

Reverse Transfer Agreements:

Northern Michigan University
Ferris State University

Workforce Development Activities

Bay College delivers various workforce training programs and courses based on community and workforce needs. The Certified Nursing Assistant program is currently our most popular workforce development program, due primarily to the high demand for CNAs and CNA training across the Upper Peninsula and is delivered on both college campuses. Customized trainings in the areas of Water and Wastewater, Microsoft Office, team building, leadership, communication, DiSC profiling, human resources, SCECHs, and safety in the workplace are an additional area of focus. Bay College regularly partners with industry to utilize Going PRO Training dollars as well as the Michigan New Jobs Training Program.

Bay College delivers the annual Safety Conference on the Escanaba Campus and the annual Leadership Academy on the Iron Mountain Campus. Bay College is known across the state for delivering chainsaw safety training as part of the MIOSHA Consultation Education and Training (CET) program.

We serve as a testing site for ASE, ServSafe, and PAN testing. We can also custom design many training programs to fit the unique needs of any company or organization, many times offering these trainings directly at the employer's site.

Adult Education Focus

In 2011, Bay College was a founding member of a group that created an Adult Literacy Council. The focus of this group is to help adults prepare for the reading, writing, and math requirements associated with attending college. Additionally, we have an ongoing partnership with the local adult basic education/GED provider and Michigan Works, to provide intensive enrollment and advising services for those recently obtaining GEDs. This partnership received a state award in 2012 attributed to doubling the number of GED recipients attending Bay College. We are also active participants in the Veterans Council and have been named a Military Friendly School and

have been awarded Gold Level Veteran-Friendly Status by the Michigan Veterans Affairs Agency.

Continuing or Lifelong Educational Programming

Bay College has and will continue to provide many continuing or lifelong educational programming opportunities. These include digital photography, computer classes, Lego robotics, and a wide variety of lifelong education courses available online from Ed2Go. Bay College continues to deliver continuing education seminars, workshops and conferences for small- to medium-sized businesses including dental, optometry, healthcare, and safety, as well as online trainings and workshops.

Partnerships with Intermediate School District

Bay College is a founding member of the Delta County College Access Network (DCCAN). DCCAN is a network of educators, business leaders, community agencies, and philanthropic institutions, all interested in creating a culture within the county where young people expect to attend education beyond high school and are positioned to succeed in post-secondary education. The College's leadership in DCCAN has led to stronger partnerships with K-12 districts, and many opportunities for students to learn more about higher education.

We have multiple articulation agreements with the Delta Schoolcraft ISD and provide on campus learning experiences for K-12 students including summer robotics camp, College nights, Financial Aid nights, Career Day at Bay, 5th grade Friday visits, 8th grade Career Exploration visits, College 101, Bay is the Way Day, and admission visits to 25+ area high schools. Many of these programs have been stalled due to COVID-19 restrictions and will be re-started once we are able.

Area high schools continue to seek out Bay College for dual enrollment opportunities. The number of dual enrolled students continues to increase each year. We now have students enrolled from 37 local and regional high schools, and this enrollment is over 32.5% of our fall student population.

The development of several Early College partnerships has strengthened our relationship with local districts. We now have Early College partnerships with the Delta Schoolcraft Intermediate School District, the Dickinson Iron Intermediate School District, and various local school districts. In total, there are students from 20 local high school participating in the Early College Program, either through their high school or their local Intermediate School District. We currently have over 200 students enrolled in the Early College program from these local schools. The Early College program is about 11% of our fall student population. Between the two programs, Dual Enrollment and Early College, in over 43% of our fall headcount consists of dual enrolled and early college students from local high schools.

Community Activities

Many programs for the community and limited meetings, have returned to holding community activities on campus. We have welcomed back Escanaba and Bay West campuses students in both the undergraduate and workforce programs. The Marquette Symphony Orchestra performs six times a year at Bay College's Besse Art Center. Bay College supports Strings on the Bay, which consists of local musicians.

The College sponsors a film series and student art shows annually. The Besse Art Center and Hartwig Gallery have rotating art presentations from Bay College's art inventory and have 6 – 8 art shows per year highlighting regional artists promoted to students and the community in Escanaba. Bay West hosts 3 – 5 artist exhibits annually, as well as the Art for All event each June. Eight to ten entertainers a year are brought in for students and promoted within the community. Each summer, live events are planned on campus to engage the community with entertainment provided by a live band and food available from a local food-truck, further enhancing our community engagement.

The Bay College soccer fields are used by the area youth soccer league and walking trails and labyrinth are available for public use. The YMCA is housed on the campus and is open to the public. The PTK student group is involved with community service experiences. Bay West serves as the polling site for the Iron Mountain Second Precinct special, primary, and general elections. Bay College has various community clubs and groups that work with outside local organizations for events related to civil service and an Annual Day of Service.

Bay College hosts a Career Closet on both the Escanaba and Iron Mountain campus locations. The Career Closet is a community resource for career and interview apparel for students and community members, free of charge. The clothing is donated by the surrounding community to benefit students and community members who may not be able to afford proper interview or work apparel, or simply have the need for some nice clothing.

Bay College also hosts a food pantry on the Escanaba and Iron Mountain campuses. The food pantry is a collaborative effort across campus by administration, staff, the faculty association, and local community members. Students and community members are able to utilize the food pantry during posted operating hours.

The Center for Your Health & Wellness is also housed on our Escanaba campus. The center provides non-emergency care for students on campus, as well as walk-in traffic. The Center for Youth Health & Wellness is specifically targeted to your ages ten to twenty-one years of age, and is open Monday through Friday, with services including health, wellness, and counseling services.

Economic Development Impact

An Economic Impact study completed in 2010 indicated Bay College has a $100 million annual impact on Delta County. This is due to the education that has been delivered to over 140,000 students in the past 50 years, allowing citizens to work in higher paying jobs requiring job skills attained at Bay College. Having an educated work force encourages employers to move to Delta and Dickinson County and to stay in Delta and Dickinson County. Additionally, the College is one of the biggest and best employers in the County.

Geographic Service Delivery Area(s)

Bay College serves Delta and Dickinson counties as well as surrounding counties in the Upper Peninsula. Many students from Northern Wisconsin also attend our campuses. Additionally, over seventy percent of enrolled students take at least one online course, allowing us to cover the entire Upper Peninsula and beyond. We have numerous programs in the multiple disciplines that allow for a fully online delivery format, thus expanding our offerings well beyond our

physical boundaries.

Future Planning

Bay College is encouraged to have our sixth president at the institution, and there are big plans for the future. Strategic Planning was just completed, providing a focus for the next five plus years, with the pillars identified to strengthen and expand the focus of the institution in the years to come. Bay college is ready for today and focused on the future and brining fruition to the statement that: "Bay College is the Community's College".

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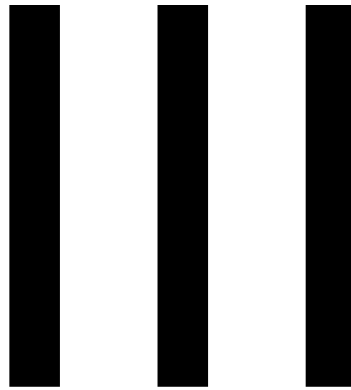
Staffing and Enrollment

Section III. Staffing and Enrollment

a. Current full and part-time student enrollment by academic program:

Degree Seeking Students	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
	1,282	**1,224**	**1,126**	**1,082**	**1,214**
By Degree Program					
Associate in Arts	571	632	588	550	613
Associate in Science	169	123	110	90	97
Associate in Applied Science	441	351	325	335	389
Certificate	101	118	103	107	115
By Enrollment Status					
Full Time	724	608	494	514	561
Part Time	558	616	632	568	653
By Course Location (Duplicate Count)					
Escanaba	796	690	603	532	580
West	256	224	191	193	189
Online	887	864	796	834	946
Other	0	0	0	0	0
By Age Range					
Less than 18	29	5	4	13	24
18 to 21	762	596	538	537	565
22 to 25	167	176	149	137	184
26 to 29	101	119	96	95	124
30 to 39	137	199	205	190	201
40 to 49	68	101	108	95	92
50 to 59	16	24	25	15	19
60 and over	2	4	1	0	5

Occupational									
A. Certificate Program	D	MQ	SC	OL	2020	2021	2022	2023	2024
1. Accounting	x			x	5	4	5	5	3
2. Automotive Maintenance Technician	x				5	9	1	3	8
3. Automotive Master Technician	x				4	6	8	3	4
4. Certified Medical Assistant	x				7	13	14	8	6
5. Corrections Officer	x				1	0	1	0	1
6. Early Childhood Care & Education	x				3	3	7	5	8
7. EMT - Basic					4	5	4	7	9
8. Entrepreneurial / Small Business	x			x	3	4	7	5	3
9. Health Careers	x				10	8	4	3	2
10. Mechatronics	x				2	6	4	5	11
11. Microsoft Office Specialist	x			x	1	3	1	2	3
12. Office Assistant	x				0	0	3	0	3
13. Practical Nursing	x				20	29	13	30	17
14. Private Security	x				0	0	0	0	0
15. Sustainability	x				0	0	0	0	0
16. Water Technology				x	4	4	9	19	18
17. Welding	x				32	24	22	12	19
B. Associate Degree	D	MQ	SC	OL	2020	2021	2022	2023	2024
1. Accounting	x				15	18	18	18	21
2. Agricultural Operations	x			x	0	0	0	4	1
3. Agriculture	x				1	2	4	1	1
4. Automotive Technology	x				12	6	9	10	8
5. Business	x			x	43	59	68	65	60
6. Computer Information Systems: Programming and Use	x				6	9	11	13	11
7. Computer Information Systems: Software/Network Su	x				32	6	7	9	7
8. Computer Network Systems & Security	x				32	26	17	24	25
9. Corrections	x				1	0	0	0	0
10. Criminal Justice	x				36	35	31	33	25
11. Early Childhood Education	x				25	26	26	28	39
12. Environmental Management	x				2	2	2	1	0
13. Forest Technology	x			x	0	0	0	3	10
14. General Studies	x				100	19	5	1	0
15. Geographic Information Systems	x				3	5	3	3	4
16. Human Services	x				15	7	2	1	0
17. Law Enforcement	x				2	0	0	0	0
18. Magnetic Resonance Imaging Technologist	x				1	0	0	0	1
19. Marketing	x			x	9	6	7	9	11
20. Mechatronics and Robotics Systems	x				16	11	9	8	14
21. Nursing	x				79	80	73	56	90
22. Occupational Studies	x				0	2	3	3	2
23. Office Systems/ Administrative Assistant	x				10	11	8	9	7
24. Office Systems/Medical Office Specialist	x				3	0	0	0	0
25. Paramedic	x				15	9	6	8	5

D = Dickinson Campus, MQ = Marquette, SC = Schoolcraft, OL = Online

b. Project enrollment patterns over next five years:

Overall, Bay College expects enrollment increase by 5% over the next three years (1% - 2% each year) through intentional efforts for persistence, retention, and completion. Assumptions used for this analysis include increased focus on attracting regional graduating high school students, increased dual enrollment and early college efforts by reducing barriers for a more collaborative approach to increase course offerings, and utilize the strength of our data collection and analysis. Additionally, enrollments for older students are expected to increase slightly with Reconnect Program enrollees, and through increased partnerships with community-based organizations, building partnerships with our business/industry partners and our local native community.

Nearly 78% of Bay College's degree seeking students take online classes, with 38% of students enjoying all their courses delivered in a full online format, and another 40% enrolled in a combination of in-seat and online courses. Those taking all their classes on campus only reaching 22%. There are also numerous courses that are being offered in hybrid environment, where a high percentage of the course is completed in the online environment, with minimal on campus visits required during the semester.

We continue to focus on growing our existing programs and studying areas where new programs may be needed in our local service area. We continue to utilize available studies and tools, specifically the Michigan Department of Technology, Management and Budget website for Michigan Bureau of Labor Market Information and Strategic Initiatives, to help identify future occupations for our specific labor market. We are in the process of doing major strategic planning to develop a plan for the next years, with our major focus on our communities and meeting their training and job needs in the future. The five pillars of our Strategic Plan have been developed and include: Amplify Institutional Value and Brand Identity; Design a Holistic Student Experience; Cultivate a Culture of Care and Well-Being; Build Industry-Responsive Partnerships; and Adopt Future-Ready Technology.

c. Evaluate enrollment patterns over last five years:

Degree Seeking Students

	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Degree Seeking Students	1,282	1,224	1,126	1,082	1,214

Enrollment by Degree Type

Enrollment by Degree Type bar chart showing AA, AS, AAS, and Certificate enrollments for Fall 2020 through Fall 2024.
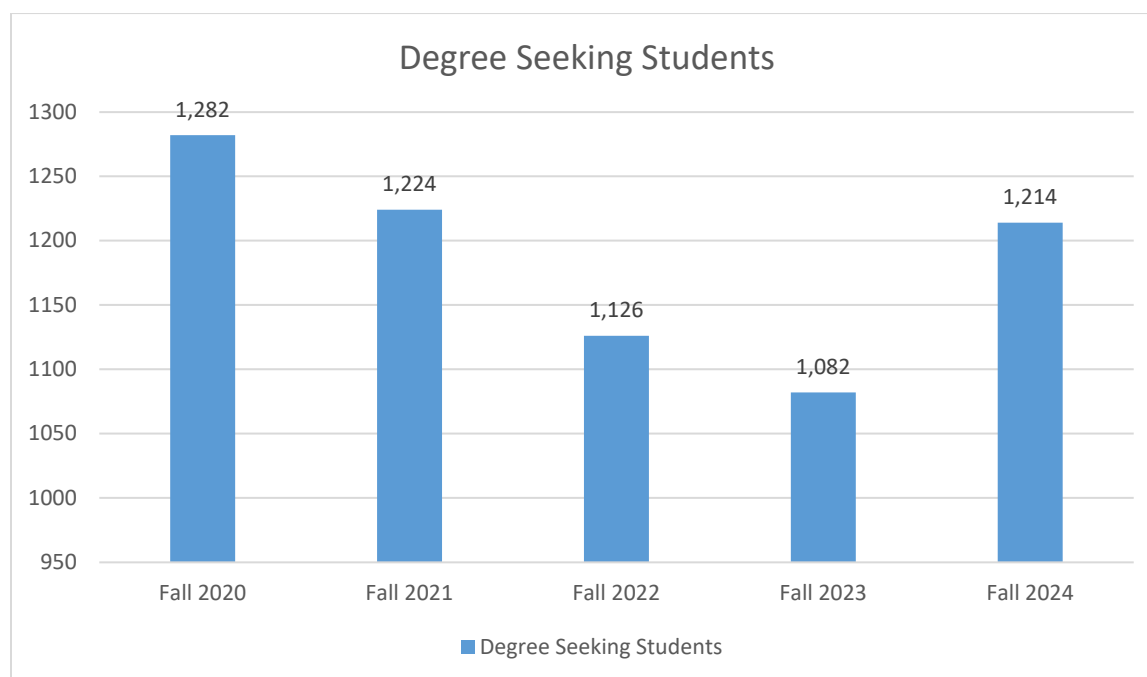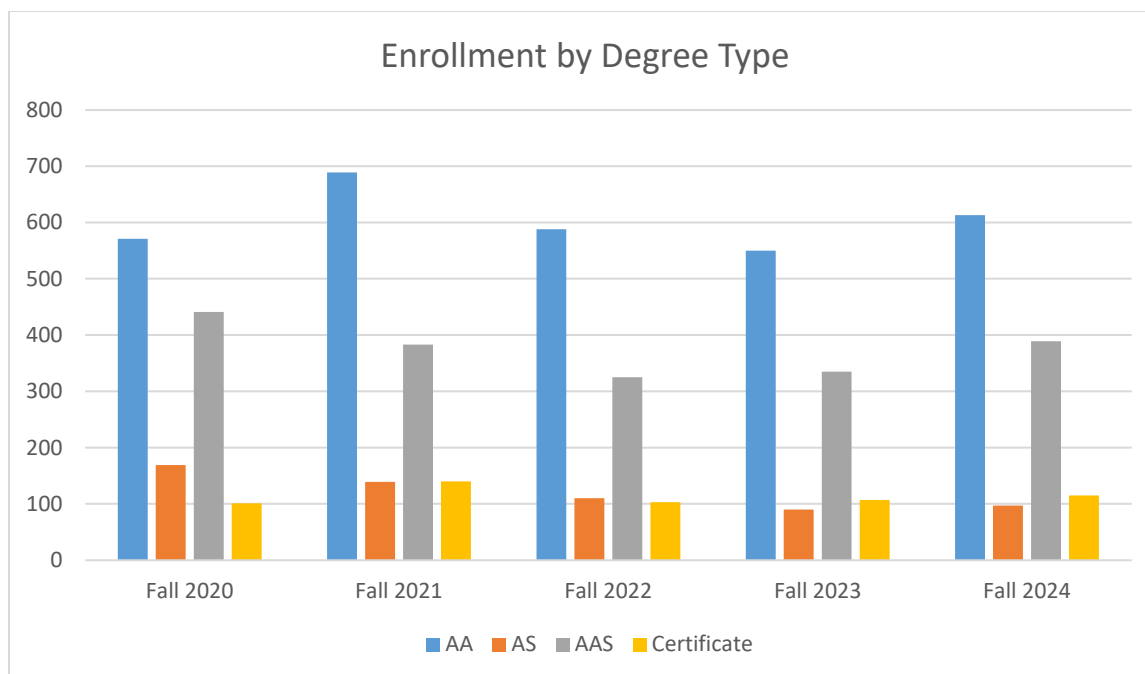
d.   Provide instructional staff/student and administrative staff/student ratios:

	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Degree Seeking Student	**1,282**	**1,224**	**1,126**	**1,082**	**1,214**
by employee types					
Full-Time Faculty	37	36	38	38	38
Part-Time Faculty	76	75	68	72	72
Administrative Staff	90	84	86	92	110
Student to Faculty Ratio	17 to 1	17 to 1	16 to 1	14 to 1	16 to 1
Student to Administrative Staff*	15 to 1	16 to 1	16 to 1	12 to 1	13 to 1

e.   Project future staffing needs based on five-year enrollment estimates and future:

Bay expects to reduce current employee levels over the next five years using reallocation of resources as a model.

f.   Identify current average class size and projected average class size based on institution's mission and planned programming changes:

	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Degree Seeking Students	**1,282**	**1,224**	**1,126**	**1,082**	**1,214**
Term section and Course Date					
Number of courses	184	188	190	202	218
Number of sections	360	345	385	403	409
Average class size	13.9	15.3	15.0	14.4	15.56
Average CR Hours/ Student	10.9	10.4	10.1	10.2	10.08
Average CT Hours/ Student	12.2	11.7	11.2	11.2	11.2
Course Capacity %	71%	72%	67%	66%	73%

IV

Facility Assessment

Section IV. Facility Assessment

Bay de Noc Community College first opened its doors to students in the Fall of 1963 in downtown Escanaba. The College currently consists of two campuses located in Escanaba, Michigan and Iron Mountain, Michigan. The 150-acre main campus in Escanaba includes 12 buildings that total nearly 355,000 square feet with six major parking lots offering over 1,274 parking spaces and 42 handicap spaces. The 25-acre campus in Iron Mountain includes a core building with 66,700 square feet and a separate storage building and one major parking lot, providing 304 spaces, 8 for handicap accessibility.

A.   **Summary Description of Each Facility**

1.   **MS 100 - Math and Science Building**

Constructed in 1968, the Math and Science building was the first building constructed at the current Bay College site. A college greenhouse was added to the structure in a 1999 expansion. The building is currently 18,302 square feet and contains a greenhouse, three science laboratories, three classrooms, including two ITV classrooms, and 14 faculty offices. The building was renovated in summer 2016 to improve student circulation corridors, add collaboration areas, and improve classrooms. Boilers and circulation pumps were replaced in 2020. To improve building security, digital card readers were installed in 2021 and digital door locks in 2022. Also, more security cameras were added in 2022. Pneumatic temperature controls were converted to digital controls in 2022. The exterior of the facility is brick and the overall condition of the building is good.

2.   **CB 200 - Catherine Bonifas Building**

The Catherine Bonifas Building was constructed in 1970. Art and ceramics classrooms and administrative offices were added in 1999. Boilers were replaced in 2020 and two new circulation pumps in 2023.. In 2021 fin-tube heating was updated, 2 roof top air handling units were added and new LED lamp posts were added to the North parking lot. The building is currently 28,428 square feet and contains an art classroom, a public art gallery, a ceramics classroom, seven general use classrooms, a board room, 16 administrative and support offices, and 18 faculty offices. To improve building security, digital card readers were installed in 2021 and digital door locks in 2022. Pneumatic temperature controls were converted to digital controls in 2022. Fin tube heating was added to offices #201B and #201C. In 2023 a new split level AC unit was added to the #219 Data Closet. In 2024, the southwest portion of the building, including offices #228 and #229, the women's restroom, and classrooms #230 and #231, were transformed into a student health clinic named "The Center for Youth Health and Wellness. The "Center" for Youth Health and Wellness Clinic was completed in collaboration & partnership between Bay College and Public Health of Delta and Menominee Counties. Offices #228 and #229 were repurposed as health examination rooms.

The women's restroom was divided to create an all-gender ADA restroom and wet-lab. Classrooms #230 and #231 were converted into spaces for office cubicles and a counseling room. Additionally, an ADA door opener was installed on the entry door to this area. In 2024 the men's restroom located in the southwest end of the building was converted to an all-gender ADA restroom with European style privacy stalls added.
The exterior of the facility is brick, and the overall condition of the building is fair.

3. **PEC 300 – Physical Education Center (formerly YMCA)**

The PEC was constructed in 1970. A pool was added in 1989 and a fitness center in 1996. A 6,048 square foot addition was added to the building in 2019 for the Bay College athletes. This addition includes 4 offices, a training room, home and visiting locker rooms, a coach's locker room, a laundry facility, as well as storage for athletic gear. In 2021 the furnace and gym louvers were replaced, gym lighting was updated and the weight room was renovated to add batting cages for the baseball and softball programs. A 8'x40' concrete emergency access drive was added to the back exterior of the gym leading to the parking lot in 2022. In 2023 an air conditioning system consisting of three roof top units and an interior ducting system was added to the gym. The building is now 38,823 square feet including a basement to provide access to the pool mechanics. The building contains a gymnasium, pool, fitness center, 2 daycare rooms, and 6 administrative offices. 2022 saw a major lobby renovation to include new paint, carpet, drop ceiling and installation of a concession window. In addition, all building lighting was converted to LED and hallways were painted in 2022. To improve building security, digital card readers were installed in 2021 and digital door locks in 2022. Pneumatic temperature controls were converted to digital controls in 2023. In 2024, rooms #304, #305 and #312 were professionally painted and new carpeting was installed. The men's restroom (#302) and the women's restroom (#313) were professionally painted. The exterior of the facility is metal and brick and the overall condition of the building is good.

4. **BHAT 400 – Besse Health and Technology (formerly known as HATC 400 - Health and Applied Technology Center)**

The Besse Health and Technology building was constructed in 1974. In 2002 the combined chemistry/water technology labs were renovated. In 2014 the nursing lab and lecture areas were renovated, and 880 sq. ft was added. In 2015 the computer networking and security labs were renovated as well as a separating the chemistry lab from the water technology lab and providing Water Technology with its own dedicated space. Boilers were replaced in 2020 and in 2021 fin-tube heating was added and controls for 13 chemistry lab fume hoods were upgraded and

in 2023 the outdated strobic fan unit was replaced and ducting from the hoods to the fan were re-routed. In 2023 the new chemical resistant anti-slip epoxy flooring was installed in the Water Tech and Chem Labs, area #413. To improve building security, digital card readers were installed in 2021 and digital door locks in 2022. Also, more security cameras were added in 2022. Pneumatic temperature controls were converted to digital controls and five air handling units and condensers were replaced in 2022. In 2023 the Allied Health office suite was renovated to add (3) additional offices to support the expanding Nursing Program. LED lighting was added to the Auto and Water Tech Labs. The building is currently 50,565 square feet and contains automotive labs, a GIS lab, a Mechatronics lab, Water Technology lab and simulation area, nursing labs and simulation area, 3 computer networking and security labs, a large workroom for various lab activities, large lecture hall, chemistry labs, a Workforce Development & Training lab, 6 administrative and support offices, 21 faculty offices, and 6 general use classrooms. The exterior of the facility is brick, and the overall condition of the building is good.

5. **SC 500 - Student Service Center**

The Student Service Center was constructed in 1970. A bookstore was added in 1999 and a kitchen in 2008. New boilers were installed in 2020 and in 2021 new fin-tube heating was added and the air handler over the Café was replaced. Boilers were replaced in 2020 and circulation pumps were replaced in 2024. To improve building security, digital card readers were installed in 2021 and digital door locks in 2022. Also, more security cameras were added in 2022. Three RTU's were replaced on the west end of the building in 2022 to improve ventilation. Pneumatic temperature controls were converted to digital controls and three outdated electrical panels were replaced with newer ones. New carpet, blinds, paint and furniture were added to Conference Room #525. In 2024 the buildings original circulation pumps were both replaced. The building is currently 25,832 square feet and contains a kitchen with a café open to the public, a bookstore, student support services, human resources suite, counseling services, a small meeting/conference facility, and 20 administrative and support offices. The exterior of the facility is brick and the overall condition of the building is good.

6. **SA 600 - Student Apartments (North and South)**

The student apartments were constructed in 1973. In 2021 an asbestos abatement project was completed. In 2022 numerous renovations were completed which included painting all interior walls with antimicrobial paint, installation of new flooring, plumbing and network wiring upgrades, new and refurbished fin tube radiation heat, the repair of doors and frames, additional security cameras and new bathroom fans. Pneumatic temperature controls were converted to digital controls in 2022 as well.

Additional security lighting and cameras were added in 2023. In 2024, digital ID card reader locks were installed on all entrance and bedroom doors. The north and south buildings total 21,100 square feet and consist of 21 four-person and 8 two-person apartments. The exterior of the facility is brick, and the overall condition of the buildings is fair.

7. BESSE 700 - Besse Center for Performing Arts

The Besse Center was constructed in 2008. A later addition connected the Learning Resource Center to the Student Service Center. The Besse Center is 13,343 square feet and contains a performing arts theatre, public art gallery, cashier's office, and an Art Coordinator's office. An additional 800 square feet was added in the summer of 2016 to expand a pinch point in a gallery corridor. In 2022 the steel beamed entry arbor was sandblasted, rustproofed and painted, theater lights were converted to LED and digital card readers and digital door locks were installed. Pneumatic temperature controls were converted to digital controls in 2023. Building circulation pumps were replaced in 2024. The exterior of the facility is metal, and the overall condition of the building is good.

8. HUB 800 (formerly known as LRC 800 - Learning Resource Center)

The HUB was constructed in 1987 and significantly renovated in 2016 at which time the building was renamed. The building is 37,457 square feet and contains a library, a computer classroom, the Student Success Center, Online Learning and Instructional Technology, Academic and Certification Testing, student gathering and study space, 19 support offices, art gallery storage, and a conference room. In 2017 the exterior metal siding panels were sealed. Pneumatic temperature controls were converted to digital controls in 2022. The exterior of the facility is metal, and the overall condition of the building is good.

9. JHUC 900 - Joseph Heirman University Center

The Joseph Heirman University Center was constructed in 1999. In 2021 a new building humidification system was installed and hallway lights were converted to LED. In 2022 digital card readers, digital door locks and more security cameras were added. Pneumatic temperature controls were converted to digital controls, a new gas water heater and air handling dampers were installed and the data center HVAC was replaced. In 2023 the Main Lobby was remodeled, blinds were replaced in the classrooms and a new sign was installed at the outer entry. Both building circulation pumps were replaced in 2024. The building is 40,600 square feet and contains a computer lab open to the public, a catering kitchen, 3 large multipurpose conference rooms, 2 small seminar rooms, 6 computer classrooms, 4 general use classrooms, the EMT/Paramedic lab and classrooms, 9 administrative and support offices, 12 faculty offices, Workforce Development & Training offices and computer lab,

and an onsite University partner office suite. The exterior of the facility is metal, and the overall condition of the building is good.

10. SHIP/WELD 1000 - Shipping & Receiving and Welding

Originally used as a diesel shop, the Shipping and Receiving building was constructed in 1974. A welding laboratory was added in 1989 with the original addition renovated in 2015 doubling the size of the welding lab. The building is 26,250 square feet and contains two welding classrooms, two welding labs, a machine tool lab, 2 faculty offices, a large shipping and receiving area, and a large outdoor storage area. The exterior of the original facility is metal and the overall condition is fair, however the new addition is in very good condition. To improve building security, digital card readers were installed in 2021 and digital door locks in 2022. The lighting in the welding labs and shipping were upgraded to LED in 2023.

11. MAINT 1100 - Maintenance Building (Building 1 and Building 2)

The 2 Maintenance Buildings were constructed in 1970. The buildings total 17,878 square feet and contain a mechanical lab, 1 conference room, 6 support offices, 3 cold storage bays, 1 warm storage bay, and an extensive fenced exterior storage area. The Garage lighting was upgraded to LED in 2023. New electrical panels were installed in 2021. The exterior of the building is metal, and the overall condition of the building is fair.

12. YMCA 2000 (formerly known as M-TECH 2000 – Michigan Technological Education Center)

The M-TEC building was constructed in 1999. For 22 years it housed Bay's Workforce Development & Training Center. On February 15, 2021 the College entered into a 50-year lease with the Northern Lights YMCA to house the Delta Program Center. The YMCA completed a major renovation summer 2021 and opened for business in the fall. The building is 42,170 square feet. The exterior of the facility is aluminum, and the overall condition of the building is good.

13. Extension Building

The Extension Building was constructed in 1972. The 5,000 square foot building is currently being leased by a private company. In 2021 a major renovation of the exterior was completed including the replacement of the wood façade with a metal façade, installation of new windows, cleaning and sealing of the wood siding and repair of the parking lot. The exterior of the facility is wood and metal, and the overall condition of the building is good.

14. Bay College – Iron Mountain

The Iron Mountain Campus was constructed in 2006. The building is 66,700 square feet and contains a biology lab, a chemistry lab, a nursing simulation lab, a computer lab open to the public, a testing center, a large conference hall, 2 art galleries, 11 administrative and support offices, 19 faculty offices,10 general use classrooms, 3 ITV classrooms, a computer network and systems lab, and 4 computer classrooms. The exterior of the facility is metal, and the overall condition of the facility is very good.

15. Bay College Iron Mountain Maintenance

Iron Mountain Campus Maintenance Facility was constructed in 2009. The 1,800 square foot building is a storage and maintenance work area. The exterior of the building is metal, and the overall condition is very good.

B. Building and/or Classroom Utilization Rates

The 2024 fall semester classroom utilization rates are presented here. Reports are gathered from Bay's Academic Scheduling system and represent a reporting period from the first day of class, August 26, 2024 to September 27, 2024 – the first month of the fall 2024 semester. All campus buildings and non-office rooms are shown, the only activity tracked was academic course utilization. Peak utilization represents M-F 10:00AM – 3:00PM, Off Peak utilization covers M-F 8:00AM – 10:00AM and 3:00PM – 5:00PM, and evening is represented by any class taught from 5:00PM – close.

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
PEAK 10 AM TO 3 PM
All figures are percentages

Besse Center (BESSE - 700)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	erage
700.3 Sound & Light Booth Theatre Technician																0.0
700D																0.0
701 Music Practice Room																0.0
703 Make-up/Green Room Area																0.0
704 Dressing Room																0.0
704B Shower																0.0
705 Dressing Room																0.0
707 Stagecraft																0.0
708 Mechanical/Electrical																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Besse Health and Technology (BHAT - 400)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	erage
400 Mechatronics Lab																0.0
401C Mail																0.0
402A																0.0
402B Breakroom																0.0
402E ITV Lab			33.3		60.0	50.0	40.0	33.3								36.1
402F Lab			30.0		40.0	33.3	40.0	33.3								29.4
402H Lab																0.0
403 WaterTech Dry Lab																0.0
403A WaterTech Classroom																0.0
403B Mix Sim																0.0
403C Storage																0.0
405 Automotive Classroom			76.0	63.3	38.0	76.0	76.0	76.0								67.6
408 Classroom			46.7	56.0	28.7		20.0	20.0								28.6
410 Classroom			40.0	40.0	40.0	34.0	4.0	4.0								27.0
413A Chemistry Lab			16.7				36.0	36.0								14.8
413B Chemistry Computer Lab																0.0
413C Water Chemistry Lab				20.0	20.0	20.0	40.0	36.7								22.8
414 Automotive Lab																0.0
414C Storage																0.0
415 Storage																0.0
417 Storage																0.0
418 Wiring Closet																0.0
420 Lecture Classroom				20.0	20.0	20.0	20.0	20.0								16.7
421 Lecture Auditorium			40.0	36.7	16.7	36.7	26.7	56.0								35.4
421A Storage																0.0
421B Storage																0.0
423 Lecture Classroom			56.0	46.7	16.0	36.0	33.3	16.7								34.1
424B Shared Storage																0.0
424C Nursing Lab			16.0	16.0	16.0	32.0	32.0	32.0								24.0
424M Conference-Debriefing Room			52.0	52.0	13.0	5.0	32.0	36.0								31.7
424N Nursing Lab			36.0	36.0	36.0	22.7	36.0	33.3								33.3
426 Workforce Training Nursing Lab																0.0

PEAK

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
PEAK 10 AM TO 3 PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	average
426A Storage																0.0
10/29/2024 2:17 PM																
Chem Lab Prep Room																0.0
Medicine Room																0.0
Sim Station 1 - SimMan																0.0
Sim Station 2 - SimJunior																0.0
Sim Station 3 - Flexible																0.0
Sim Station 4 - SimMom and SimNewB																0.0
SimTech Office 424F																0.0
Total	0.0	0.0	11.1	9.7	8.6	9.1	10.9	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0

Catherine Bonifas Building (CB - 200)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	average
200 A Painting Classroom			20.0	20.0	16.7											9.4
200C Storage																0.0
200E Art Lab							36.7	16.7								8.9
218 Classroom				10.0	15.0	76.0	19.0									20.0
219 Computer Wiring Closet																0.0
221 Classroom			76.0	63.3												23.2
223 Copy Room																0.0
225 ITV Classroom			33.3	63.3	76.0	63.3										39.3
232 Early Childhood Lab																0.0
233 Classroom																0.0
234 Vending Machines																0.0
235 Custodial																0.0
236 Mechanical Room																0.0
Total	0.0	0.0	10.3	14.5	11.0	9.7	9.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8

HUB - (HUB 800)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	average
800G Custodial																0.0
802 Copy Room																0.0
832 Lecture Capture																0.0
841 Online Learning																0.0
841A Lounge																0.0
841B Lounge																0.0
849A Online Learning Lounge																0.0
849B Online Learning Lounge																0.0
861 Archives																0.0
870 Computer Lab																0.0
871 Network																0.0
875 Art Storage																0.0
876A Testing Services																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Iron Mountain Campus

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	average
103 Employees Only																0.0
105 Employees Only																0.0
106 Vending																0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
PEAK 10 AM TO 3 PM
All figures are percentages

Room	1	2	3	4	5	6	Total
107 ITV Classroom	76.0	19.0		36.0	25.3	20.0	29.4
109 IT Staff							0.0
110 Data Center							0.0
114 General Classroom					20.0	20.0	6.7
115 ITV Classroom		69.3	70.0	33.3			28.8
118 Classroom	24.0	24.0	24.0	24.0	24.0	24.0	24.0
119 Lecture	20.0	16.7		40.0	40.0	33.3	25.0
120 Employee Only							0.0
122 Elevator Equipment							0.0
123 Staff Lounge							0.0
124 Water Service							0.0
125 Custodial							0.0
126 Faculty Office							0.0
127 Lecture	20.0	46.7	36.0	30.0	76.0	19.0	37.9
128 Faculty Office							0.0
129 Chemistry Lab					20.0	16.7	6.1
130 Faculty Office							0.0
131 Lactation Room							0.0
135 Faculty Office							0.0
136 Faculty Office							0.0
137 Faculty Office							0.0
138 Faculty Office							0.0
140 Nursing Lab	36.0	36.0	36.0	30.0			23.0
141 Nursing Lab	36.0	36.0	36.0	36.0	36.0	36.0	36.0
143 Faculty Office							0.0
145 Nursing Office							0.0
146 SIM Center							0.0
146A Nursing SIM Center							0.0
146B Nursing SIM Center							0.0
146C Nursing SIM Center							0.0
148 Faculty Office							0.0
149 SIM Debriefing							0.0
150 Biology Lab	72.7	46.7		30.0			24.9
151 Chemical Prep							0.0
152 Chemistry Storage							0.0
153 Storage							0.0
156 Science Supply							0.0
157 Faculty Office							0.0
160 Faculty Office							0.0
161 Maintenance Office							0.0
162 Shipping/Receiving							0.0
163 Employees Only							0.0
208 Storage							0.0
210 Career Closet							0.0

PEAK

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
PEAK 10 AM TO 3 PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
218 Staff Lounge																0.0
231 Lecture Room (side A)								18.0								3.0
231 Lecture Room (side B)																0.0
232 Lecture (M-TEC)																0.0
234 Lecture			32.7	13.3	20.0	45.0	53.3	54.3								36.4
236 Classroom						16.0	16.0	16.0								8.0
237 Shipping/Receiving																0.0
241 Food Pantry																0.0
244 ITV Classroom				76.0	63.3	76.0	25.3									40.1
245 Lecture			40.0	33.3												12.2
246 Faculty Office																0.0
247 Faculty Office																0.0
248 Administrative Office																0.0
249 Administrative Office																0.0
251 Computer Classroom																0.0
252 Computer Classroom																0.0
253 Staff Office																0.0
254 IT Help Desk																0.0
256 Testing Center																0.0
257 ITV Computer Classroom																0.0
258 Open Computer Lab																0.0
259 Computer Training																0.0
260 Data Center																0.0
264 CNSS Computer Classroom					36.0	30.0	36.0	30.0								22.0
265 Faculty Office																0.0
266 Equipment																0.0
Total	0.0	0.0	4.9	5.7	4.4	5.8	5.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
Joseph Heirman University Center (JHUC - 900)	**8a**	**9a**	**10a**	**11a**	**12p**	**1p**	**2p**	**3p**	**4p**	**5p**	**6p**	**7p**	**8p**	**9p**	**10p**	**erage**
901 Classroom			18.0	67.0	46.0	30.0	36.0	9.0								34.3
903 Classroom			16.0	53.3	58.0	27.0		18.0								28.7
906 Wiring Closet																0.0
908A Computer Classroom				30.0			30.0	36.0								16.0
908B Computer Classroom			52.7	9.0				18.0								13.3
908C ITV Computer Classroom			57.0													9.5
908D Graphics Design Lab			36.7	16.7												8.9
908E Computer Classroom			38.0	57.0	18.0	27.0	40.0	10.0								31.7
908L																0.0
908M IT Workroom																0.0
909 Classroom			60.0	56.7	16.7		20.0	20.0								28.9
910 Custodial																0.0
911 Classroom			63.3		72.0	66.0	56.0	40.0								49.6
912 Lounge/Mail																0.0
913 Workroom																0.0
920 Storage																0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
PEAK 10 AM TO 3 PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	average
922D																0.0
922E																0.0
929 Office																0.0
941 Workroom																0.0
942 Waiting Room																0.0
956 Storage																0.0
960 Custodial Closet																0.0
961 Classroom																0.0
963 Classroom																0.0
964 Kitchen																0.0
966 Storage																0.0
972A EMT Classroom			20.0	20.0	16.7	20.0	40.0	40.0								26.1
972B EMT Lab																0.0
980 Mechanical Room																0.0
Control Room																0.0
EMT/Paramedic Ambulance					10.0	20.0	20.0	20.0								11.7
Open Computing Lab																0.0
Simulation																0.0
Total	0.0	0.0	10.3	8.8	6.8	5.4	6.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4

10/29/2024 2:17 PM

Math Science Building (MS - 100)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	average
100 Mechanical Room																0.0
100A Custodial/Maintenance																0.0
100B Custodial/Maintenance																0.0
110 Physics Classroom/Lab				40.0	52.7	15.0	60.0	50.0								36.3
110A Storage & Preparation																0.0
112 Life Science Lab			33.3			40.0	53.3	16.7								23.9
112A Storage																0.0
113 Wiring Closet																0.0
114 Mailroom																0.0
115 Storage & Prep Room																0.0
115A Storage																0.0
116 Biology Lab			16.0	13.3			20.0	16.7								11.0
116A Storage																0.0
116B Greenhouse																0.0
122A Utilites																0.0
123 Classroom			63.3	63.3		63.3		30.0								36.7
124 ITV Lecture Classroom			57.0	76.0	57.0	57.0	36.0	22.0								50.8
125 ITV Lecture Classroom			46.7		76.0	69.3	76.0	25.3								48.9
Total	0.0	0.0	12.0	10.7	10.3	13.6	13.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5

Physical Education Complex (PEC - 300)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	average
305 Classroom																0.0
315 Gymnasium																0.0
360 Classroom																0.0

30

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
PEAK 10 AM TO 3 PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
362 Pool																0.0
369 Batting Cages																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Student Services Center (SC - 500)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
501 Office																0.0
506 Custodial																0.0
506A Mechanical Room																0.0
512 Office																0.0
513 Office																0.0
514 File Storage																0.0
523 Reception																0.0
524 Laundry/Mail																0.0
526 Serving																0.0
527 Kitchen																0.0
527C Dry-Goods Storage																0.0
527F Receiving																0.0
527G Dry-Goods Storage																0.0
527H Mechanical Room																0.0
528 Storage																0.0
529 Mechanical Room																0.0
530 Custodial																0.0
531 Wiring Closet																0.0
532 Bookstore																0.0
532C Bookstore Receiving																0.0
532D Storage																0.0
Academic Activity																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Welding (WELD - 1000)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
1010 Welding Classroom			30.0			76.0	46.0	30.0								30.3
1011 Welding Classroom			33.3													5.6
1015 Welding Lab																0.0
1020 Welding Lab																0.0
Custodial																0.0
Equipment Crib																0.0
Equipment Crib																0.0
Grinding Stations																0.0
Grinding Stations																0.0
Metallurgy																0.0
Supply Closet																0.0
Welding Combo All Rooms																0.0
Welding Combo Rooms 10,15,17,16																0.0
Welding Combo Rooms 11,20,21,22																0.0
Total	0.0	0.0	4.5	0.0	0.0	5.4	3.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
Grand Total	0.0	0.0	6.5	6.2	5.1	5.9	6.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 8 AM to 10 AM
All figures are percentages

Besse Center (BESSE - 700)	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
700.3 Sound & Light Booth Theatre Technician																0.0
700D																0.0
701 Music Practice Room																0.0
703 Make-up/Green Room Area																0.0
704 Dressing Room																0.0
704B Shower																0.0
705 Dressing Room																0.0
707 Stagecraft																0.0
708 Mechanical/Electrical																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Besse Health and Technology (BHAT - 400)	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
400 Mechatronics Lab																0.0
401C Mail																0.0
402A																0.0
402B Breakroom																0.0
402C Conference Room																0.0
402E ITV Lab		40.0	33.3													24.4
402F Lab		36.0	30.0													22.0
402H Lab																0.0
403 WaterTech Dry Lab																0.0
403A WaterTech Classroom																0.0
403B Mix Sim																0.0
403C Storage																0.0
405 Automotive Classroom	76.0	76.0	76.0													76.0
408 Classroom		56.0	46.7													34.2
410 Classroom	40.0	40.0	40.0													40.0
413A Chemistry Lab		20.0	16.7													12.2
413B Chemistry Computer Lab																0.0
413C Water Chemistry Lab																0.0
414 Automotive Lab																0.0
414C Storage																0.0
415 Storage																0.0
417 Storage																0.0
418 Wiring Closet																0.0
420 Lecture Classroom																0.0
421 Lecture Auditorium		20.0	40.0													20.0
421A Storage																0.0
421B Storage																0.0
423 Lecture Classroom	20.0	56.0	56.0													44.0
424B Shared Storage																0.0
424C Nursing Lab	16.0	16.0	16.0													16.0
424M Conference-Debriefing Room		13.0	52.0													21.7
424N Nursing Lab	36.0	36.0	36.0													36.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 8 AM to 10 AM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
426 Workforce Training Nursing Lab																0.0
426A Storage																0.0
Chem Lab Prep Room																0.0
Medicine Room																0.0
Sim Station 1 - SimMan																0.0
Sim Station 2 - SimJunior																0.0
Sim Station 3 - Flexible																0.0
Sim Station 4 - SimMom and SimNewB																0.0
SimTech Office 424F																0.0
Total	4.6	10.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5

Catherine Bonifas Building (CB - 200)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
200 A Painting Classroom			20.0													6.7
200 D Classroom		10.0	15.0													8.3
200C Storage																0.0
200E Art Lab																0.0
201D Board Room																0.0
218 Classroom	8.0	12.0														6.7
219 Computer Wiring Closet																0.0
221 Classroom	76.0	69.7	76.0													73.9
223 Copy Room																0.0
225 ITV Classroom			33.3													11.1
232 Early Childhood Lab																0.0
233 Classroom																0.0
234 Vending Machines																0.0
235 Custodial																0.0
236 Mechanical Room																0.0
Total	5.6	6.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1

HUB - (HUB 800)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
800G Custodial																0.0
832 Lecture Capture																0.0
841A Lounge																0.0
841B Lounge																0.0
860 Workroom																0.0
861 Archives																0.0
862 LSSU ITV																0.0
870 Computer Lab																0.0
874 Conference																0.0
875 Art Storage																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Iron Mountain Campus

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
103 Employees Only																0.0
104 Fornetti Hall																0.0
105 Employees Only																0.0
106 Vending																0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 8 AM to 10 AM
All figures are percentages

Room				
107 ITV Classroom	36.0	63.3	76.0	58.4
108 Conference Room				0.0
109 IT Staff				0.0
110 Data Center				0.0
111 Conference Room				0.0
114 General Classroom				0.0
115 ITV Classroom				0.0
118 Classroom	4.0	24.0	24.0	17.3
119 Lecture	20.0	20.0	20.0	20.0
120 Employee Only				0.0
122 Elevator Equipment				0.0
123 Staff Lounge				0.0
124 Water Service				0.0
125 Custodial				0.0
126 Faculty Office				0.0
127 Lecture	20.0	20.0	20.0	20.0
128 Faculty Office				0.0
129 Chemistry Lab				0.0
130 Faculty Office				0.0
131 Lactation Room				0.0
135 Faculty Office				0.0
136 Faculty Office				0.0
137 Faculty Office				0.0
138 Faculty Office				0.0
140 Nursing Lab	36.0	36.0	36.0	36.0
141 Nursing Lab	16.0	36.0	36.0	29.3
143 Faculty Office				0.0
145 Nursing Office				0.0
146A Nursing SIM Center				0.0

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Room				
146B Nursing SIM Center				0.0
146C Nursing SIM Center				0.0
148 Faculty Office				0.0
149 SIM Debriefing				0.0
150 Biology Lab	40.0	33.3	72.7	48.7
151 Chemical Prep				0.0
152 Chemistry Storage				0.0
153 Storage				0.0
156 Science Supply				0.0
157 Faculty Office				0.0
160 Faculty Office				0.0
161 Maintenance Office				0.0
162 Shipping/Receiving				0.0
163 Employees Only				0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 8 AM to 10 AM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
204 Conference Room																0.0
208 Storage																0.0
210 Career Closet																0.0
218 Staff Lounge																0.0
224 Student Study Room																0.0
228 Student Study Room																0.0
229 Student Study Room																0.0
231 Lecture Room (side A)																0.0
231 Lecture Room (side B)																0.0
232 Lecture (M-TEC)																0.0
234 Lecture	36.0	36.0	32.7													34.9
236 Classroom																0.0
237 Shipping/Receiving																0.0
241 Food Pantry																0.0
244 ITV Classroom																0.0
245 Lecture			40.0													13.3
246 Faculty Office																0.0
247 Faculty Office																0.0
248 Administrative Office																0.0
249 Administrative Office																0.0
251 Computer Classroom		16.7														5.6
252 Computer Classroom																0.0
253 Staff Office																0.0
254 IT Help Desk																0.0
257 ITV Computer Classroom																0.0
258 Open Computer Lab																0.0
259 Computer Training																0.0
260 Data Center																0.0
264 CNSS Computer Classroom																0.0
265 Faculty Office																0.0
266 Equipment																0.0
Total	2.7	3.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Joseph Heirman University Center (JHUC - 900)	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
901 Classroom			18.0													6.0
903 Classroom	16.0	16.0	16.0													16.0
906 Wiring Closet																0.0
908A Computer Classroom																0.0
908B Computer Classroom		20.0	52.7													24.2
908C ITV Computer Classroom		38.0	57.0													31.7
908D Graphics Design Lab			36.7													12.2
908E Computer Classroom	10.0	15.0	38.0													21.0
908L																0.0
908M IT Workroom																0.0
909 Classroom	40.0	40.0	60.0													46.7

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 8 AM to 10 AM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
910 Custodial																0.0
911 Classroom			63.3													21.1
912 Lounge/Mail																0.0
913 Workroom																0.0
920 Storage																0.0
922D																0.0
922E																0.0
929 Office																0.0
941 Workroom																0.0
942 Waiting Room																0.0
952 Conference Room (all sections)																0.0
952A North Conference Room																0.0
952AB North Conference Rooms																0.0
952B Center Conference Room																0.0
952BC South Conference Rooms																0.0
952C South Conference Room																0.0
956 Storage																0.0
960 Custodial Closet																0.0
961 Classroom																0.0
963 Classroom																0.0
964 Kitchen																0.0
966 Storage																0.0
972A EMT Classroom			20.0													6.7
972B EMT Lab																0.0
980 Mechanical Room																0.0
Conference Room Business Faculty																0.0
Control Room																0.0
EMT Debriefing Room																0.0
EMT/Paramedic Ambulance																0.0
Open Computing Lab																0.0
Simulation																0.0
Total	1.5	3.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3

Math Science Building (MS - 100)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
100 Mechanical Room																0.0
100A Custodial/Maintenance																0.0
100B Custodial/Maintenance																0.0
110 Physics Classroom/Lab																0.0
110A Storage & Preparation																0.0
112 Life Science Lab	20.0	56.7	33.3													36.7
112A Storage																0.0
113 Wiring Closet																0.0
114 Mailroom																0.0
115 Storage & Prep Room																0.0
115A Storage																0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 8 AM to 10 AM
All figures are percentages

Location	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
116 Biology Lab			16.0													5.3
116A Storage																0.0
116B Greenhouse																0.0
122A Utilites																0.0
123 Classroom		38.0	63.3													33.8
124 ITV Lecture Classroom		38.0	57.0													31.7
125 ITV Lecture Classroom	38.0	25.3	46.7													36.7
Total	3.2	8.8	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0

Physical Education Complex (PEC - 300)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
305 Classroom																0.0
315 Gymnasium																0.0
360 Classroom																0.0
362 Pool																0.0
369 Batting Cages																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Student Services Center (SC - 500)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
501 Office																0.0
504 Conference Room																0.0
506 Custodial																0.0
506A Mechanical Room																0.0
512 Office																0.0
513 Office																0.0
514 File Storage																0.0
523 Reception																0.0
523C Conference Room																0.0
524 Laundry/Mail																0.0
525 Conference Room																0.0
526 Serving																0.0
527 Kitchen																0.0
527C Dry-Goods Storage																0.0
527F Receiving																0.0
527G Dry-Goods Storage																0.0
527H Mechanical Room																0.0
528 Storage																0.0
529 Mechanical Room																0.0
530 Custodial																0.0
531 Wiring Closet																0.0
532 Bookstore																0.0
532C Bookstore Receiving																0.0
532D Storage																0.0
Academic Activity																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Welding (WELD - 1000)

Location	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 8 AM to 10 AM
All figures are percentages

1010 Welding Classroom	36.0	36.0	30.0														34.0
1011 Welding Classroom	10.0	40.0	33.3														27.8
1015 Welding Lab																	0.0
1020 Welding Lab																	0.00
Custodial																	0.0
Equipment Crib																	0.0
Equipment Crib																	0.0
Grinding Stations																	0.0
Grinding Stations																	0.0
Metallurgy																	0.0
Supply Closet																	0.0
Welding Combo All Rooms																	0.0
Welding Combo Rooms 10,15,17,16																	0.0
Welding Combo Rooms 11,20,21,22																	0.0
Total	3.3	5.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		4.4
Grand Total	2.5	4.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		4.4

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 3PM to 5PM
All figures are percentages

Besse Center (BESSE - 700)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
700 Besse Center Auditorium																0.0
700.3 Sound & Light Booth Theatre Technician																0.3
700D																0.0
700E Besse Theater Stage																0.0
701 Music Practice Room																0.0
703 Make-up/Green Room Area																0.0
704 Dressing Room																0.0
704B Shower																0.0
705 Dressing Room																0.0
707 Stagecraft																0.0
708 Mechanical/Electrical																0.0
Besse Theater North Gallery																0.0
Besse Theater South Gallery																0.0
Outdoor Entrance to Besse Theater																0.0
Theater																0.0
Theater Work Area																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Besse Health and Technology (BHAT - 400)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
400 Mechatronics Lab																0.0
401C Mail																0.0
402A																0.0
402B Breakroom																0.0
402C Conference Room																0.0
402E ITV Lab									33.3							11.1
402F Lab								33.3	20.0	20.0						24.4
402H Lab																0.0
403 WaterTech Dry Lab																0.0
403A WaterTech Classroom																0.0
403B Mix Sim																0.0
403C Storage																0.0
405 Automotive Classroom								76.0	25.3	36.0						45.8
408 Classroom								20.0	20.0	16.7						18.9
410 Classroom								4.0	4.0							2.7
413A Chemistry Lab								36.0	50.0	20.0						35.3
413B Chemistry Computer Lab																0.0
413C Water Chemistry Lab								36.7	20.0	16.7						24.4
414 Automotive Lab																0.0
414C Storage																0.0
415 Storage																0.0
417 Storage																0.0
418 Wiring Closet																0.0
420 Lecture Classroom								20.0	16.7							12.2
421 Lecture Auditorium								56.0	32.0	20.0						36.0
421A Storage																0.0
421B Storage																0.0
423 Lecture Classroom								16.7								5.6

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 3PM to 5PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
424B Shared Storage																0.0
424C Nursing Lab								32.0	32.0	32.0						32.0
424M Conference-Debriefing Room								36.0	22.0	20.0						26.0
424N Nursing Lab								33.3	20.0	20.0						24.4
426 Workforce Training Nursing Lab																0.0
426A Storage																0.0
Chem Lab Prep Room																0.0
Medicine Room																0.0
Sim Station 1 - SimMan																0.0
Sim Station 2 - SimJunior																0.0
Sim Station 3 - Flexible																0.0
Sim Station 4 - SimMom and SimNewB																0.0
SimTech Office 424F																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	6.4	4.9	0.0	0.0	0.0	0.0	0.0	7.3

Catherine Bonifas Building (CB - 200)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
200 A Painting Classroom																0.0
200 D Classroom								20.0	15.0							11.7
200C Storage																0.0
200E Art Lab								16.7								5.6
200F Hartwig Gallery																0.0
201D Board Room																0.0
218 Classroom								19.0								6.3
219 Computer Wiring Closet																0.0
221 Classroom																0.0
223 Copy Room																0.0
225 ITV Classroom																0.0
232 Early Childhood Lab																0.0
233 Classroom																0.0
234 Vending Machines																0.0
235 Custodial																0.0
236 Mechanical Room																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.5

HUB - (HUB 800)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
800G Custodial																0.0
832 Lecture Capture																0.0
841A Lounge																0.0
841B Lounge																0.0
860 Workroom																0.0
861 Archives																0.0
862 LSSU ITV																0.0
870 Computer Lab																0.0
874 Conference																0.0
875 Art Storage																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Iron Mountain Campus

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
103 Employees Only																0.0
104 Fornetti Hall																0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 3PM to 5PM
All figures are percentages

Room				
105 Employees Only				0.0
106 Vending				0.0
107 ITV Classroom	20.0	16.7		12.2
108 Conference Room				0.0
109 IT Staff				0.0
110 Data Center				0.0
111 Conference Room				0.0
114 General Classroom	20.0	20.0		13.3
115 ITV Classroom				0.0
118 Classroom	24.0	16.7		13.6
119 Lecture	33.3			11.1
120 Employee Only				0.0
122 Elevator Equipment				0.0
123 Staff Lounge				0.0
124 Water Service				0.0
125 Custodial				0.0
126 Faculty Office				0.0
127 Lecture	19.0	33.3	40.0	30.8
128 Faculty Office				0.0
129 Chemistry Lab	16.7			5.6
130 Faculty Office				0.0
131 Lactation Room				0.0
135 Faculty Office				0.0
136 Faculty Office				0.0
137 Faculty Office				0.0
138 Faculty Office				0.0
140 Nursing Lab				0.0
141 Nursing Lab	36.0	32.7	16.0	28.2
143 Faculty Office				0.0
145 Nursing Office				0.0
146A Nursing SIM Center				0.0
146B Nursing SIM Center				0.0
146C Nursing SIM Center				0.0
148 Faculty Office				0.0
149 SIM Debriefing				0.0
150 Biology Lab				0.0
151 Chemical Prep				0.0
152 Chemistry Storage				0.0
153 Storage				0.0
156 Science Supply				0.0
157 Faculty Office				0.0
160 Faculty Office				0.0
161 Maintenance Office				0.0
162 Shipping/Receiving				0.0
163 Employees Only				0.0
204 Conference Room				0.0
208 Storage				0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 3PM to 5PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
210 Career Closet																0.0
218 Staff Lounge																0.0
224 Student Study Room																0.0
228 Student Study Room																0.0
229 Student Study Room																0.0
231 Lecture Room (side A)								18.0	36.0	30.0						28.0
231 Lecture Room (side B)																0.0
232 Lecture (M-TEC)																0.0
234 Lecture								54.3	16.0	16.0						28.8
236 Classroom								16.0	13.3							9.8
237 Shipping/Receiving																0.0
241 Food Pantry																0.0
244 ITV Classroom										36.0						12.0
245 Lecture									60.0	30.0						30.0
246 Faculty Office																0.0
247 Faculty Office																0.0
248 Administrative Office																0.0
249 Administrative Office																0.0
251 Computer Classroom									10.0	20.0						10.0
252 Computer Classroom																0.0
253 Staff Office																0.0
254 IT Help Desk																0.0
257 ITV Computer Classroom																0.0
258 Open Computer Lab																0.0
259 Computer Training																0.0
260 Data Center																0.0
264 CNSS Computer Classroom								30.0	40.0	33.3						34.4
265 Faculty Office																0.0
266 Equipment																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.8	2.8	0.0	0.0	0.0	0.0	0.0	3.4

Joseph Heirman University Center (JHUC - 900)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
901 Classroom								9.0	20.0	20.0						16.3
903 Classroom								18.0	31.0	4.0						17.7
906 Wiring Closet																0.0
908A Computer Classroom								36.0	9.0							15.0
908B Computer Classroom								18.0	27.0							15.0
908C ITV Computer Classroom																0.0
908D Graphics Design Lab																0.0
908E Computer Classroom								10.0								3.3
908L																0.0
908M IT Workroom																0.0
909 Classroom								20.0	16.7							12.2
910 Custodial																0.0
911 Classroom								40.0	40.0							26.7
912 Lounge/Mail																0.0
913 Workroom																0.0
920 Storage																0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 3PM to 5PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
922D																0.0
922E																0.0
929 Office																0.0
941 Workroom																0.0
942 Waiting Room																0.0
952 Conference Room (all sections)																0.0
952A North Conference Room																0.0
952AB North Conference Rooms																0.0
952B Center Conference Room																0.0
952BC South Conference Rooms																0.0
952C South Conference Room																0.0
956 Storage																0.0
960 Custodial Closet																0.0
961 Classroom																0.0
963 Classroom																0.0
964 Kitchen																0.0
966 Storage																0.0
972A EMT Classroom								40.0	33.3							24.4
972B EMT Lab																0.0
980 Mechanical Room																0.0
Conference Room Business Faculty																0.0
Control Room																0.0
EMT Debriefing Room																0.0
EMT/Paramedic Ambulance								20.0	10.0							10.0
Open Computing Lab																0.0
Simulation																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	4.3	0.6	0.0	0.0	0.0	0.0	0.0	3.3

Math Science Building (MS - 100)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
100 Mechanical Room																0.0
100A Custodial/Maintenance																0.0
100B Custodial/Maintenance																0.0
110 Physics Classroom/Lab								50.0								16.7
110A Storage & Preparation																0.0
112 Life Science Lab								16.7								5.6
112A Storage																0.0
113 Wiring Closet																0.0
114 Mailroom																0.0
115 Storage & Prep Room																0.0
115A Storage																0.0
116 Biology Lab								16.7	20.0	20.0						18.9
116A Storage																0.0
116B Greenhouse																0.0
122A Utilites																0.0
123 Classroom								30.0	36.0	30.0						32.0
124 ITV Lecture Classroom								22.0	20.0	20.0						20.7
125 ITV Lecture Classroom								25.3								8.4
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	4.2	3.9	0.0	0.0	0.0	0.0	0.0	5.7

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Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 3PM to 5PM
All figures are percentages

Physical Education Complex (PEC - 300)

Location	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
305 Classroom																0.0
315 Gymnasium																0.0
360 Classroom																0.0
362 Pool																0.0
369 Batting Cages																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Student Services Center (SC - 500)

Location	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
501 Office																0.0
504 Conference Room																0.0
506 Custodial																0.0
506A Mechanical Room																0.0
512 Office																0.0
513 Office																0.0
514 File Storage																0.0
523 Reception																0.0
523C Conference Room																0.0
524 Laundry/Mail																0.0
525 Conference Room																0.0
526 Serving																0.0
527 Kitchen																0.0
527C Dry-Goods Storage																0.0
527F Receiving																0.0
527G Dry-Goods Storage																0.0
527H Mechanical Room																0.0
528 Storage																0.0
529 Mechanical Room																0.0
530 Custodial																0.0
531 Wiring Closet																0.0
532 Bookstore																0.0
532C Bookstore Receiving																0.0
532D Storage																0.0
Academic Activity																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Welding (WELD - 1000)

Location	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
1010 Welding Classroom								30.0								10.0
1011 Welding Classroom																0.0
1015 Welding Lab																0.0
1020 Welding Lab																0.0
Custodial																0.0
Equipment Crib																0.0
Equipment Crib																0.0
Grinding Stations																0.0
Grinding Stations																0.0
Metallurgy																0.0
Supply Closet																0.0

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Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Off Peak - 3PM to 5PM
All figures are percentages

Welding Combo All Rooms																0.0
Welding Combo Rooms 10,15,17,16																0.0
Welding Combo Rooms 11,20,21,22																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Grand Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	3.1	1.9	0.0	0.0	0.0	0.0	0.0	3.2

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Evening Utilization 5PM - 10PM
All figures are percentages

Besse Center (BESSE - 700)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
700 Besse Center Auditorium																0.0
700.3 Sound & Light Booth Theatre Technician																0.0
700D																0.0
700E Besse Theater Stage																0.0
701 Music Practice Room																0.0
703 Make-up/Green Room Area																0.0
704 Dressing Room																0.0
704B Shower																0.0
705 Dressing Room																0.0
707 Stagecraft																0.0
708 Mechanical/Electrical																0.0
Besse Theater North Gallery																0.0
Besse Theater South Gallery																0.0
Outdoor Entrance to Besse Theater																0.0
Theater																0.0
Theater Work Area																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Besse Health and Technology (BHAT - 400)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
400 Mechatronics Lab																0.0
401C Mail																0.0
402A																0.0
402B Breakroom																0.0
402C Conference Room																0.0
402E ITV Lab																0.0
402F Lab											20.0	20.0					6.7
402H Lab																0.0
403 WaterTech Dry Lab																0.0
403A WaterTech Classroom																0.0
403B Mix Sim																0.0
403C Storage																0.0
405 Automotive Classroom											36.0	36.0	30.0				17.0
408 Classroom											16.7						2.8
410 Classroom																0.0
413A Chemistry Lab											20.0	16.7					6.1
413B Chemistry Computer Lab																0.0
413C Water Chemistry Lab											16.7						2.8
414 Automotive Lab																0.0
414C Storage																0.0
415 Storage																0.0
417 Storage																0.0
418 Wiring Closet																0.0
420 Lecture Classroom																0.0
421 Lecture Auditorium											20.0	6.7					4.4

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Evening Utilization 5PM - 10PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
421A Storage																0.0
421B Storage																0.0
423 Lecture Classroom																0.0
424B Shared Storage																0.0
424C Nursing Lab										32.0	32.0	32.0	13.3			18.2
424M Conference-Debriefing Room										20.0	20.0	5.0				7.5
424N Nursing Lab										20.0	20.0	16.7				9.4
426 Workforce Training Nursing Lab																0.0
426A Storage																0.0
Chem Lab Prep Room																0.0
Medicine Room																0.0
Sim Station 1 - SimMan																0.0
Sim Station 2 - SimJunior																0.0
Sim Station 3 - Flexible																0.0
Sim Station 4 - SimMom and SimNewB																0.0
SimTech Office 424F																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	3.7	2.0	0.3	0.0	0.0	1.8

Catherine Bonifas Building (CB - 200)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
200 A Painting Classroom																0.0
200 D Classroom																0.0
200C Storage																0.0
200E Art Lab																0.0
200F Hartwig Gallery																0.0
201D Board Room																0.0
218 Classroom																0.0
219 Computer Wiring Closet																0.0
221 Classroom																0.0
223 Copy Room																0.0
225 ITV Classroom																0.0
232 Early Childhood Lab																0.0
233 Classroom																0.0
234 Vending Machines																0.0
235 Custodial																0.0
236 Mechanical Room																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

HUB - (HUB 800)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
800G Custodial																0.0
832 Lecture Capture																0.0
841A Lounge																0.0
841B Lounge																0.0
860 Workroom																0.0
861 Archives																0.0
862 LSSU ITV																0.0
870 Computer Lab																0.0

Evening Hours

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Evening Utilization 5PM - 10PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
874 Conference																0.0
875 Art Storage																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iron Mountain Campus																
103 Employees Only																0.0
104 Fornetti Hall																0.0
105 Employees Only																0.0
106 Vending																0.0
107 ITV Classroom																0.0
108 Conference Room																0.0
109 IT Staff																0.0
110 Data Center																0.0
111 Conference Room																0.0
114 General Classroom																0.0
115 ITV Classroom																0.0
118 Classroom																0.0
119 Lecture																0.0
120 Employee Only																0.0
122 Elevator Equipment																0.0
123 Staff Lounge																0.0
124 Water Service																0.0
125 Custodial																0.0
126 Faculty Office																0.0
127 Lecture										40.0	33.3					12.2
128 Faculty Office																0.0
129 Chemistry Lab																0.0
130 Faculty Office																0.0
131 Lactation Room																0.0
135 Faculty Office																0.0
136 Faculty Office																0.0
137 Faculty Office																0.0
138 Faculty Office																0.0
140 Nursing Lab																0.0
141 Nursing Lab										16.0	16.0	16.0				8.0
143 Faculty Office																0.0
145 Nursing Office																0.0
146A Nursing SIM Center																0.0
146B Nursing SIM Center																0.0
146C Nursing SIM Center																0.0
148 Faculty Office																0.0
149 SIM Debriefing																0.0
150 Biology Lab																0.0
151 Chemical Prep																0.0
152 Chemistry Storage																0.0

Evening Hours

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Evening Utilization 5PM - 10PM
All figures are percentages

Room	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
153 Storage																0.0
156 Science Supply																0.0
157 Faculty Office																0.0
160 Faculty Office																0.0
161 Maintenance Office																0.0
162 Shipping/Receiving																0.0
163 Employees Only																0.0
204 Conference Room																0.0
208 Storage																0.0
210 Career Closet																0.0
218 Staff Lounge																0.0
224 Student Study Room																0.0
228 Student Study Room																0.0
229 Student Study Room																0.0
231 Lecture Room (side A)										30.0	36.0	36.0				17.0
231 Lecture Room (side B)																0.0
232 Lecture (M-TEC)																0.0
234 Lecture										16.0	16.0					5.3
236 Classroom																0.0
237 Shipping/Receiving																0.0
241 Food Pantry																0.0
244 ITV Classroom										36.0	30.0					11.0
245 Lecture										30.0	15.0					7.5
246 Faculty Office																0.0
247 Faculty Office																0.0
248 Administrative Office																0.0
249 Administrative Office																0.0
251 Computer Classroom										20.0	6.7					4.4
252 Computer Classroom																0.0
253 Staff Office																0.0
254 IT Help Desk																0.0
257 ITV Computer Classroom																0.0
258 Open Computer Lab																0.0
259 Computer Training																0.0
260 Data Center																0.0
264 CNSS Computer Classroom										33.3	40.0	40.0	33.3			24.4
265 Faculty Office																0.0
266 Equipment																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.5	1.2	0.4	0.0	0.0	1.2

Joseph Heirman University Center (JHUC - 900)

Room	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
901 Classroom										20.0	20.0	20.0	15.0			12.5
903 Classroom										4.0	4.0	4.0				2.0
906 Wiring Closet																0.0
908A Computer Classroom																0.0

Evening Hours

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Evening Utilization 5PM - 10PM
All figures are percentages

	8a		9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
908B Computer Classroom																	0.0
908C ITV Computer Classroom																	0.0
908D Graphics Design Lab																	0.0
908E Computer Classroom												20.0	20.0	15.0			9.2
908L																	0.0
908M IT Workroom																	0.0
909 Classroom																	0.0
910 Custodial																	0.0
911 Classroom																	0.0
912 Lounge/Mail																	0.0
913 Workroom																	0.0
920 Storage																	0.0
922D																	0.0
922E																	0.0
929 Office																	0.0
941 Workroom																	0.0
942 Waiting Room																	0.0
952 Conference Room (all sections)																	0.0
952A North Conference Room																	0.0
952AB North Conference Rooms																	0.0
952B Center Conference Room																	0.0
952BC South Conference Rooms																	0.0
952C South Conference Room																	0.0
956 Storage																	0.0
960 Custodial Closet																	0.0
961 Classroom																	0.0
963 Classroom																	0.0
964 Kitchen																	0.0
966 Storage																	0.0
972A EMT Classroom																	0.0
972B EMT Lab																	0.0
980 Mechanical Room																	0.0
Conference Room Business Faculty																	0.0
Control Room																	0.0
EMT Debriefing Room																	0.0
EMT/Paramedic Ambulance																	0.0
Open Computing Lab																	0.0
Simulation																	0.0
Total	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.0	0.7	0.0	0.0	0.6

Math Science Building (MS - 100)

	8a		9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
100 Mechanical Room																	0.0
100A Custodial/Maintenance																	0.0
100B Custodial/Maintenance																	0.0
110 Physics Classroom/Lab												36.7	16.7				8.9

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Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Evening Utilization 5PM - 10PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
110A Storage & Preparation																0.0
112 Life Science Lab																0.0
112A Storage																0.0
113 Wiring Closet																0.0
114 Mailroom																0.0
115 Storage & Prep Room																0.0
115A Storage																0.0
116 Biology Lab										20.0	16.7	20.0	16.7			12.2
116A Storage																0.0
116B Greenhouse																0.0
122A Utilites																0.0
123 Classroom										30.0	36.0	30.0				16.0
124 ITV Lecture Classroom										20.0						3.3
125 ITV Lecture Classroom											36.0	30.0				11.0

Physical Education Complex (PEC - 300)	8a		9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
305 Classroom																	0.0
315 Gymnasium																	0.0
360 Classroom																	0.0
362 Pool																	0.0
369 Batting Cages																	0.0
Total	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Student Services Center (SC - 500)	8a		9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
501 Office																	0.0
504 Conference Room																	0.0
506 Custodial																	0.0
506A Mechanical Room																	0.0
512 Office																	0.0
513 Office																	0.0
514 File Storage																	0.0
523 Reception																	0.0
523C Conference Room																	0.0
524 Laundry/Mail																	0.0
525 Conference Room																	0.0
526 Serving																	0.0
527 Kitchen																	0.0
527C Dry-Goods Storage																	0.0
527F Receiving																	0.0
527G Dry-Goods Storage																	0.0
527H Mechanical Room																	0.0
528 Storage																	0.0
529 Mechanical Room																	0.0
530 Custodial																	0.0
531 Wiring Closet																	0.0
532 Bookstore																	0.0

Reporting Period: MTWThF, 8/26/2024 thru 9/27/2024 (25 days)
Evening Utilization 5PM - 10PM
All figures are percentages

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
532C Bookstore Receiving																0.0
532D Storage																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Welding (WELD - 1000)

	8a	9a	10a	11a	12p	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	Average
1010 Welding Classroom																0.0
1011 Welding Classroom																0.0
1015 Welding Lab																0.0
1020 Welding Lab																0.0
Custodial																0.0
Equipment Crib																0.0
Grinding Stations																0.0
Grinding Stations																0.0
Metallurgy																0.0
Supply Closet																0.0
Welding Combo All Rooms																0.0
Welding Combo Rooms 10,15,17,16																0.0
Welding Combo Rooms 11,20,21,22																0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grand Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	1.2	0.4	0.0	0.0	0.9

C. Mandated Facility Standards for Specific Programs

Bay College meets general space requirements as noted in federal accreditation standards. This includes meeting higher levels of space and equipment standards for specific programs such as Early Childhood Education, Nursing, Automotive, Biology and Chemistry laboratories, EMT/Paramedic, Welding, Water Technology, and Mechatronics. Bay College is at capacity for meeting programmatic needs and will require additional space for program growth.

D. Functionality of Existing Structures and Space Allocation to Program Areas Served

a. MS 100 - Math and Science Building
Serves academic division Math and Sciences and contains a greenhouse that supports both academic and community activities.

b. CB 200 - Catherine Bonifas Building
Serves primarily the Arts & Letters and Social & Behavioral Sciences academic divisions. The Early Childhood Education program is supported in this building. Administration is also located in this building. This building houses the Center for Youth Health and Wellness, thanks to a collaboration between Bay College and the Public Health Department of Delta and Menominee counties.

c. PEC 300 – Physical Education Complex
Supports students in providing physical activities and wellness opportunities. Supports college athletics. The pool area of this building is leased to the local YMCA.

d. BHAT 400 – Besse Health and Technology
Serves academic divisions Allied Health & Wellness, Applied Science, Technology, Math & Science, Mechatronics, and provides general use of several classrooms. This building also provides a dedicated training lab for the Workforce Development & Training group.

e. SC 500 - Student Center
No academic divisions have specific space allocations in this building. It serves students in a support capacity and houses Student Services, Human Resources, the Café, Food Pantry, Career Closet, and the Bookstore.

f. SA 600 - Student Apartments
Provides student housing, no direct academic allocations.

g. BESSE 700 - Besse Center for Performing Arts
Serves Arts & Letters academic division, mostly Theater, as well as Music.

h. HUB 800 (formerly known as LRC 800 - Learning Resource Center)
No academic divisions have specific space allocations in this building. It serves students in a support capacity and provides one general use computer classroom and one multi-purpose classroom along with ample study space, collaboration space, and hospitality. Academic Support Services, including TRiO, tutoring, accessibility, and online learning reside in this building as well as academic and certification testing through the Testing Center and the college's Library.

i. JHUC 900 - Joseph Heirman University Center
Serves Business & Technology and Allied Health academic divisions, Graphic Arts, and Workforce Development & Training, as well as provides general use of several classrooms. This building also provides classroom and office space for University partners.

j. SHIP/WELD 1000 - Shipping & Receiving and Welding

Serves Technology division, specifically the Welding and Machine Tool classes.

k. MAINT 1100 - Maintenance Building

No academic divisions have specific space allocations in this building. It serves students in a support capacity.

l. YMCA 2000 (formerly known as M-TEC 2000 - Michigan Technological Educational Center)

This building is no longer serving academic programs nor Workforce Development & training. All College programs have been moved to other locations. The local YMCA is occupying this space under a 50-year lease.

m. Extension Building

No academic divisions have specific space allocations in this building. This is a leased building.

n. Bay College – Iron Mountain

Single campus building serves all academic divisions.

o. Bay College Maintenance

No academic divisions have specific space allocations in this building. It serves students in a support capacity.

E. Replacement Value of Existing Facilities

The replacement value for each building is shown below.

Building	Building Value
MS 100	7,001,900
CB 200	10,404,300
PEC 300	13,112,100
BHAT 400	20,326,600
SC 500, BESSE 700, HUB 800	39,693,700
SA 600 # 1	3,863,000
SA 600 # 2	3,293,800
SHIP/ WELD 1000	4,892,600
MAINT 1100	1,229,600
JHUC 900	16,179,300
MTEC 2000	6,471,000
Iron Mountain Campus	18,297,300
Iron Mountain Maintenance	131,700
Extension Center Building	1,443,200
Soccer Fields Building	90,300
Salt Storage	38,100
Career Closet Portable	10,600
Cold Storage Pole Building	90,200
MAINTENANCE STORAGE	590,000
Total	**147,159,300**

F. Utility System Condition

The condition of each building is reflected in the following table:

MS 100 - MATH AND SCIENCE BUILDING

Building Exterior	Description	Comments/Condition
Walls	Face brick on concrete block. Metal fascia (painted).	Sound condition of existing walls
Windows	Aluminum frames with insulating glass. Glazed greenhouse panels on aluminum frame with vent window system.	Degraded, requires replacement
Doors/Frames	Hollow metal doors and frames. Main entrances aluminum.	Fair condition
Roof	EPDM ballasted membrane	Replaced in 2016 during renovation project
Building Interior	**Description**	**Comments/Condition**
Walls	Concrete block partitions. Face brick in vestibules.	Very good, repair and paint summer 2016
Floors/Coverings	Terrazzo tile and concrete in corridors. Ceramic tile in bathrooms. Vinyl tile in offices and carpet in classrooms.	Terrazzo tile is in good condition, concrete in excellent condition. Carpet in classrooms replaced in summer 2016. Rebranded with new wall murals and accent painting In public spaces. 2023.
Doors/Frames	Hollow metal / wood.	Partial renovation in 2016 introduced several new doors/frames and repainting of existing door frames
Ceiling	Suspended acoustical throughout.	Fair in science labs. Excellent condition in corridors renovated in 2016
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and main Transformer	Fed from 3 single phase 25kVA transformers in cabinet outside building.	Transformers are 30+ years old. Medium voltage cable into cabinet is about 25 years old. Condition of equipment is marginal. Should plan replacement in near future.
Building Service Equipment and Panels	Consists of one 400A, 3-phase 208Y/120V Cutler Hammer main panel board. Multiple branch panels.	Equipment is 30+ years old, and is satisfactory for the present. Needs to be upgraded if building usage changes.
General Receptacles		In 2016 renovated areas all receptacles upgraded
Interior Lighting	Fluorescent and LED	Upgraded corridor and classroom lighting to LED in summer 2016. Non-renovated spaces remain fluorescent.
Exterior Lighting	Over doors	Marginal
Emergency and Exit Lighting		Satisfactory - meets codes
Computer Wiring	CAT 6 wiring has been installed.	Good

Security and Special Systems	Fire Alarm panel updated Digital card readers Digital door locks Security cameras	Good-Replaced 2010 Added digital card readers in 2021. Added digital door locks in 2022. Added additional security cameras 2022.
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Fair condition. Old cast iron sewer pipes are deteriorating.
Piping/Valves/Fitting		Satisfactory. Some leak stains in mechanical areas.
Domestic Hot Water	Gas water heater	New in 2014
HVAC	**Description**	**Comments/Condition**
Fuel	Natural gas	Good
Boilers	(2) Riello AR1000 boilers (2) Grundfos CRE pumps	Replaced boilers and circulation pumps in 2020.
Heating Type	Fin radiation, cabinet heaters, unit ventilators, and air handling units with heating coils.	Good
Ventilation	Outside air-thru unit ventilators and air handling units. Exhaust system in toilets, lab fume hoods, and greenhouse addition.	Good
Air Conditioning/ Coils	Cooling coils in unit ventilators.	Partial cooling - Good
Temperature Controls	Digital controls	Installed digital controls 2022.

CB 200 - CATHERINE BONIFAS BUILDING

Building Exterior	**Description**	**Comments/Condition**
Walls	Face brick on concrete block. Metal fascia.	Good
Windows	Aluminum sash	Need replacement in 83% of building, 17% replaced in 1999.
Doors/Frames	Wood / hollow metal	Excellent on new addition. Marginal on original building. North West doors and frames need to be replaced.
Roof	EPDM ballasted membrane	Year new: 2014
Building Interior	**Description**	**Comments/Condition**
Walls	Concrete block partitions. Drywall in administrative. Brick in vestibules. Glass partition walls.	Fair Rebranded with new wall murals and accent painting in public spaces. 2023

Floors/Coverings	Terrazzo in corridors. Ceramic tile in bathrooms. Carpet in administrative, faculty offices, classrooms. Vinyl tile in service areas.	Fair, dated and cracking
Doors/Frames	Wood / hollow metal	Fair
Ceiling	Suspended acoustical throughout	Fair
	Renovation/addition in 1999	Seating in large lecture hall needs replacement and redesign of room is necessary for student learning and ADA.

Electrical	Description	Comments/Condition
Medium Voltage Connection and Main Transformer	Fed from 3 single phase 25kVA transformers in cabinet outside building. MV connection from northernmost electrical vault.	Transformers and medium voltage cable are 35 years old. Requires assessment and upgrade.
Secondary voltage and Building Main Service Equipment	Main panel is 400A, 3-phase, 208Y/120V ITE switchboard.	Equipment is 35+ years old. Requires assessment and upgrade.
Branch and Distribution Panels	Most equipment is original (1970).	Replacement needed for future expansion.
General Receptacles		Fair
Interior Lighting	T-8 fluorescent fixtures with electronic ballasts	Fair
Exterior Lighting		Added (6) new LED lamp posts to North parking lot in 2021. West parking lot needs upgrades.
Emergency and Exit Lighting		Satisfactory - meets codes
Computer Wiring	CAT 6 network cable has been installed throughout.	Excellent
Security and Special Systems	Fire alarm panel installed. Digital badge readers on exterior doors. Digital auto lock doors.	Replaced 2011 Installed 2021 Installed 2022

Plumbing	Description	Comments/Condition
Water/Sewer	Municipal	Fair. Needs Upgrade
Piping/Valves/Fitting		Fair. Needs Upgrade
Domestic Hot Water	Gas water heater	Fair. Needs Upgrade

HVAC	Description	Comments/Condition
Fuel	Natural gas	Good
Boilers	(2) Riello AR1500 boilers. (2) Taco KV3009D pumps	Replaced boilers in 2020. Replaced Circulation pumps in 2023.

Heating Type	Fin radiation, cabinet heaters, air handling units with heating coils. Hot water - pumped distribution.	Updated fin-tube heating and added (2) rooftop units in 2021 that provide auxiliary heat for offices 204-217. Added additional fin tube heating to offices 201B and 201C in 2023.
Ventilation	Fresh air-thru-air handling units. Exhaust systems-toilets, janitor room, kiln.	Refurbished air handler for offices 205-217 in 2021. New air handler for South side of building in 2021. Installed 3 new RTU's for North side of building in 2021
Air Conditioning/ Coils	Chilled water coils added to air handling units in 1999.	fair
Temperature Controls	Original Honeywell pneumatic controls with Robert-Shaw used in recent renovation	Replaced pneumatic HVAC controls to digital controls in 2023.

PEC 300 - Physical Education Complex

Building Exterior	Description	Comments/Condition
Walls	Face brick on concrete block 1st 7 ft. 26-gauge steel panels to gym height 30 ft. addition: Face brick on concrete block. Upper 4 ft. metal fascia.	Original siding is in good condition. New addition for Bay College athletic locker rooms in 2019.
Windows	Aluminum sash/wood	Needs replacement on original building. Excellent on new addition in 2019.
Doors/Frames	Aluminum frame entry with vestibule	Energy efficiency upgrades needed to this entry.
Roof	Insulated PVC overlay on everything except pool addition	Roof over gym and YMCA facilities is new in 2015. Roof over pool and exercise area in satisfactory condition (assessed 2021). Roof over athletic addition new in 2019.
Building Interior	**Description**	**Comments/Condition**
Walls	Concrete block partitions throughout. Ceramic tile wall finish in locker rooms. Ceramic tile wainscot and textured concrete block in pool. Few gypsum board partitions.	Acceptable. Removed glass partition wall to make room for batting cages in exercise/weight room area in 2021. Painted in lobby and hallways 2022.Painted rooms #304, #305, #312 and public restrooms in 2024.
Floors/Coverings	Upgraded tile in corridors and CR's. Ceramic tile in locker rooms, spa/sauna, corridor, and pool. Hardwood in gymnasium. Carpet in child care center, offices. – Carpet in Lobby area.	Acceptable interior finishes with a completed refinishing of the gym floor in summer 2021. Installed new carpet in Lobby 2022. Rebranded with new wall murals in hallways and lobby 2022. Replaced carpeting and cove base in rooms #304, #305 and #312.
Doors/Frames	Hollow metal / wood	Fair Added new ticket window door and frame 2022. New concession window 2022.

Ceiling	Suspended acoustical throughout. Exposed tees in pool.	Fair. Removed drop ceiling in exercise/weight room area to make room for batting cages 2021. Renovated drop ceiling in lobby area 2022.
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	Consists of 3 single phase 50kVA transformers in cabinet outside 100 building.	Transformers and MV cable are 25-30 years old. Equipment shares cabinet with 100 building. Should relocate closer to PEC and replace equipment in near future.
Secondary voltage and Building Main Service Equipment	Consists of 1-800A switch, underground secondary run, and 1-800A 208Y120V distribution panel.	Main underground feeder is quite long for the voltage. Main distribution panel has two empty breaker spaces left. Very little room for expansion.
Branch and		All branch panels are full
General Receptacles		Good
Interior Lighting	Most are newer fluorescent with T8 lamps.	Needs LED retrofits and energy efficiency. Updated Gym lighting in 2021. Upgraded to LED in Lobby 2022.
Exterior Lighting		Needs updating, safety issue.
Emergency and Exit Lighting		Satisfactory - meets codes
Computer Wiring	CAT 5 wiring throughout.	Added network drops to Lobby area offices 2022.
Security and Special Systems	Fire alarm system needs updating Digital exterior door badge readers on Athletics addition. Exterior digital door locks.	Satisfactory Installed 2021 Installed 2022
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Sewer drains slow outside of building and needs updating.
Piping/Valves/Fitting		Satisfactory
Domestic Hot Water		Satisfactory
HVAC	**Description**	**Comments/Condition**
Fuel	Natural gas	Good
Boilers	High efficient	Replaced in 2008-2010, with the exception of boilers below the pool area, which require replacement.
Heating Type	Fin radiation, cabinet heaters, convectors High-efficient forced air in Gym	Satisfactory Good 2010-2012. Replaced furnace for classroom areas in 2021.
Ventilation		Satisfactory. Replaced Gym louvers in 2021.
Air Conditioning/ Coils	(3) Trane RTU units for gym. (1) interior ducting system for gym.	Added air conditioning and ducting to the gym in 2023.

Temperature Controls	Digital controls	Pneumatic temperature controls were converted to digital controls in 2023..
Comments: Pool dehumidification system by Dectron Company	Dectron unit is beyond its useful life. Pool and associate equipment are in poor shape.	Requires replacement. Needs de-commission or replacement.

BHAT 400 – Besse Health and Technology

Building Exterior	Description	Comments/Condition
Walls	Face brick on concrete. Metal fascia.	Satisfactory Metal fascia needs painting.
Windows	Aluminum sash	Satisfactory
Doors/Frames	Hollow metal	Satisfactory
Roof	EPDM ballasted membrane	Year new: 2000

Building Interior	Description	Comments/Condition
Walls	Concrete block partitions. Drywall partitions in office area. Interior drywall partitions - 1998	Good Rebranded with new wall murals and accent painting in public spaces 2023.
Floors/Coverings	Terrazzo in corridors. Vinyl tile in classrooms. Ceramic tile in bathrooms. Carpet in offices and computer labs. Chemical resistant epoxy floors in Chem/Water Lab.	Good New epoxy flooring in Chemistry/Water Lab 2023.
Doors/Frames	Hollow metal / wood.	Satisfactory. Need to add ADA hardware to several classroom doors.
Ceiling	Suspended acoustical in classrooms and offices.	New in hallways; Nursing replaced in 2013, South end replaced in 2015
Comments:		Allied Health office renovation added (3) new offices to existing space 2023. Upgraded to LED lighting in Auto and Water Tech labs 2023.

Electrical	Description	Comments/Condition
Medium Voltage Connection and main Transformer	Consists of 3 single phase 100kVA transformers in outdoor cabinet. MV cable comes from vault near 100 building.	Transformers and MV cable are 25 years old. Should plan on replacement in the near future.
Secondary voltage and building main service equipment	Have a 2000A main breaker in the 208Y/120V 3-phase switchboard.	No available space for expansion
Branch and distribution panels		Acceptable
General Receptacles		Good
Interior Lighting	Most are newer or upgraded fluorescent with T8 lamps.	Satisfactory Updated labs to LED lighting in 2023.
Exterior Lighting		Satisfactory
Emergency and Exit Lighting		Good - meets codes

Computer Wiring	CAT 5 wiring installed throughout.	Satisfactory
Security and Special Systems	Fire Alarm system updated 2010 Exterior door digital card readers. Digital exterior door locks. Security cameras.	Good Added 2021 Added 2022 Added several more security cameras 2022.
Comments:		

Plumbing	Description	Comments/Condition
Water/Sewer		Fair-Original cast iron piping.
Piping/Valves/Fitting		Satisfactory
Domestic Hot Water	Natural gas water heater	Satisfactory

HVAC	Description	Comments/Condition
Fuel	Natural gas	Good
Boilers	(3) Riello AR1000 boilers	Replaced boilers- in 2020.
Heating Type	Fin radiation, cabinet heaters, air handling units with duct heating coils.	Added fin-tube heating to 222B, C, F, G and H in 2021.
Ventilation	Fresh air-to-air handling units. Exhaust system for toilets, janitor room, automotive lab, chemistry fume hoods, and chemical storage (1) New strobic fan unit, model #M33C20N20014.	Replaced 5 air handling units and associated condensers (remaining two are in good condition) 2022. Upgraded Phoenix controls for 13 chemistry fume hoods in 2021. Replaced strobic fan unit for chemistry labs 2023.
Air Conditioning/ Coils	Direct expansion R-22 coils with remote condensing units on roof - 4 zones electronics and nursing lab.	Good – Replaced 2006 Chiller servicing Chemical Lab will need to be replaced in the near future.
Temperature Controls	Digital controls	New digital controls 2022.

SC 500 - STUDENT CENTER/Student Services/Café/Bookstore

Building Exterior	Description	Comments/Condition
Walls	Face brick on concrete. Metal fascia.	Good - Ongoing maintenance
Windows	Aluminum sash	Excellent north and northwest
Doors/Frames	Hollow metal/wood	Excellent - new
Roof	EPDM ballasted membrane	Replaced in 2019.

Building Interior	Description	Comments/Condition
Walls	Concrete block partitions. Stack bond masonry block walls (partial vinyl surface drywall). Gypsum board partitions in administrative offices.	Good Rebranded with new wall murals and accent paint 2023.
Floors/Coverings	Vinyl tile in cafeteria and corridors; ceramic tile in bathrooms/kitchen; carpet in offices; flagstone in lounge area; ceramic/porcelain tile in kitchen and café.	Kitchen/cafeteria and TV and game room are new floors. Bathrooms require upgrades.
Doors/Frames		New

Ceiling	Suspended acoustical. Exposed fiberglass in cafeteria.	Offices have new tile.
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and main Transformer	Fed from 3 single phase 50kVA transformers in an outdoor cabinet. Long primary feed from northern-most vault by 200 building.	Transformers and MV cables are 30+ years old. Replacement should be planned for in the near future.
Secondary voltage and building main service equipment	3 separate feeds into building. Have both a newer and older 600A panel (208Y/120V, 3- phase).	Satisfactory
Branch and distribution panels		Good-Replaced two obsolete panels 2021. Replaced (1) remaining obsolete panel 2023.
General Receptacles		Good
Interior Lighting		Satisfactory
Exterior Lighting		Good
Emergency and Exit Lighting		Satisfactory
Computer Wiring	CAT 5 network cable throughout.	Satisfactory
Security and Special Systems	Fire Alarm System updated 2008 Exterior digital badge readers. Exterior digital door locks. Security cameras.	Good Installed 2021 Installed 2022 Installed additional security cameras 2022.
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Fair-Original cast iron sewer piping.
Piping/Valves/Fitting	Pipe insulation-fiberglass	Satisfactory. Some joints require taping.
Domestic Hot Water	Gas water heaters	New water maker
HVAC	**Description**	**Comments/Condition**

Fuel	Natural gas	Good
Boilers	(1) Riello AR1000 (1) Riello AR1500 boiler (2) Taco KV3009D pumps	New boilers in 2020. New circulation pumps 2023.
Heating Type	Fin radiation, cabinet heaters, heating coils. Hot water - pumped distribution.	Satisfactory. New fin-tube heating for rooms 503, 504 and 505 in 2021.
Ventilation	Fresh air-to-air handling units. Exhaust - toilets, kitchen hoods, locker room.	Replaced air handler for Cafeteria in 2021. Replaced (3) RTU's on west end of building in 2022.
Air Conditioning/ Coils	R-22 direct expansion cooling; zoned system including kitchen.	Satisfactory
Temperature Controls	Digital controls	New digital controls 2023.

SA 600 - College Apartments

Building Exterior	Description	Comments/Condition
Walls	Face brick on concrete block. Metal fascia.	Top half needs paint
Windows	Aluminum sash	Need replacing
Doors/Frames	Wood/wood	South side replaced (good); north side original (poor)
Roof	EPDM ballasted membrane	Year new: 1995

Building Interior	Description	Comments/Condition
Walls	Concrete block at unit walls. Wood frame with drywall.	Good. Repainted all interior walls with antimicrobial paint 2022.
Floors/Coverings	Upper floors- vinyl. Rubber stair treads. Lower- polished concrete.	New 2022New 2022 New 2022
Doors/Frames	Wood with plastic laminate	Repaired and refinished 2022
Ceiling	Drywall/Drop in	Good
Comments:		Minor renovation of apartments 2021/2022.

Electrical	Description	Comments/Condition
Medium Voltage Connection and Main Transformer	Fed from 1 single phase 50kVA transformer in a pad-mount cabinet. Utility connection and meter is on pole along railroad tracks. Underground primary.	The transformer and primary underground cable are 25+ years old. Replacement should be planned for in the near future.
Secondary voltage and building main service equipment	Each apartment complex has a 600A, single phase, 240/120V service.	All equipment is original (about 25 years old) and is adequate. Should consider equipment upgrades if any major renovation is planned or if the building usage changes.

Branch and distribution panels		Should replace older panels as repair and replacement parts are becoming difficult to obtain.
General Receptacles		Good
Interior Lighting		Marginal
Exterior Lighting		Good-New lighting installed 2023
Emergency and Exit Lighting		None
Computer Wiring		Good-Network upgrades 2022
Security and Special Systems	Security cameras Security Lighting Digital door entries	Digital door entries installed 2023 Additional security cameras installed 2023. Exterior Lighting Upgrades 2023

Plumbing	Description	Comments/Condition
Water/Sewer	Municipal	Good
Piping/Valves/Fitting		Replaced lower level black iron heating pipes with PEX pipe and refurbished upper copper pipe and valves 2022. Replaced sink and faucet shut off valves 2022.
Domestic Hot Water	Water maker	Good – New 2010
HVAC	**Description**	**Comments/Condition**
Fuel	Natural gas	Good
Boilers	Highly efficient	Good – new in 2011
Heating Type	Fin radiation	New lower level and refurbished upper level 2022.
Ventilation	Toilets exhaust	Replaced bathroom fans 2022
Air Conditioning/Coils	N/A	No A/C
Temperature Controls	Digital	New digital controls 2022

NA 600 - College Apartments

Building Exterior	Description	Comments/Condition
Walls	Face brick on concrete block. Metal fascia.	Top half needs to be painted
Windows	Aluminum sash	Thermopane
Doors/Frames	Wood	South side replaced (good); north side original (poor)
Roof	EPDM ballasted membrane	Year new: 1995
Building Interior	**Description**	**Comments/Condition**
Walls	Concrete block at unit walls. Wood frame with drywall.	Good condition. Repainted all interior walls with antimicrobial paint 2022.
Floors/Coverings	Upper- Vinyl Rubber stair treads Lower- Polished concrete	New 2022 New 2022 New 2022
Doors/Frames	Wood with plastic laminate	Repaired and re-stained 2022.
Ceiling	Drywall/Drop in	Good
Comments:		Minor renovation of apartments 2021/2022
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	Fed from 1 single phase 50kVA transformer in a pad-mount cabinet. Utility connection and meter is on pole along railroad tracks. Underground primary.	The transformer and primary underground cable are 25+ years old. Replacement should be planned for in the near future.

Secondary voltage and building main service equipment	Each apartment complex has a 600A, single phase, 240/120V service.	All equipment is original (about 25 years old) and is adequate. Should consider equipment upgrades if any major renovation is planned or if the building usage changes.
Branch and distribution panels		Should replace older panels as repair and replacement parts are becoming difficult to obtain.
General Receptacles		Good
Interior Lighting		Marginal
Exterior Lighting		Good- Upgraded 2023
Emergency and Exit Lighting		None
Computer Wiring		Upgraded 2022.
Security and Special Systems	Security cameras Security Lighting Digital door entries	Digital door entries installed 2023 Additional security cameras installed 2023. Exterior lighting upgraded 2023
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Good
Piping/Valves/Fitting		Replaced lower level black iron heating pipes with PEX pipe and refurbished upper copper pipe and valves 2022. Replaced sink and faucet shut off valves 2022.
Domestic Hot Water		Future faucet replacement
HVAC	**Description**	**Comments/Condition**
Fuel	Natural gas	Good
Boilers	High-efficient	Good – new in 2011
Heating Type	Fin radiation	New lower level and refurbished upper level 2022
Ventilation	Toilets exhaust	New bathroom fans 2022
Air Conditioning/Coils	N/A	
Temperature Controls	Digital controls	New 2022

BESSE 700 - Besse Theater and Art Galleries

Building Exterior	Description	Comments/Condition
Walls	Metal composite building panels. Concrete block at mechanical room.	Good
Windows	1" insulated clear glass in aluminum frame	Fixed - Non-operable. Good
Doors/Frames	Aluminum	Good
Roof	EPDM ballasted membrane	Needs replacing.
Building Interior	**Description**	**Comments/Condition**

Walls	Gypsum board partitions throughout. Demountable partitions in office areas.	Good
Floors/Coverings	Carpeting throughout auditorium, LRC, and offices. Quarry tile in bathrooms. Vinyl tile in service areas. Quarry tile vestibules and corridors.	Gypsum drywall bulkhead at skylight requires continual maintenance. Needs renovation.
Doors/Frames	Metal/wood	Good
Ceiling	Suspended acoustical throughout. Partial plaster on metal lath in stack area clerestory.	Good
Comments: Steel columns in the entry	Steel beamed entry arbor.	Sandblasted, rustproofed, and painted 2022.

Electrical	Description	Comments/Condition
Medium Voltage Connection and Main Transformer	Fed from 3 single phase 167kVA transformers. Also have a fused S&C 15kV switch in the service cabinet.	Transformers were installed in 1986. Short run of underground primary to manhole is older and should be
Secondary voltage and building main service equipment	Main service is 480Y/277V	Good
Branch and distribution panels	Have a motor control enter for mechanical equipment. Also, many branch panels.	Good
General Receptacles		Good
Interior Lighting	LED Lighting	Installed LED lighting in Theater 2022.
Exterior Lighting		Marginal
Emergency and Exit Lighting		Good - meets codes
Computer Wiring	CAT-5 network cable	Satisfactory
Security and Special Systems	Fire alarm tied to panel in Student Center (500) building. Exterior digital badge readers. Exterior digital door locks.	Good – Replaced in 2008 New 2021 New 2022

Plumbing	Description	Comments/Condition
Water/Sewer	Municipal	Good
Piping/Valves/Fitting		Satisfactory
Domestic Hot Water	Gas water heater	Satisfactory

HVAC	Description	Comments/Condition
Fuel	Natural gas	Good
Boilers	High Efficient 2014 4 Weil-McLain Ultra 550	Excellent. Replaced building circulation pumps in 2024.
Heating Type	Fin radiation, cabinet heaters, air handling unit heating coils, and duct booster coils. Hot water circulation.	Satisfactory

Ventilation	Outside air-to-air handling units. Exhaust systems in toilets and dark room.	Satisfactory
Air Conditioning/Coils	120-ton air cooled water chiller with pumps piped to cooling coils in air handling units.	Satisfactory
Temperature Controls	Digital controls	New digital controls 2023

HUB 800 – Student Success Center/Online Learning/Testing & Certification/Library

Building Exterior	Description	Comments/Condition
Walls	Metal composite building panels. Concrete block at mechanical room.	Good
Windows	1" insulated clear glass in aluminum frame	South facing windows are cracked and need replacement.
Doors/Frames	Aluminum	Good Replaced external hinge doors in corridor with external hinges 2024.
Roof	EPDM ballasted membrane	New in 2016
Building Interior	**Description**	**Comments/Condition**
Walls	Gypsum board partitions throughout.	, repaired and replaced in 2016
Floors/Coverings	Carpeting throughout all non-corridor areas. Corridors are a mix of carpet and polished concrete. Quarry tile in bathrooms. Concrete in service areas.	Excellent, replaced carpet in 2016, removed tile in corridors and polished concrete sub-strait.
Doors/Frames	Metal/wood	Excellent
Ceiling	Suspended acoustical throughout. Partial plaster on metal lath in clerestory area.	New ceiling in good condition, while sky-light clerestory in good condition after repairs.Upper ceiling coverings need repair.
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	Fed from 3 single phase 167kVA transformers. Also have a fused S&C 15kV switch in the service cabinet.	Transformers were installed in 1986. Short run of underground primary to manhole is older and should be replaced.
Secondary voltage and building main service equipment	Main service is 480Y/277V	Upgraded in 2016
Branch and distribution panels	Have a motor control enter for mechanical equipment. Also, many branch panels.	Upgraded in 2016
General Receptacles	Many with integrated USB	Upgraded in 2016
Interior Lighting	LED	Upgraded in 2016
Exterior Lighting	LED	Upgraded in 2016

Emergency and Exit Lighting	Integrated	Upgrade in 2016, meets code
Computer Wiring	CAT-6 network cable	Upgraded in 2016
Security and Special Systems	Fire alarm tied to panel in Student Center (500) building	Good – Replaced in 2008
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Replaced in 2016
Piping/Valves/Fitting		Replaced in 2016
Domestic Hot Water	Gas water heater	Replaced in 2016
HVAC	**Description**	**Comments/Condition**
Fuel	Natural gas	Good
Boilers	High-Efficient 2014 4 Weil-McLain Ultra 550	Upgraded in 2016
Heating Type	Fin radiation, cabinet heaters, air handling unit heating coils, and duct booster coils. Hot water circulation.	Upgraded in 2016
Ventilation	Outside air-to-air handling units. Exhaust systems in toilets and dark room.	Upgraded in 2016
Air Conditioning/Coils	120 ton air cooled water chiller with pumps piped to cooling coils in air handling units.	Upgraded in 2016
Temperature Controls	Digital Controls-Green Building Automation	New 2022

JHUC 900 - JOSEPH HEIRMAN UNIVERSITY CENTER

Building Exterior	**Description**	**Comments/Condition**
Walls	Brick on 8" concrete block. Aluminum composite metal panels on 8" concrete block. Glazed aluminum curtain walls.	Column bases (rusting); deterioration, need repairs
Windows	Aluminum sash	Upper South West facing windows need replacement.
Doors/Frames	Hollow metal/aluminum	Fair- Entry doors need to be replaced.Replaced hinges on entry and corridor doors in 2024.
Roof	EPDM ballasted membrane	Fair. Assessed in 2020, extend life to 2025. West end of building needs repair.
Building Interior	**Description**	**Comments/Condition**
Walls	Concrete block partitions. Gypsum board partitions	Excellent
Floors/Coverings	Vinyl composition tile in support areas. Quarry tile in kitchen, lobby, and corridors. Carpet in offices and classrooms. Paver tile. Computer access flooring in data processing.	New carpeting and floor tiles repaired in lobby 2023 i

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Doors/Frames	Hollow metal/wood	Good
Ceiling	Suspended acoustical ceilings throughout	Excellent
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	Fed from a 500kVA pad-mounted transformer. Primary feeder is underground from newer switches near the 100 building.	Installed in 1997. Excellent condition.
Building main service equipment and panels and secondary voltage. Branch and distribution panels.	Main service consists of 3-1200A, 3-phase, 480V switches. Also have a motor control center. Have a 300kVA dry-type transformer that serves the 208Y/120V loads.	Excellent
General Receptacles	Have a variety of special receptacles in some rooms.	Excellent
Interior Lighting	Very elaborate dimmable lighting in some rooms.	Computer center lighting needs to be upgraded/replaced to eliminate glare on monitors. LED and Induction installed in large conference rooms. Converted hallway lights from metal haloid to LED in 2021.
Exterior Lighting		Satisfactory
Emergency and Exit Lighting		Good - meets codes
Computer Wiring	CAT-5 wiring throughout. Also have small raised-floor computer room with UPS.	Excellent
Security and Special Systems	EST fire alarm installed Exterior digital badge door reader. Exterior digital door locks. Security cameras	Excellent New 2022 New 2022 Added more in 2022
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Good
Piping/Valves/Fitting		Need to replace large heating supply pipes in near future.
Domestic Hot Water	Gas water heater	New 2021
HVAC	**Description**	**Comments/Condition**
Fuel	Natural gas	Good
Boilers	High-Efficient 2014 4 Weil-McLain Ultra 550	Excellent. Both circulation pumps replaced in 2024.
Heating Type	Fin radiation along perimeter walls. Variable air volume terminal units with hot water heating coils and thermostats.	Good
Ventilation	Outside air-to-air handling units with toilet exhaust and zone exhaust system.	New main air handling dampers 2022.
Air Conditioning/Coils	Direct expansion R-22 coils in air handling units with roof-mounted condensing units. Data Center- 2 Liebert units.	Poor New building humidification unit in 2021. New data center HVAC 2022. Main chiller needs to be replaced in 2024

| Temperature Controls | Digital Controls-Green Building Automation. | New 2022 |

SHIP/WELD 1000 – Shipping & Receiving and Welding

Building Exterior	Description	Comments/Condition
Walls	Metal with structural steel framing	Excellent-Renovated 2015
Windows	Aluminum Clad Wood glider windows	Excellent-Renovated 2015
Doors/Frames	Standard steel doors and frames	Excellent-Renovated 2015
Roof	Polyvinyl Chloride (PVC) Roofing	New 2016- Excellent
Building Interior	**Description**	**Comments/Condition**
Walls	Concrete /labs and shipping, Gypsum /class rooms and offices	Good-Renovated 2015
Floors/Coverings	Chemically densified and hardened concrete/ labs and shipping, Carpet tile/classroom and offices, vinyl tile/bathrooms	Welding Classroom carpeted tile floors need to be replaced with rubber type flooring. All other floors good.
Doors/Frames	Steel frame and doors	Good-Renovated 2015
Ceiling	Acoustical panel ceilings (class room/offices)	Good-Renovated 2015
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	600V and less with capacities up to 1000kVA	Good
Building main service equipment and panels and secondary voltage. Branch and distribution panels.	NEMA PB 1, power and feeder distribution type.	Good
General Receptacles		Good
Interior Lighting	Fluorescent fixtures	Needs to be updated to LED
Exterior Lighting	Two poles	Poor, needs upgrading to LED
Emergency and Exit Lighting	Meets code.	Good
Computer Wiring	Cat 5 cable	Good
Security and Special Systems	Fire alarm panel i064 Intelligent Life Safety System. Fire suppression system in West Welding Lab. (4) exterior and (4) interior cameras. Exterior digital door card readers. Exterior digital door locks.	Fire alarm Good. No burglar alarms. New 2022 New 2022
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Good
Piping/Valves/Fitting	Domestic water piping	Good
Domestic Hot Water	Gas water heater	Good
HVAC	**Description**	**Comments/Condition**
Fuel	Gas	Good
Boiler	Four Trane boilers 180,000 BTU per hour each	Will need to be replaced soon
Heating Type	Gas boilers/ hydronic heating	Fair
Ventilation	(2) AHU	Good
Air Conditioning/Coils	(3) RTU Trane 4-ton R410A gas/electric	Good
Temperature Controls	Digital controls controls	Good- New digital controls 2023

MAINT 1100 - MAINTENANCE BUILDING 1

Building Exterior	Description	Comments/Condition
Walls	Steel panels	Acceptable
Windows	Aluminum	Minimal; poor
Doors/Frames	Hollow metal/hollow metal	Acceptable
Roof	Metal roof	Good
Building Interior	**Description**	**Comments/Condition**
Walls	Few wood frame partitions	Fair
Floors/Coverings	Poured concrete on grade	Good
Doors/Frames	Wood/wood	Fair
Ceiling	Sprayed insulation	Fair
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	Have 1 - 37.5kVA and 2 - 15kVA transformers in a pole-mount bank. Secondary is overhead to each building.	Satisfactory
Building main service equipment and panels and secondary voltage. Branch and distribution panels.	Each building has a 200A, 240/120V 3-phase delta service.	New panel 2021
General Receptacles		Satisfactory
Interior Lighting	Some is older, some has been upgraded. Mostly industrial fluorescent.	Satisfactory, some have been upgraded to LED 2023
Exterior Lighting		Marginal
Emergency and Exit Lighting		Good
Computer Wiring	N/A	N/A
Security and Special Systems	Security cameras	Good

MAINT 1100 MAINTENANCE BUILDING 2

Building Exterior	Description	Comments/Condition
Walls	22-gauge steel panels	Good
Windows	N/A	N/A
Doors/Frames	Hollow metal/hollow metal	Fair
Roof	Metal roof	Replaced in 2019.
Building Interior	**Description**	**Comments/Condition**
Walls	Few concrete block partitions. Steel panels	Acceptable
Floors/Coverings	Concrete on grade. Metal building type exposed.	Insulation blankets
Doors/Frames	Hollow metal/hollow metal	Entrance in poor condition
Ceiling	N/A	N/A
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	Have 1 - 37.5kVA and 2 - 15kVA transformers in a pole-mount bank. Secondary is overhead to each building.	Satisfactory
Building main service equipment and panels and secondary voltage. Branch and distribution panels.	Each building has a 200A, 240/120V 3-phase delta service.	New panel 2021
General Receptacles		Satisfactory

Interior Lighting	Fifty percent upgraded to LED the remaining is mostly industrial fluorescent.	Good
Exterior Lighting		Marginal
Emergency and Exit Lighting		Good
Computer Wiring		Satisfactory
Security and Special Systems	Security cameras.	Good
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Water freezes
Piping/Valves/Fitting		Satisfactory
Domestic Hot Water	Gas water heater	Good
HVAC	**Description**	**Comments/Condition**
Fuel		
Boiler	High-Efficient	New in 2009
Heating Type		
Ventilation		
Air Conditioning/Coils		N/A
Temperature Controls		Upgrading to digital 2022/2023

2000 – YMCA

Building Exterior	Description	Comments/Condition
Walls	Steel 26-gauge panel rib with insulation; concrete block first 4 feet.	Good
Windows	Aluminum	Good
Doors/Frames	Aluminum	Good
Roof	Built-up composition (membrane type).	Good
Building Interior	**Description**	**Comments/Condition**
Walls	8" concrete block painted; 2x4 steel studs with 5/8" gypsum board partitions.	Good
Floors/Coverings	Carpet in offices and classrooms; vinyl tile in bathrooms.	Fair
Doors/Frames	Steel	Good
Ceiling	Suspended acoustical.	Good
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer	Fed from a 500kVA pad-mount transformer with underground primary feeder to pole along North 30th Street.	Satisfactory
Building main service equipment and panels and secondary voltage. Branch and distribution panels.	Main switchboard is 1200A, 480Y/277V, 3-phase. Have a 300kVA dry-type transformer to serve 208Y/120V loads.	Satisfactory
General Receptacles		Satisfactory
Interior Lighting		Satisfactory
Exterior Lighting	A few lights on building exterior. No site lighting.	Satisfactory
Emergency and Exit Lighting		Satisfactory
Computer Wiring	CAT-5 network cable throughout	Satisfactory

Security and Special Systems	Fire alarm system installed. No pull stations at exits.	Horn Strobes

Plumbing	Description	Comments/Condition
Water/Sewer	Municipal	Good
Piping/Valves/Fitting		Good
Domestic Hot Water		Good

HVAC	Description	Comments/Condition
Fuel	Natural gas	Good
Boilers	N/A	Satisfactory
Heating Type	Gas furnaces with cooling coils and condensing units for 14 zones. 3 gas heating-cooling units mounted on steel frames about 4 ft. above grade.	Satisfactory
Ventilation	Gas furnaces	Satisfactory. Relocation of machine shop equipment into this building will require an exhaust air system for fumes and make-up air to balance exhaust.
Air Conditioning/Coils		Satisfactory.
Temperature Controls	Residential thermostats	Verify occupancy time control for continuous fan operation with outside air damper.

EXTENSION BUILDING

Building Exterior	Description	Comments/Condition
Walls	Rough sawn white cedar	Siding stained and sealed in 2021. Replaced cedar shake façade with metal in 2021
Windows	Siteline Standard, Clad casement, Auralast pine frames. Insulated, argon filled, E366 annealed glass.	Excellent, replaced 2021
Doors/Frames	Aluminum frame and doors	Poor, needs replacement
Roof	EPDM ballasted membrane. Metal fascia	IPDM membrane-good Metal fascia-new 2021

Building Interior	Description	Comments/Condition
Walls	Wood frame w/cedar and pine (offices and meeting rooms). Gypsum on frame several offices.	Satisfactory
Floors/Coverings	Office carpeting throughout. Vinyl tile in bathrooms and kitchen.	Poor, needs to be replaced.
Doors/Frames	Wood doors and frames	Satisfactory
Ceiling	Suspended acoustical throughout	Satisfactory

Electrical	Description	Comments/Condition
Medium Voltage Connection and Main Transformer	Fed from 3 single phase 25kVA pole mount transformers. Secondary underground to building.	Satisfactory
Building main service equipment and panels and secondary voltage. Branch and distribution panels.	Have a 3 phase, 4 wire service. 240/120V. Have 2-200A panels in boiler room.	Satisfactory

General Receptacles		Good
Interior Lighting	All older T-8 fluorescent lighting	Needs upgrading to LED
Exterior Lighting	One exterior pole light	Poor, needs upgrades
Emergency and Exit Lighting	Meets code	Serviceable
Computer Wiring	CAT-5 network cable.	Good
Security and Special Systems	Fire Alarm	No security system Fire Alarm-good
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	satisfactory
Piping/Valves/Fitting	Domestic water piping	Satisfactory
Domestic Hot Water	Gas water heater	Satisfactory-Need to replace soon.
HVAC	**Description**	**Comments/Condition**
Fuel	Natural Gas	Good
Boiler	N/A	N/A
Heating Type	Forced Air-gas furnace/split level unit	Good
Ventilation	Toilet exhaust. Fresh air thru furnace air system.	Satisfactory
Air Conditioning/Coils	Split level forced air	Satisfactory
Temperature Controls		Satisfactory

IRON MOUNTAIN Campus

Building Exterior	Description	Comments/Condition
Walls	Face brick on concrete block/ICF covered with stainless steel panels	Excellent
Windows	Aluminum sash	Good
Doors/Frames	Aluminum frame with glass metal frames	Good
Roof	Rubber membrane	Good – 18 years old
Building Interior	**Description**	**Comments/Condition**
Walls	Sheetrock walls	Excellent
Floors/Coverings	Carpet in classrooms, offices, stained concrete in public spaces	Good
Doors/Frames	Wood/metal	Excellent
Ceiling	Suspended acoustical tile in classrooms	Excellent
Electrical	**Description**	**Comments/Condition**
Medium Voltage Connection and Main Transformer		Excellent
Secondary voltage and building main service equipment		Excellent
Branch and distribution panels		Excellent
General Receptacles		Excellent
Interior Lighting	All areas upgraded to LED in 2024.	Excellent

Exterior Lighting	Upgraded to LED in 2024.	Excellent
Emergency and Exit Lighting	All lighting as needed. Upgraded to LED in 2024.	Good
Computer Wiring	CAT-6 network cable	Good
Security and Special Systems	Burglary alarm disconnect. Fire alarm with pull station sin hallways.	Excellent – New main alarm panel installed in 2019.
Plumbing	**Description**	**Comments/Condition**
Water/Sewer	Municipal	Good
Piping/Valves/Fitting		Good
Domestic Hot Water	Electric water heater installed approximately 2016.	Good
HVAC	**Description**	**Comments/Condition**
Fuel	Natural gas.	Good
Boilers	2 boilers.	Good – 18 years old
Heating Type	2 Air handling units with heating coils.	Satisfactory
Ventilation	Exhaust fans in bathrooms.	Good
Air Conditioning/Coils	Chiller main building, 2 Leibert units in Room 110 and 1 Mitsubishi in Room 260	Good – 15 years old
Temperature Controls	DDC Delta	Good – 18 years old

G. Facility Infrastructure Condition

A map that shows the Escanaba parking lots and access roads is shown below.(https://www.baycollege.edu/_resources/pdf/on-campus/buildings-grounds/main-campus-map.pdf)

COLLEGE AVENUE

GLADSTONE

BAY
COLLEGE
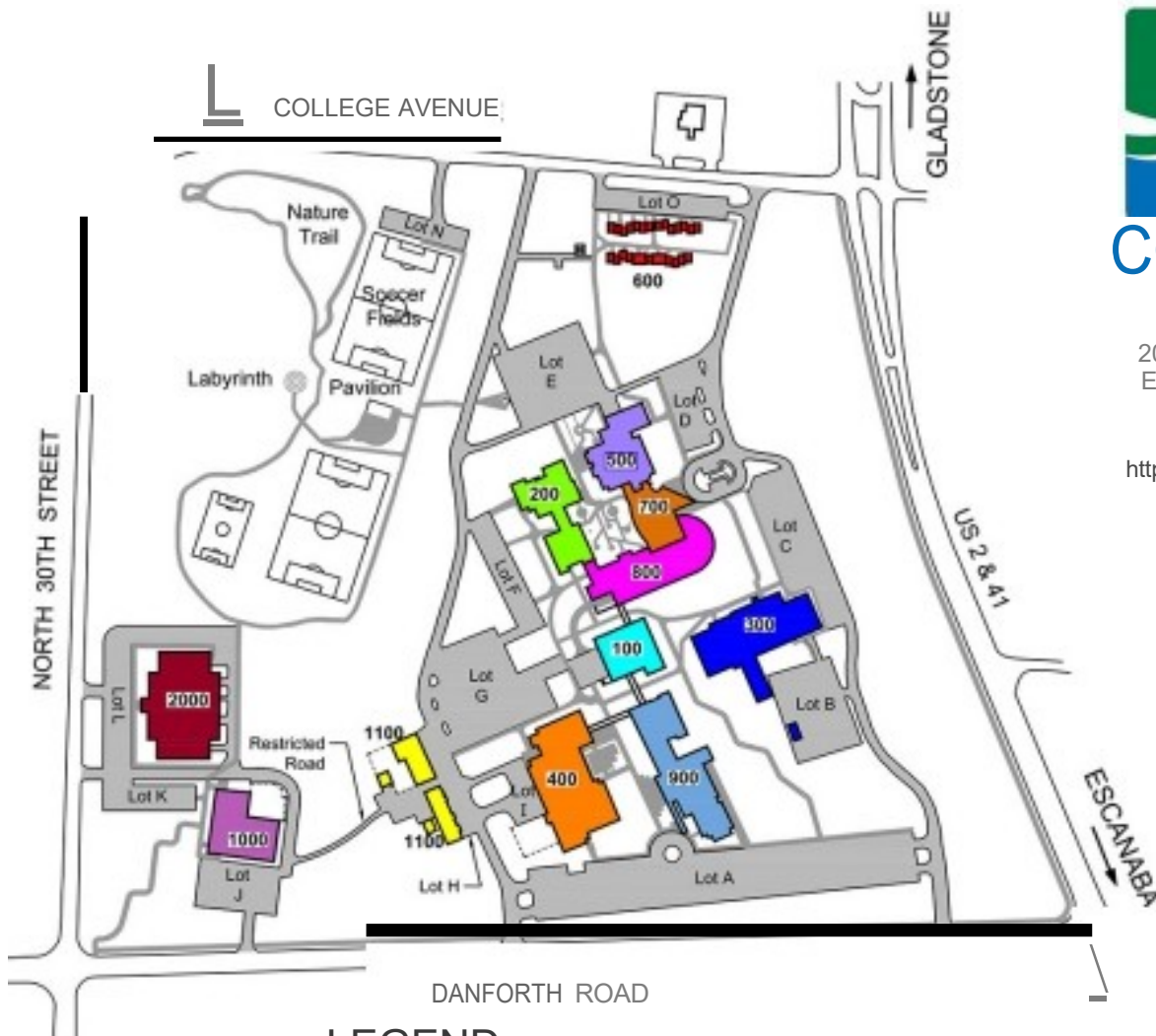
CAMPUS

2001N. Lincoln Road
Escanaba, MI 49829
(906) 786-5802
(800)221-2001
http:www.baycollege.edu

N

Nature Trail

Lot O

Lot N

600

Soccer Fields

Labyrinth

Pavilion

Lot E

Lot D

500

US 2 & 41

200

700

Lot C

800

NORTH 30TH STREET

100

300

2000

Lot F

Lot G

Lot B

ESCANABA

Lot L

1100

Restricted Road

Lot K

400

900

1000

1100

Lot I

Lot J

Lot H

Lot A

DANFORTH ROAD

LEGEND

■	100	Math/Science (MS)
■	200	Catherine Bonifas / Administrative (CB)
■	300	Physical Education Complex (PEC)
■	400	Besse Health and Technology (BHAT)
■	500	Student Center (SC)
■	600	Student Housing
■	700	Besse Center (BESSE)
■	800	HUB
■	900	Joseph Heirman University Center (JHUC)
■	1000	Welding/ Shipping and Receiving (WELD/SHIP)
	1100	Maintenance (MAINT)
■	2000	YMCA

The Iron Mountain campus has one large parking lot with three entry points. The parking lot received crack filling and resealing summer of 2021. The two entry points onto and off of US 2 are one-way with the entry off of Frank Pipp Drive two-way.

All parking lots receive regular routine maintenance that includes crack filling and seal-coating. There are four primary campus access roads into the campus. All of the roads are currently in good to excellent condition.

H. Adequacy of Existing Utilities and Infrastructure Systems to Current and 5-year Projected Programmatic Needs

The College is committed to replacement of equipment and infrastructure that is beyond its useful life over the next five years. This includes flooring, parking lot lights, plumbing, boilers, roofs, HVAC upgrades and updates to building alarms and the emergency broadcast system. Existing facilities and infrastructure systems meet programmatic needs for the immediate future but deferred maintenance is a priority for the college, in support of academic programs.

I. Goals of Enterprise-Wide Energy Plan

Facility-wide energy audits were conducted in 2001, 2012, and 2016. The 2012 audit calculated a 17.6% to 59.1 % reduction in energy use when compared to the 2001 audit for buildings on the Escanaba campus. The 2016 energy audit showed continued overall decrease in energy usage of 14.8% across both campuses. In 2017, the Iron Mountain Campus reduced its electrical consumption by 19%. Bay College continues to invest in energy savings projects and recognizes the importance of reducing consumption in addition to supporting energy saving devices. Bay College hired Johnson Controls in 2019 to develop a plan for a comprehensive performance contract to continue to plan, budget, and implement efficiency projects and further reduce energy consumption. The first phase of this plan was completed Fall 2021. One portion of phase 1 encompassed the replacement or update of most faucets, toilets and urinals on campus with water conserving fixtures and touchless urinals. The remaining phases of the plan have been incorporated into the capital budget of the College over the next several years.

Bay College has two primary goals as part of its current 5-year plan.

Goal #1: Continue to implement and update a rolling 10-year comprehensive infrastructure maintenance and replacement plan with the next five years focused on elimination of deferred maintenance of equipment that is beyond its useful life. This plan includes a Building Automation System (BAS) for both campuses to integrate utility systems across disparate buildings and ultimately gain efficiencies in controlling systems with automation and integrate new systems with the current scheduling system for maximum efficiency.

Goal #2: Replace critical infrastructure that is at or beyond its useful life with energy efficient systems monitored and controlled with technology to reap the most efficient use of the equipment and maintenance personnel resources.

J. Land

Bay College owns two campuses. The Escanaba campus is 155 acres of land, with fourteen buildings and eight major parking lots. The campus also contains three soccer fields that occupy approximately 100 acres of the property. Several areas around the existing structures allow expansion opportunities. Larger areas for growth are located along the US2/US41 corridors, south of student housing, and southwest of the welding and YMCA facilities. The Iron Mountain campus is 25 acres, with one 67,000 sq. ft building, and one large parking lot.

K.   Portions of Existing Building that are Obligated to the State Building Authority (SBA)

Bay College currently has two buildings obligated to the SBA.

In 1997, the MS 100, CB 200, and SC 500 buildings all underwent general renovations. The total project cost was $3,714,800 in which the state contributed $1,857,400. The lease for this project was originally set to expire on 11/30/2034. However, in February 2021 the bonds were paid in full and the property reconveyed to the College.

In 2005, Bay College Iron Mountain, Bay's second campus, was constructed in Iron Mountain, MI. The total project cost was $11,748,200 in which the state contributed $5,874,100. The lease for this project will expire on 11/30/2042.

In 2013, bonded in 2015, Bay College underwent a Nursing Lab and Lecture Hall

renovation. The total project cost was $1,499,600 in which the state contributed $749,800. The lease for this project will expire on 11/30/2050.

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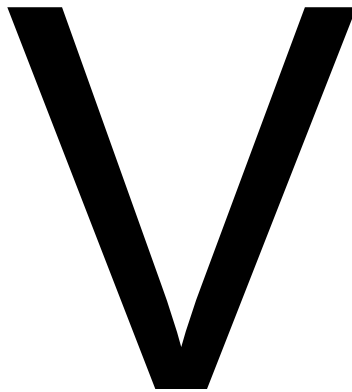
Implementation Plan

Section V. Implementation Plan

A. Prioritize Major Capital Projects Requested from the State

1. Manufacturing Innovation Center

This project includes the renovation of Bay College's existing Shipping and Receiving Building and Welding building into a Manufacturing Innovation Center for the Central Upper Peninsula. Originally used as a diesel shop, the Shipping and Receiving building was constructed in 1974. A welding laboratory was added in 1989 with the original addition renovated in 2015 doubling the size of the welding lab. With the recent relocation of the machine tool equipment into the lab, as well as a growing demand from local manufacturers for customized manufacturing courses, the need for a Manufacturing Innovation Center is significant to our region. The renovation will allow for welding instruction to remain as it currently exists, with modification of the existing Shipping and Receiving area to a reduced footprint, and the space gained to be utilized as modular industrial space for collaboration and innovation. This modular space would allow for the space to change as needed for the requested application. The Manufacturing Innovation Center will fill a regional need to support the manufacturing sector by producing a highly skilled, trained and educated workforce critical to existing and future operations. The Manufacturing Hub will also serve as a Safety Training Center to support OSHA and MIOSHA trainings for construction and general industry, boot camp style trainings around safety to include but not limited to credential forklift operators, confined space training and industrial rigging.

The scope of the project will include new electrical and mechanical installs to support equipment, ventilation upgrades, lighting upgrades, mobile partitions for flexible space utilization, demolition of the existing office space, one new shipping office, interior finishes, industrial coating floor epoxy in new innovation center, an automated sprinkler system for fire suppression, an opening added between the existing welding area and the Manufacturing Innovation Center, and planning for covered storage over the existing stock storage yard, with an access door on this exterior wall, and also for building graphics.

Total Estimated Cost for Manufacturing Innovation Center: $1,875,000.00 (7,500 SF x $250)

B. Status of Ongoing Projects Financed with State Building Authority Resources

N/A

C. Identify a Rate of Return on Planned Expenditures

Manufacturing Innovation Center

The Manufacturing Innovation Center will serve college students and local business partners and their employees in a multitude of areas. Welding skills and engineering focus to facilitate an Associate of Applied Science degree built for articulation to building a 2+2 program with higher education partners in welding including ABET standards. Machining expansion to include robotic interface and loading of CNC,

Computer Aided Design development to include innovation with 3D Printers, and Computer Numerical Control. The Manufacturing Innovation Center will provide development to include industry recognized certifications, Occupational Safe and Health Administration, Michigan Occupational Safety and Health Administration, Safety Rigging, and Mind Safety Training programs and trainings will be the focus. The trades will be a primary focus of the Manufacturing Innovation Center that may include HVAC, electrical, plumbing, construction and related skilled trades areas. The college will partner with local unions to become a resource for skilled employees and help foster a consistent work force.

The Manufacturing Innovation Center will be designed with flexibility to adapt to dynamic changes in technologies that is consistent with occupational training and industry. Partnerships with local business and industry will be collaborative in technology and funding to support the evolving needs of industry. This will be facilitated through active advisory panels within the credit and workforce development areas of college. The facility will be designed with flexibility to adapt to dynamic changes in technologies that is consistent with occupational training and industry needs. Partnerships with local business and industry will be collaborative in technology and funding to support the evolving needs of industry. This will be facilitated through active advisory panels within the credit and workforce development areas of the college.

D. Considered Alternatives to New Infrastructure

N/A

E. Identify a Maintenance Schedule for Major Maintenance Items in Excess of $1,000,000

Bay College has identified no major maintenance items in excess of $1,000,000 for fiscal years 2026 through 2030.

F. Amount of Non-Routine Maintenance and Sources of Financing

Bay College has budgeted approximately $1,766,124 for non-routine maintenance on the Escanaba and Iron Mountain campuses for fiscal year 24-25. These capital items are funded through annual property tax millage, bond proceeds and Perkins grant funds.

October 17, 2024

Dr. Nerita Hughes, President
Bay College
2001 N. Lincoln Road
Escanaba, MI 49829

RE: Support for Bay College Manufacturing Innovation Center

Dear Dr. Hughes,

I am writing to express Independent Machine Company's strong support for your proposed project related to a Manufacturing Innovation Center. The anticipated building renovation to expand and enhance lab and training space for welding, machining, basic manufacturing skills and 3D printing, would be an asset to our community and manufacturing operations as we remain steadfast in training our current and future workforce.

Our partnership with Bay College and ability to recruit, train and retain our employees is more critical than ever while we continue to serve our customers, maintain a strong manufacturing operation, and strengthen partnerships to grow Michigan.

We are excited to learn more about the flexible learning space that could support our training, and workforce needs through the new Manufacturing Innovation Center. Please don't hesitate to reach out if there is anything further, we can do to support this project.

Sincerely,

Mark Wyman
General Manager/CFO
Independent Machine Co Inc
906-428-4524
mwyman@imc-mi.com

October 18, 2024

Dr. Nerita Hughes, President
Bay College
2001 N. Lincoln Road
Escanaba, MI 49829

RE: Support for Bay College Manufacturing Innovation Center

Dear Dr. Hughes,

I am writing to express Midwest Truck Driving School and North Country Electrical Line and Heavy School's strong support for your proposed project related to a Manufacturing Innovation Center. The anticipated building renovation to expand and enhance lab and training space that is flexible for business and industry needs would be an asset to our community and industry operations as we remain steadfast in training our current and future workforce.

Our partnership with Bay College and ability to recruit, train and retain our employees and students is more critical than ever while we continue to serve our customers, maintain strong operations, and strengthen partnerships to grow Michigan.

We are excited to learn more about the flexible learning space that could support our training and workforce needs through the new Manufacturing Innovation Center. Please don't hesitate to reach out if there is anything further we can do to support this project.

Sincerely,

Josh Barron
School Director