



Northern Michigan

University



Facilities

Five Year Master Plan

October 2003



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Section I

Mission



Mission Statement

Northern Michigan University, by providing quality academic programs, strong student support, and extensive regional service for its stakeholders in the Upper Midwest, challenges its students, faculty, staff, and alumni to strive for excellence, both inside and outside the classroom, and to become outstanding citizens and leaders.

To accomplish this mission, Northern provides a supportive living and learning environment that includes high-caliber undergraduate and graduate programs, personal attention, extensive use of modern technology, and continuous improvement of curriculum and services through systematic assessment. Challenging themselves and their students, Northern faculty and staff are dedicated to effective teaching and intellectual inquiry; to including students as learning partners in their research, scholarship, and other professional activities; and to advancing the University's roles as a service provider and as a cultural and recreational center in the Upper Peninsula. Northern Michigan University students will study ethics, humanitarian values, and cultural awareness in a strong general education program, as well as master specific knowledge in a major career field. As graduates who are life-long learners, they will possess the skills and attitudes to succeed in a fast-paced, constantly evolving, multi-cultural world. As alumni, they will be challenged to continue an NMU tradition, that of distinguishing themselves in their careers and communities.

February 2003



Vision Statement

Northern Michigan University will be the quality, comprehensive public University of choice in the Midwest where students receive individualized attention in a high-tech learning environment.





Strategic Directions

Strategic Direction #1: NMU will continue growth to 10,400 students by 2005.

Strategic Direction #2: NMU will enhance the number and variety of its off campus and distance learning offerings.

Strategic Direction #3: NMU will continue to promote Northern Michigan University's image as the quality, comprehensive, public higher education institution of choice in the Midwest where students receive individualized attention in a high-tech learning environment.

Strategic Direction #4: Over a five year period, NMU will increase the resources available for new programmatic, enrollment, and technological initiatives.



Section II

Instructional

Programming



ACADEMIC PROGRAMS

Baccalaureate Degree Programs

Major

Accounting
Accounting/Computer Information
Systems
Applied Math
Art and Design - BS or BA
Art and Design - BFA
Art and Design Education

Concentrations

Ceramics
Jewelry/Metalsmithing
/Blacksmithing
Drawing/Painting
Electronic Imaging
Photography
Environmental Design
Printmaking
Film/Video
Product Design
Furniture Design
Sculpture
Graphic Communication
Woodworking
Illustration
Athletic Training
Biochemistry
Biology
Biology Education
Botany

Business Computer Information Systems

Concentrations

Marketing
Software Development
Networking
Systems Analysis
End User/Help Desk
Business Education
Business Undeclared
Chemistry
Chemistry (ACS Certified)
Chemistry Education
Clinical Laboratory Scientist
Clinical Laboratory Scientist-Microbiology
Clinical System Analysis
Communication Disorders
Computer Science
Construction Management
Criminal Justice
Cytotechnology
Diagnostic Genetics
Earth Science
Earth Science Education
Ecology
Economics
Economics Education
Electronics Engineering Technology
Elementary Education (Undeclared)
Emotionally Impaired/Elementary Education



ACADEMIC PROGRAMS

Baccalaureate Degree Programs (*continued*)

Major

Emotionally Impaired/Secondary Education
English
English/Elementary Education
English/Graduate Bound
English/Secondary Education
Entertainment and Sports Promotion
Entrepreneurship
Environmental Conservation
Environmental Sciences

Concentrations

Biological
Physical
Political Science

Financial Management
French
French Education
General Science/Biology
General Science/Chemistry
General Science/Earth Science
General Science/Physics
Geographic Information Systems
Geography Education
Geography/Human
Geography/Physical
Geography/Social Studies Education
Health
Health Education
Health Education/Secondary Education
History
Histotechnology

History Education
Hospitality Management
Individualized Studies
Industrial Technology
Industrial Technology Education
International Studies
Language Arts/Elementary Education
Liberal Arts and Sciences
Management
Management of Health and Fitness
Marketing

Concentration

IT Marketing
Mass Communications
Mathematics
Mathematics/Elementary Education
Mathematics/Secondary Education
Mechanical Engineering Technology
Media Production and New Technology
Media Studies
Mentally Impaired/Elementary Education
Mentally Impaired/Secondary Education
Microbiology
Music
Music Education
Network Computing
Nursing
Outdoor Leadership and Management
Philosophy
Physical Education



ACADEMIC PROGRAMS

Baccalaureate Degree Programs (*continued*)

Major

Physical Education/ED	Social Science/Economics
Physics	Social Science/Geography
Physics Education	Social Science/History
Physiology	Social Science/Political Science
Planning	Social Science/Sociology
Political Science	Social Studies/Elementary Education
Political Science Education	Social Studies/Secondary Education
Political Science/Pre-Law	Social Work
Pre-Architecture	Sociology
Pre-Dental	Sociology in Liberal Arts
Pre-Engineering	Spanish
Pre-Law	Spanish Education
Pre-Medicine	Special Education/Undeclared
Pre-Optometry	Speech Communication
Pre-Pharmacy	Sports Science
Pre-Veterinary	Technical Communication
Preschool/Family Life Services	Technology and Applied Sciences
Psychology	Theatre
Psychology/Behavior Analysis	Undeclared
Psychology/Graduate School Preparation	Water Science
Public Administration	Writing
Public Relations	Zoology
Science/Elementary Education	
Science Technologist	
Ski Area Business Management	



ACADEMIC PROGRAMS

Associate Degree Programs

Major

Architectural Technology
Automotive Service Technology
Aviation Maintenance Technology
Building Technology
Child Care Services
Climate Control Technology
Clinical Laboratory Technician
Computer Aided Design- Mechanical
Computer Information Systems
Crafts
Criminal Justice
Electromechanical Technology
Electronics Technology
Food Service Management
General Business
General Studies
Health Information Processing
Histotechnician
Individualized Studies
Industrial Maintenance
Industrial Media
Law Enforcement
Liberal Studies
Manufacturing Technology
Media Illustration
Office Information Assistant
Science Technician
Water Treatment Technology

Certificate Programs

Aviation Maintenance Technology
Automotive Service
Carpentry
Clinical Assistant
Computer Numerical Control Technology
Culinary Arts
Geographic Information Systems
Heating and Air Conditioning/Refrigeration
Individualized Studies
Numerical Control Technology
Office Services
Paraprofessional Instructional Aide
Practical Nursing
Surgical Technology
Water Treatment Technology

Diploma Programs

Advanced Law Enforcement
Collision Repair Technology
Cosmetology
Local Corrections

Certifications

Corrections Officer
Cosmetology Instructor
Manicurist
Police Academy



ACADEMIC PROGRAMS

Graduate Programs

Administrative Service

Community Planning

General Administration

Public Administration

Biology

Chemistry

Criminal Justice

Biochemistry

Communication Disorders

English

Literature

Pedagogy

Writing

Creative Writing

Exercise Science

Individualized Studies

Nursing

Advanced Adult Health Nursing

Family Nurse Practitioner

Public Administration

Community Planning

Criminal Justice

Financial Administration

General Administration

Health Care Administration

Personnel and Labor Relations

State and Local Administration

(Certificates)

Budget Administration

Health Care Administration

Personnel Administration

Program Evaluation and Analysis

Psychology

Training and Development

EDUCATION

Counseling

School Counseling

Educational Administration

Administration and Supervision

Instructional Leadership

Elementary Education

Mathematics Education

Mathematics and Science Education

Enhanced Mathematics and Science Education

Science Education

Secondary Education

Art and Design

Biology

Chemistry

English

French

Geography

Political Science



ACADEMIC PROGRAMS

EDUCATION (*continued*)

- Spanish
- Special Education
- Learning Disabilities
- Education Specialist
 - Administration and Supervision
- Education Certificates
 - State Professional Education Certificate, Elementary
 - State Professional Education Certificate, Secondary
 - Additional Endorsement
 - School Guidance Counseling Endorsement

Post-Baccalaureate Programs

- Elementary Provisional Certificate
- Secondary Provisional Certificate



ACADEMIC PROGRAMS

Elementary Education Minors

Elementary Education Planned Component
English
French Education
Geography
History
Language Arts
Mathematics
Physical Education
Science
Social Studies
Spanish Education
Special Education/Psychology

Secondary Education Minors

Art & Design Education
Biology Education
Chemistry Education
Earth Science Education
Economics Education
English Education
Environmental Conservation Education
French Education
Geography Education
Health and Nutrition Minor
History Education
Mathematics Education
Physical Education
Physical Education/Coaching
Physics Education

Political Science Education
Psychology Education
Spanish Education
Special Education/Psychology

Non-Education Minors

Accounting
Accounting/Computer Information Systems
Anthropology
Applied Ethics
Architectural Technology
Art & Design
Art History
Automotive Service Tech
Biology
Broadcasting
Broadcasting/Production
Business Administration
Chemistry
Child Care Services
Clinical Laboratory Techniques
Communications Disorders
Computer Aided Design/Mechanical
Computer Information Systems
Computer Science
Construction Systems
Contracted Minor
Criminal Justice



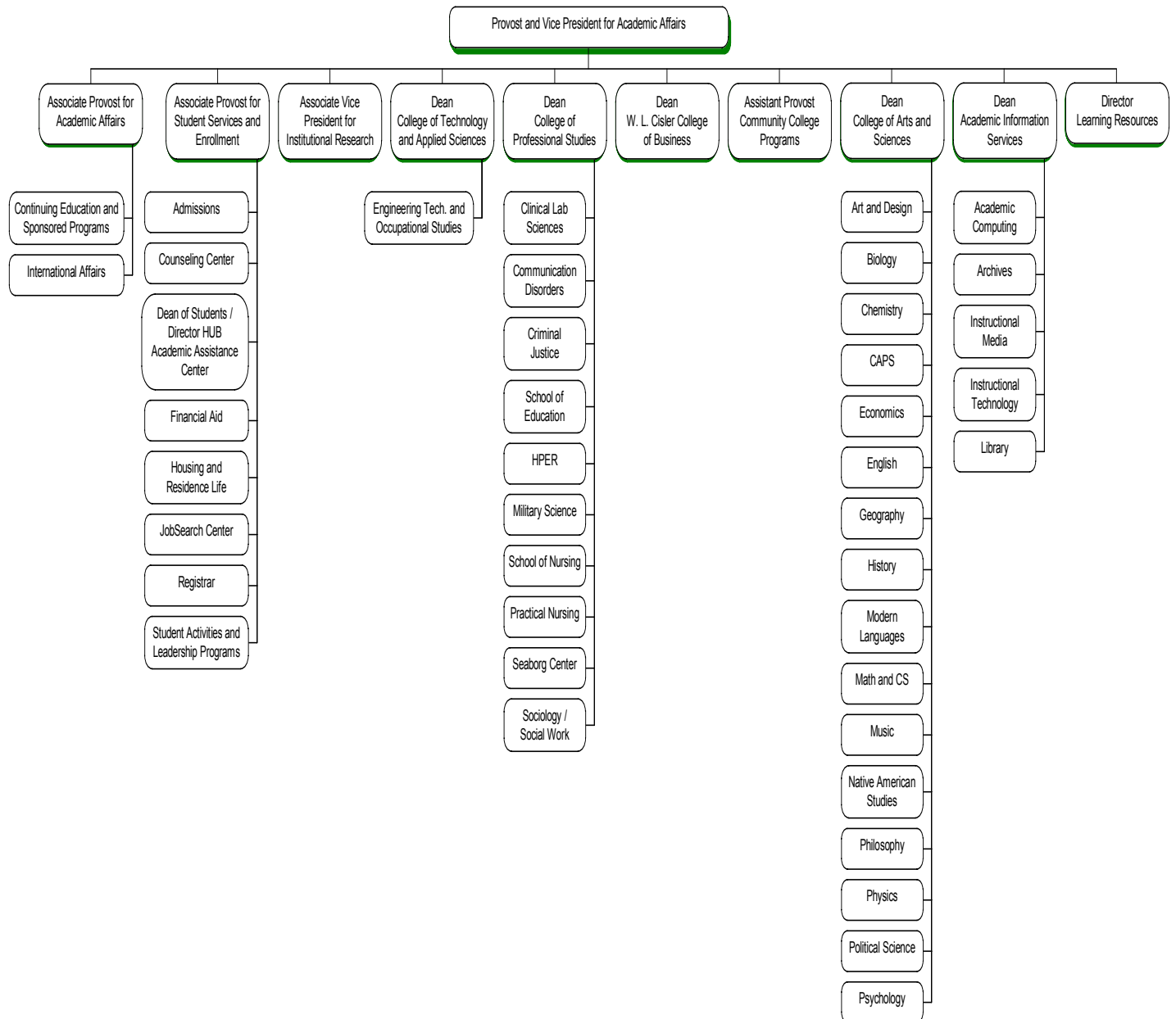
ACADEMIC PROGRAMS

Non-Education Minors (*continued*)

Earth Science
Economics
Electromechanical Technology
Electronics
Electronics Service Technology
Emergency Medical Services
English
Environmental Conservation
Finance
French
Gender Studies
Geography/Human
Geography/Physical
German
Health Cluster
Health Education
History
Hospitality Service Management
Human Behavior Cluster
Human Biology
Human Services
Industrial Maintenance Technology
International Studies
Interpretation & Outdoor Education
Journalism
Labor Relations
Labor Studies
Latin American Studies
Management
Manufacturing
Marketing
Mathematics
Mathematics Cluster
Military Science
Music
Native American Studies
Nutrition
Office Services
Outdoor Leadership
Outdoor Recreation
Outdoor Recreation Cluster
Performance Theatre
Philosophy
Physical Education/General
Physical Education/Coaching
Physics
Planning
Policy Evaluation Cluster
Political Science
Public History
Psychology
Public Administration
Public Relations
Religious Studies
Research Analyst
Social Welfare
Sociology
Spanish
Speech Cluster
Speech Communications
Substance Abuse Counseling
Technical Theatre
Theatre
Writing



Academic Affairs Division





COMMUNITY PRESENCE ACTIVITIES

ECONOMIC IMPACT

Northern Michigan University (NMU) has a significant impact on the Upper Peninsula's (U.P.) economy. According to an economic study completed in March 2001, NMU's total impact on economic activity in the U.P. is \$262 million. The study indicated that NMU impacts more than 5,000 jobs which represents one of every 25 jobs in the U.P. and one of every five (5) in Marquette County. The economic impact generates a five-to-one return on the annual investment in NMU by the State of Michigan.

RECREATIONAL FACILITIES AND SERVICES

NMU's recreational facilities serve as a regional events center for the entire Upper Peninsula. These facilities provide access to the community for ongoing walking programs, children's activities in the winter, youth sports camps, youth hockey, and also as a tourist attraction for the visitors in the area. Approximately 223,000 people pass through the Superior Dome's turnstiles on an annual basis. The Superior Dome hosts regular season high school football games and regional playoffs, Marquette County Youth Football Dome Day, as well as area public schools' end of the year field days. The Superior Dome also meets the needs of regional business and industry by hosting trade shows and conferences such as the Michigan Municipal League, Michigan Association of Counties, Midwest Regional Managers meeting for Cable Television, Michigan Association of Water Works, U.P. Job Fairs, Boat Sport and Recreational Vehicle show, Recreational and New Car shows, the U.P. Builders Show, as well as many others.

The Berry Events Center is home to Northern Michigan University hockey and basketball. The facility also hosts many junior hockey tournaments, as well as NMU men's and women's club hockey games. The Berry Events Center also plays host to concerts, lectures, banquets, and conferences.



COMMUNITY PRESENCE ACTIVITIES *(continued)*



INTERCOLLEGIATE ATHLETICS

Northern Michigan University offers twelve intercollegiate men's and women's sports. Approximately 320 student athletes compete in NCAA events annually, with an average of 80 contests held in Marquette County. An average of 93 visiting athletic teams, coaches, staff, and fans visit the Marquette area annually to attend games held at NMU. Games held at NMU attract fans from throughout the Upper Peninsula, as well as Northern Wisconsin and Lower Michigan. The majority of these groups spend multiple days on each visit to Marquette.

U.S. OLYMPIC EDUCATION CENTER

NMU is home to the nation's only United States Olympic Education Center. The Center provides Olympic-aspiring athletes the opportunity to continue their education while training to represent all Americans at the Olympic Games and other international events. Since 1985, more than 22,000 athletes from 35 countries have trained at the USOEC. Nearly 400 of these athletes have made Olympic Teams earning 38 Olympic medals, along with high school diplomas and college degrees.



**UNITED STATES
OLYMPIC
EDUCATION
CENTER**



COMMUNITY PRESENCE ACTIVITIES *(continued)*

NORTHERN INITIATIVES

NMU invests annually in Northern Initiatives, a not-for-profit economic development corporation that services the entire Upper Peninsula. Its primary role is to assist in the development of new businesses in the region and provides services to more than 600 entrepreneurs on an annual basis. This investment generates \$1.8 million in economic activity in the U.P. and impacts 40 jobs.



COMMUNITY COLLEGE AND MEETING NEEDS OF BUSINESS AND INDUSTRY

NMU serves the community college role for the citizens of Marquette and Alger Counties. NMU's Community College offers student associate degrees, certificate programs, diploma programs, and certifications in 45 areas of study.

PARTNERSHIPS WITH BUSINESS AND INDUSTRY

Northern has a variety of partnerships to meet the needs of existing businesses, emerging industries, the public schools and working adults. Among our current corporate partners with on-site or specially designed education programs are American Eagle Airlines-Regional Aircraft Maintenance Center, Inc., Cleveland Cliffs, Inc., Mead Paper, Pioneer Surgical Technology, Sara Lee, and Dendreon.

Internships for NMU students with business, industry and service providers are critical to quality employment preparations. Among NMU's most well-known internship sponsors are American Express Financial Advisors, General Motors, Hudson's Corporation, Dendreon, Mayo Clinic, Marquette General Health Systems, Marshfield Clinic, Michigan State Police, Michigan DNR, Northwestern Mutual Life, Six Flags Great America, State Farm Insurance, the U.S. Marshall Service, and Wal-Mart.



COMMUNITY PRESENCE ACTIVITIES *(continued)*

Northern's partnerships with K-12 schools through student teaching positions and professional development for teachers and administrators are extensive. Nearly every school district in the Upper Peninsula has recently hosted NMU student teachers. These partnerships with schools provide experience with all class-levels in public, private and charter educational settings. NMU's Center for Educational Development and Seaborg Center for Math and Science Education provide a wide variety of professional development opportunities for teachers and administrators across the Upper Peninsula. NMU also works with a number of schools in Michigan's Lower Peninsula, Northern Wisconsin and Chicago. Additionally, NMU works with five public school academies (charter schools) in Michigan.

DISTANCE EDUCATION

To provide greater access to education for the citizens of the region, NMU has created educational centers located in three areas of the Upper Peninsula including Iron Mountain/Kingsford, Ironwood, and Escanaba. In addition, we have cooperative arrangements with Michigan Technological University to deliver instructional programs in Houghton, Michigan. Courses are delivered at these locations through on-site instruction, through interactive television, and via the Internet.

PUBLIC RADIO AND TELEVISION

NMU's television station provides educational programming to residents through both cable television (Charter Communications) and direct broadcast. Our public radio station has six translators throughout the U.P. that offers a wide range of national and locally developed programs. Both stations support our academic programs by providing our students with "real life" broadcasting and camera experience.





NEW INITIATIVES/ACADEMIC PROGRAM NEEDS WITH IMPACT ON FACILITIES

Northern Michigan University's (NMU) vision is to be the comprehensive University of choice in the Midwest where students receive individualized attention in a high-tech learning environment.

NMU continues to use its Teaching, Learning, and Communication (TLC) Program as an important element in implementing its vision and goal of students becoming independent, lifelong learners. A major component of TLC is that as part of the tuition and fees, NMU provides all full-time undergraduate and graduate students with a notebook computer, the software that is required for their academic programs, access to the Internet, e-mail services, and technical support. The program has grown to more than 8,700 notebook computers in the hands of NMU students, the equivalent of one computer for every 35 Upper Peninsula residents, making NMU one of the largest public "notebook" universities in the world. NMU continues to build a high-tech learning environment to support this program. NMU has over 14,000 network nodes on campus, wireless access across the entire campus, and it beginning to provide wireless access throughout the entire city to NMU students and faculty. The University believes that providing this high quality technology in the learning environment will assist the University in preparing graduates to easily move into today's increasingly information and technology driven workplace.

NMU's efforts are being recognized by businesses, parents, and students throughout the State of Michigan, and on a national and international basis. In 2001, the last year that Yahoo conducted a survey of the "100 Most Wired Colleges," Northern ranked 24th. This past year, NMU's TLC program was recognized by the ComputerWorld Honors Program. The ComputerWorld Honors Program identifies organization from around the world whose use of information technology has been especially noteworthy for the originality of its conception, the breadth of its vision, and the significance of its benefit to society.



NEW INITIATIVES/ACADEMIC PROGRAMS NEEDS WITH IMPACT ON FACILITIES *(continued)*

Since implementation of this initiative, our enrollment has grown every year (22 percent in the past six years), and our student credentials, including high school grade pointer average and ACT scores, are at all time highs. Northern is attracting more students from outside the Upper Peninsula. In the current fiscal year, Northern achieved its second highest freshmen class and second highest total enrollment in our more than 100 year history. The change that is happening on our campus is wide-ranging, not a single event. The faculty at NMU have now developed more than 1,000 course sections utilizing our web-based course software, and this number continues to grow each semester.

Northern's vision, along with our continued enrollment growth and integration of technology into the learning environment, are encompassed in our capital outlay needs. This includes an emphasis on renovation and re-use/transformation of existing facilities to meet the changing needs of academic programs, the integration of technology into the classroom and surrounding campus environment, and the changing support service needs of a growing and changing student population.

In addition to the State Capital Outlay funds, NMU issued \$30 million in debt in fiscal year 2001 to help fund University capital projects listed in Section V that are necessary to help support our growing and changing learning environment, including academic, recreational, and living facilities.





Section III Enrollment and Staffing



Enrollment

Headcount

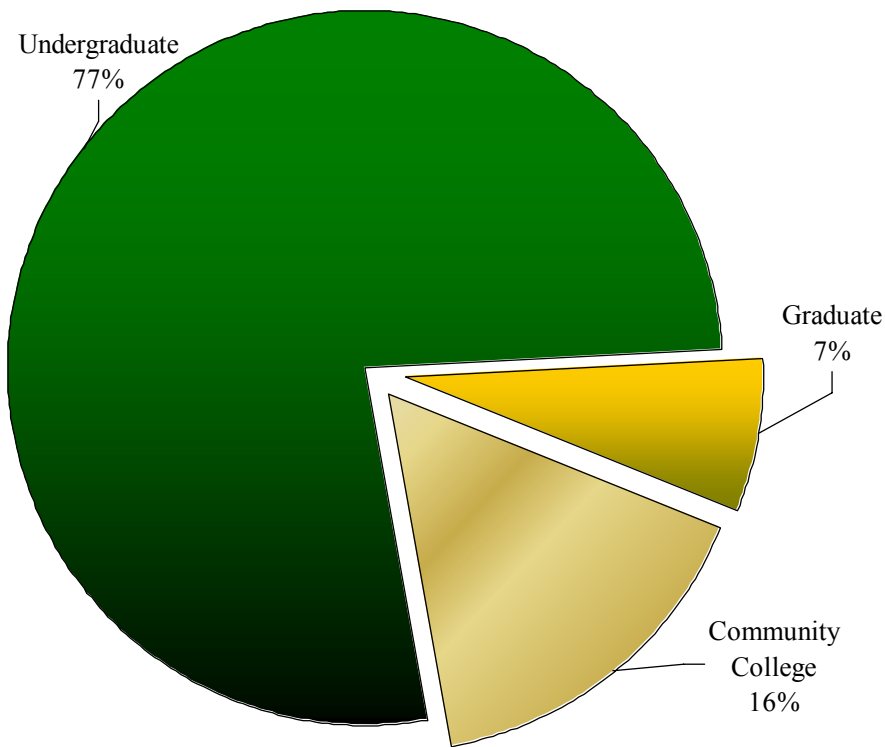
Fall 2003 (n = 9,009 – 10th Day of Class)

Average age

- ▶ Undergraduates: 23.2
- ▶ Graduates: 38.7
- ▶ Overall: 24.3

Other student statistics

- ▶ At least one student from:
 - ▶ All 83 Michigan counties
 - ▶ 45 different states
 - ▶ 15 different countries



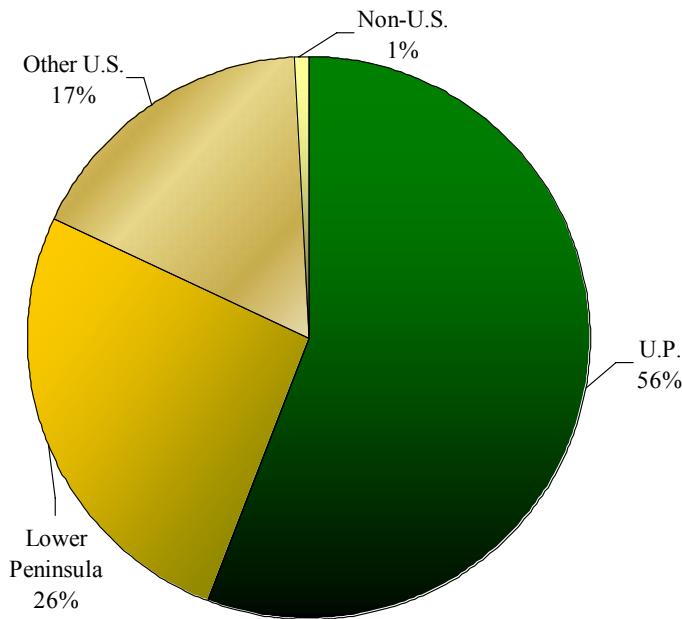


Enrollment

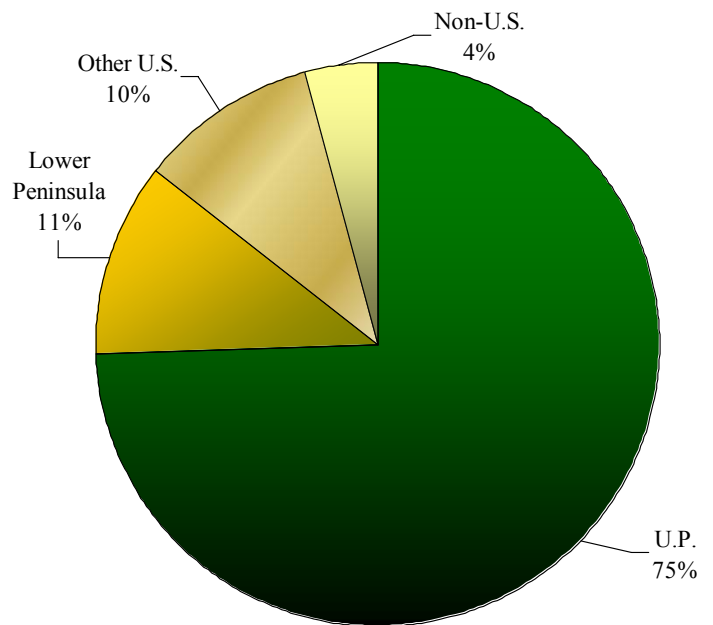
Recruiting Region

Fall 2003 (n = 9,009 – 10th Day of Class)

Undergraduate (n = 8,373)



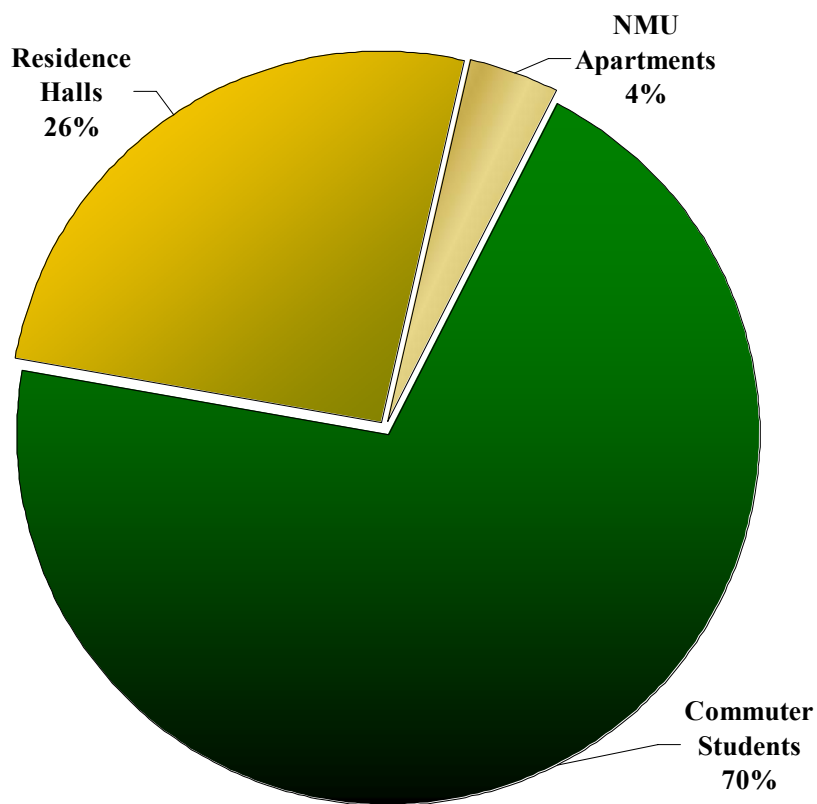
Graduate (n = 636)





Enrollment

Where NMU Students Live
Fall 2003 (n = 9,009 – 10th Day of Class)





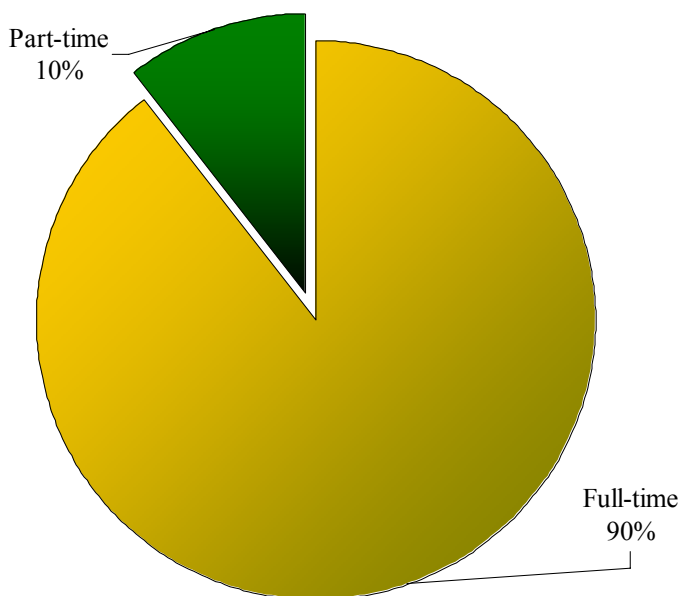
Enrollment

Full-time/Part-time Status

Fall 2003 (n = 9,009 – 10th Day of Class)

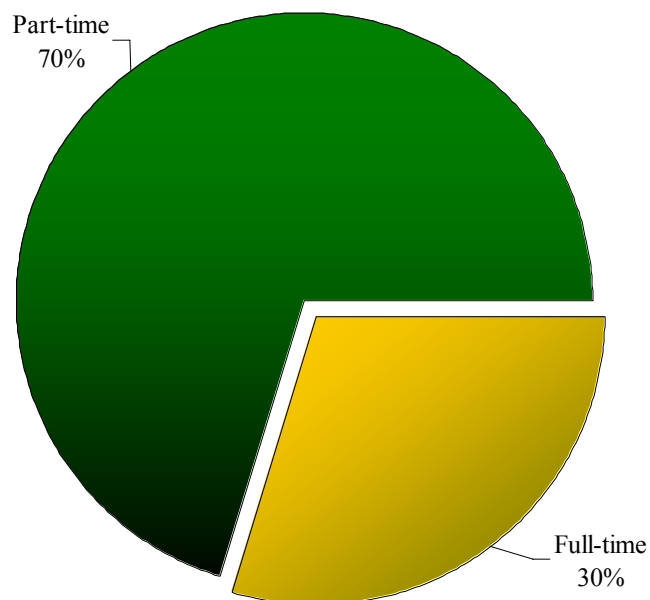
Undergraduate

(n = 8,373)



Graduate

(n = 636)

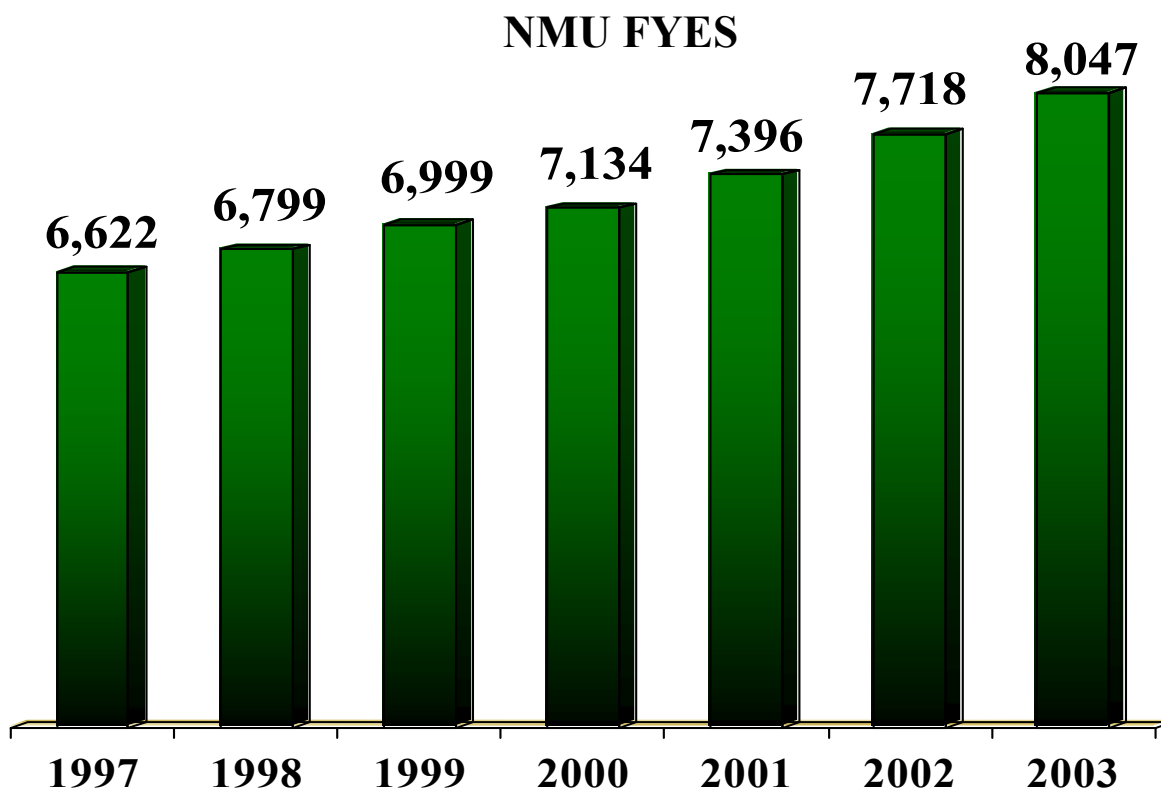




Enrollment

Full Year Equated Student Change

- ▶ FYES increased for the sixth consecutive year:
 - ▶ Increase of 4.2% as compared to prior year
 - ▶ Increase of 21.5% since 1997

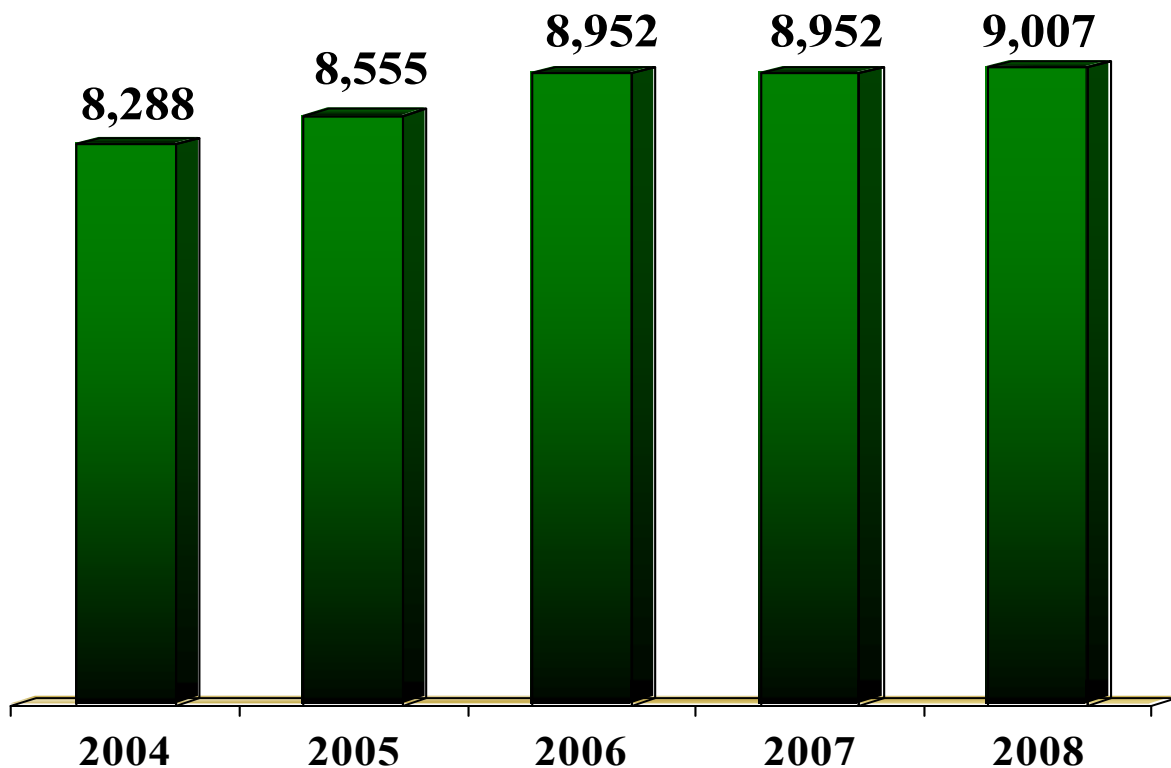




Enrollment

Full Year Equated Student Change (FYES)

5 Year Projection

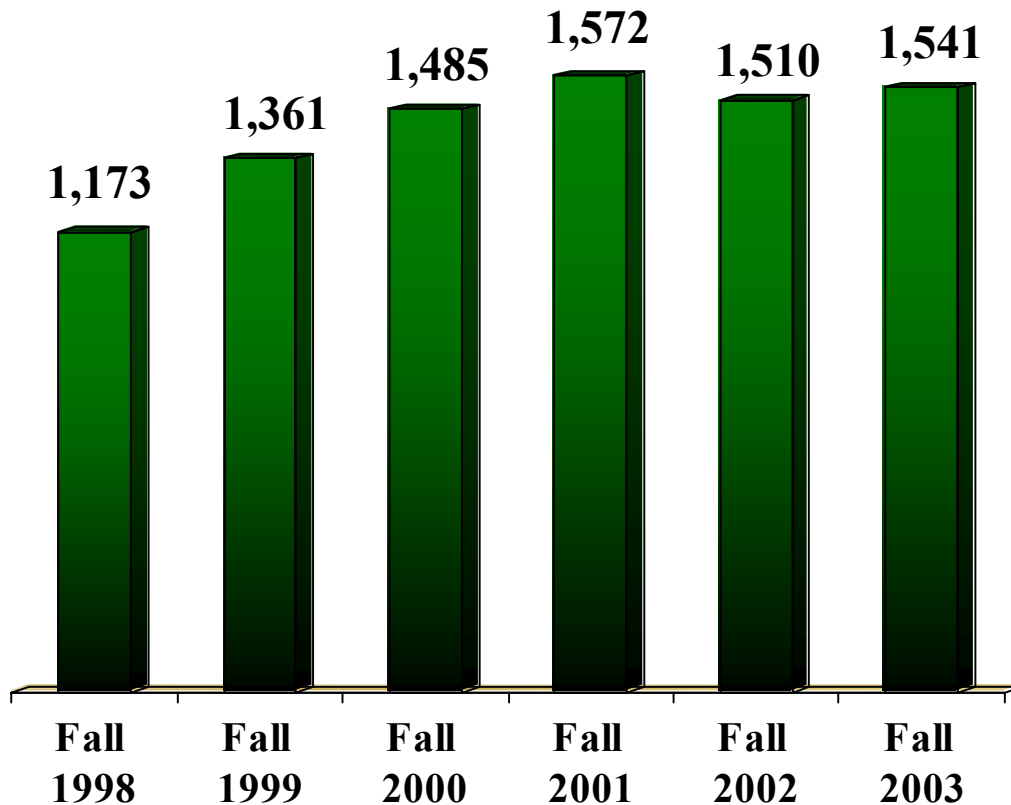




Enrollment

First-Time, Full-Time New Freshmen

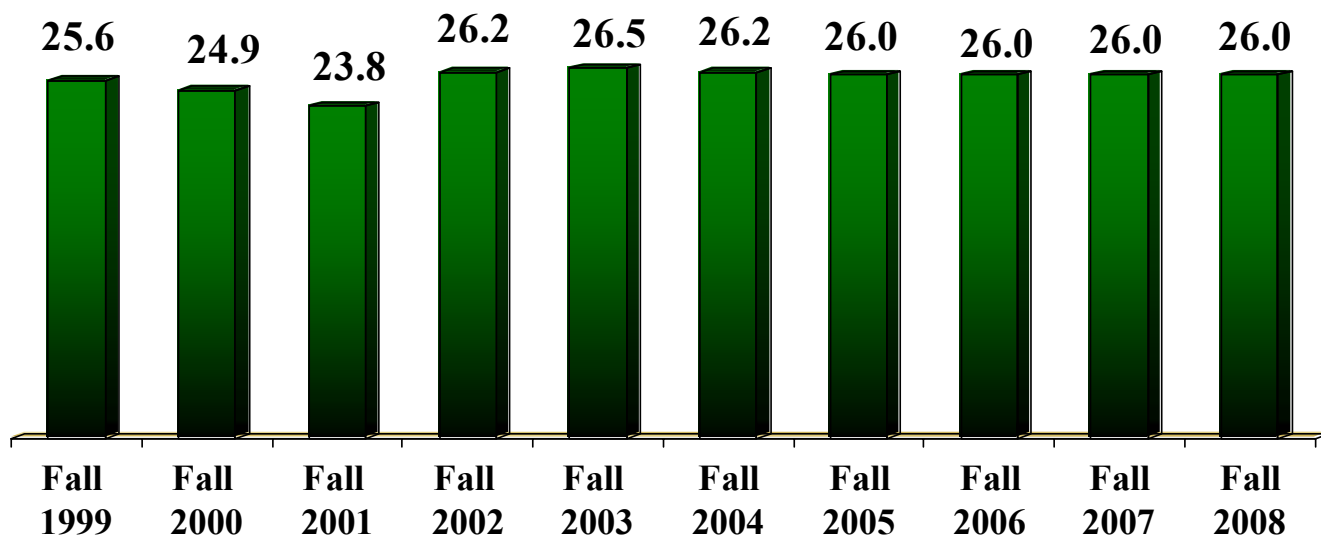
- ▶ Fall 2003 Freshman Class Increased By 2.1%
- ▶ Fall 2003 Freshman Class Increased By 31.4% Since Fall 1998





Enrollment

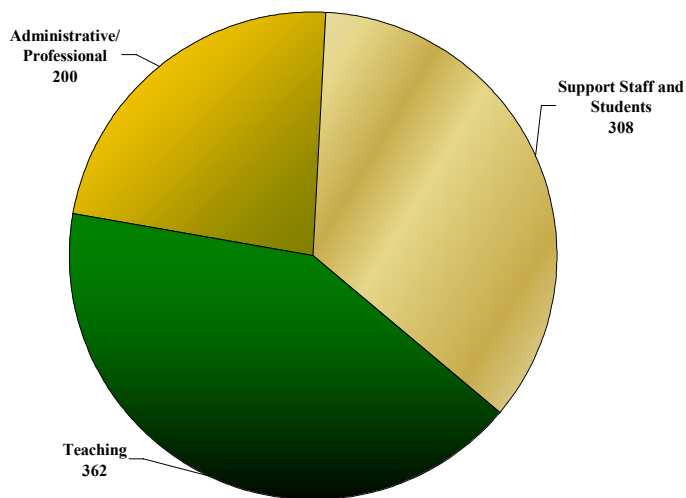
Average Class Size and Projected Average Class Size





Staffing

2002-2003 Full-Time Equivalent By Employee Category



Staff FTE

	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
Teaching (Instructional Staff)	353	357	355	364	362	362	374	391	391	394
Administrative/Professional Staff	186	184	187	193	200	187	187	187	187	187
Service Staff and Students	343	343	345	312*	308	302	302	302	302	302

* Decrease in Service Staff and Students is a result of a State reporting change for College Work Study FTE

Student (FYES) - to - Staff Ratios

	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
Teaching (Instructional Staff)	19.83	19.80	20.83	21.20	22.23	22.90	22.87	22.90	22.90	22.86
Administrative/Professional Staff	37.63	38.77	39.55	39.99	40.24	44.32	45.75	47.87	47.87	48.17
Service Staff and Students	20.41	20.80	21.44	24.74	26.13	27.44	28.33	29.64	29.64	29.82



Section IV

Facility

Assessment



Introduction

Northern Michigan University continues to work with the facilities assessment software, keeping the assessment date of the University accurate and current. Northern continues to use a local A&E firm to assist in updating this data for newly renovated spaces. The prioritizing process of the project list is fluid and updated annually. This list is used as a tool to help identify current and future maintenance and renovation projects. Much of the information contained in this report is obtained from this study. Copies of the report are available upon request.





Facilities Assessment

◆ NMU Physical Plant Overview

- ▶ 678 acres
 - ▼ 352 acres on main campus
 - ▼ 120 acres - Longyear Forest
 - ▼ 206 acres - near Mount Marquette
- ▶ 3.63 miles of roadway
- ▶ 13.7 miles of sidewalk
- ▶ Building square footage
 - ▼ 3.2 million square feet





Facilities Condition Cost analysis by Priority Class For All State Buildings

	Immediate	Year One	Year Two to Five	Year Six to Ten	Total
ADA B. VIELMETTI HEALTH CENTER		\$11,628	\$43,408	\$65,615	\$120,651
BERRY CENTER LINK		\$6,088	\$2,234	\$30,022	\$38,344
BUS GARAGE		\$121	\$14,953	\$2,572	\$17,646
BUTLER BUILDING		\$12,515	\$29,621		\$42,136
CAREY HALL	\$74,566	\$254,288	\$4,243,104	\$410,151	\$4,982,109
DOME / PEIF LINK		\$1,751	\$175	\$12,076	\$14,002
EVENTS CENTER	\$863			\$372,235	\$373,098
FOREST ROBERTS THEATRE		\$565,764	\$606,531	\$324,375	\$1,496,670
GLENN T. SEABORG SCIENCE COMPLEX		\$60,743	\$51,160	\$698,941	\$810,844
HARRY D. LEE HALL	\$95,187	\$230,503	\$3,152,093	\$141,736	\$3,619,519
JACOBETTI CENTER		\$978,714	\$2,309,629	\$3,462,293	\$6,750,636
JACOBETTI STORAGE		\$15,452	\$3,083	\$40,843	\$59,378
JOHN X. JAMRICH HALL	\$26,994	\$431,091	\$5,188,475	\$1,945,002	\$7,591,562
KAYE HOUSE (PRESIDENT'S HOUSE)			\$38,920	\$38,773	\$77,693
LEARNING RESOURCE CENTER	\$80,589	\$810,823	\$9,814,746	\$2,096,969	\$12,803,127
LRC/WS LINK		\$15,592	\$5,660	\$15,404	\$36,656
LUTHER S. WEST SCIENCE BUILDING			\$23,191	\$830,916	\$854,107
MAGERS HALL		\$221,893	\$657,511	\$332,540	\$1,211,944
McCLINTOCK BUILDING		\$288,894	\$514,436	\$1,128,693	\$1,932,023
PHYSICAL EDUCATION INSTRUCTION FACILITY		\$1,470,868	\$1,874,366	\$1,258,366	\$4,603,600
RIPLEY HEATING PLANT		\$4,435	\$352,377	\$96,981	\$453,793
SAM M. COHODAS ADMINISTRATIVE CENTER	\$7,676	\$53,384	\$2,213,678	\$4,300,704	\$6,575,442
SERVICES BUILDING			\$84,187	\$186,117	\$270,304
SUPERIOR DOME		\$4,799,453	\$397,309	\$296,341	\$5,493,103
UC/GRIES LINK		\$30,432		\$57,063	\$87,495
WALTER F. GRIES RESIDENCE HALL		\$30,272	\$211,294	\$483,783	\$725,349
SBA Approved					
HEDGCOCK FIELD HOUSE		\$1	\$3,095		\$3,096
THOMAS FINE ARTS		\$1,442,244	\$1,388,579	\$1,790,028	\$4,620,851
ART AND DESIGN NORTH		\$95,986	\$4,308	\$745,850	\$846,144
Other					
UTILITY INFRASTRUCTURE	\$143,926	\$75,647	\$16,965,122	\$542,746	\$17,727,441
HARDSCAPE	\$31,009	\$115,198	\$104,382	\$1,135,216	\$1,385,805
CAMPUS SECURITY			\$393,696		\$393,696
Totals	\$460,810	\$12,023,780	\$50,691,323	\$22,842,351	\$86,018,264



Facilities Condition Cost analysis by Priority Class For All Auxiliary Buildings

Buildings	Immediate	Year One	Year Two to Five	Year Six to Ten	Total
CENTER STREET APARTMENTS	\$45,574	\$336,207	\$3,771,813	\$479,457	\$4,633,051
CHARLES C. SPOONER RESIDENCE HALL	\$46,954		\$4,324,260	\$330,825	\$4,702,039
DON H. BOTTUM UNIVERSITY CENTER	\$104,122	\$138,822	\$10,831,032	\$1,673,441	\$12,747,417
GANT HALL	\$21,816		\$3,847,023	\$1,225,850	\$5,094,689
GUNTHER C. MEYLAND RESIDENCE HALL	\$59,731		\$4,597,753	\$225,241	\$4,882,725
HALVERSON HALL	\$128,770		\$3,579,053	\$1,225,965	\$4,933,788
LINCOLN STREET APARTMENTS	\$86,788	\$218,007	\$4,441,887	\$1,522,965	\$6,269,647
LUCIAN F. HUNT RESIDENCE HALL	\$59,553	\$43,622	\$4,405,610	\$276,497	\$4,785,282
MAUDE L. VAN ANTWERP RESIDENCE HALL	\$59,553		\$4,397,690	\$273,960	\$4,731,203
NORWOOD STREET APARTMENTS	\$45,266	\$621,659	\$2,798,024	\$90,662	\$3,555,611
PAYNE HALL	\$128,770	\$18,315	\$3,578,996.00	\$1,225,850	\$4,951,931
QUAD 1 SERVICE	\$2,378	\$7,945			\$10,323
QUAD 2	\$66,101	\$986,895	\$2,848,463	\$765,230	\$4,666,689
SPALDING HALL	\$58,441	\$287,006	\$3,772,449	\$1,221,164.00	\$5,339,060
WILBUR D. WEST RESIDENCE HALL	\$22,301		\$4,970,237	\$531,192	\$5,523,730
WILKINSON HOUSE			\$180,598		\$180,598
SUMMIT STREET APPARTMENTS	\$37,050	\$359,535	\$4,587,677	\$1,043,706	\$6,027,968
Totals	\$973,168	\$3,018,013	\$66,932,564	\$12,112,005	\$83,035,750





Facility Assessment Summary



Assessment of Campus Utilities System

Water

NMU has 78,260 linear feet of water lines on campus and tries to update aging water mains during new construction, as permitted. Since 1996, 3,500 feet of water main has been replaced in conjunction with various projects. During the summer of 2000, NMU in cooperation with the City of Marquette installed seven master water meters around the University to simplify and ease the reading required for University usage. This past summer, the University installed a new lateral (430 feet) to feed the newly renovated Whitman Hall. This new 6" service provides both domestic water and fire protection for the building.

Steam

In 1996 NMU completed a major update to its aging main steam distribution system. A total of 27,078 linear feet of uninsulated line was replaced with 13,236 feet of new insulated steam and condensate lines, servicing all major academic buildings on campus. In addition, during the 2000 fiscal year approximately 500 feet of new line was installed to service the campus apartments on the east portion of campus. NMU installed 875 feet of new steam line servicing the Quad I and 175 feet servicing West Hall during the 2002-2003 fiscal year. With the completion of this replacement almost all of the steam distribution system has been replaced within the past seven years.





Assessment of Campus Utilities System *(continued)*

Electric

In 1997 NMU had an evaluation of the primary electrical system conducted by Cummins and Barnard, Inc. of Ann Arbor, Michigan. The study concluded that the University's growth in the last 10 years had not been electrically significant in terms of capacity. However, there were issues with aging equipment that needed to be addressed. Oil-filled loop switches and aging electrical equipment in the heating plant were two of the issues. Also, the two primary electrical conductor systems throughout the main campus were past their rated life. This past summer, the University installed approximately 61,000 feet of high voltage cable to update the primary conductors, replaced three oil-filled loop switches, and all existing switchgear had new fault indicators and fuses installed.

Gas

All gas mains on campus are owned by the SEMCO gas company. NMU is responsible for all laterals. There is a total of 48,351 linear feet of gas line on campus.

Phone

Existing campus phone lines (19,629 feet) were installed in 1985 by ATT Technologies. The buried lines are fiber optic and 24 gauge copper twisted pair. The current plant system is considered to be in very good condition.

Storm

On campus there is approximately 54,402 linear feet of storm sewer with the majority of the University's storm run off being directed to the city's system. A portion of the city's storm water is directed through University storm pipes entering campus from the southwest and exiting to the northeast. Design for all new construction tries to address storm water run off with the use of retention ponds. This has been accomplished with all parking lot projects since 1999. This past summer, a 285-space parking lot was constructed to service the new Whitman Hall building, and all storm water for this lot is collected in a retention pond and metered to the municipal storm system, if needed.

Sanitary

There are 42,393 feet of sanitary sewer lines on campus. Aging sanitary sewer lines are updated with new construction, as permitted.



ASSESSMENT OF CAMPUS UTILITIES SYSTEM

UTILITY SYSTEM	NEED YEAR	ESTIMATED COST
Water System	4	\$100,000
Steam Distribution	1	\$1,550,000
Primary Electrical Service	1	\$1,750,000
Storm Drain Mains	5	\$50,000
Sanitary Sewer Mains	2	\$144,000
Utility System Total		<u><u>\$3,594,000</u></u>



Assessment of Campus Infrastructure

Roadways (3.63 miles)

Improvements:

Over the last three years, a number of improvements have been completed on a 23-acre brownfield the University purchased from the City of Marquette in 1998. This former industrial site has been remediated and is now considered a clean site. The last improvement was completed this past summer, with over 3,800 feet of new roadway being constructed, including curb and gutter and storm sewer by the Michigan Department of Transportation. This project was funded through a Michigan Institutional Roadway (MIR) grant and completed the road network encompassing the University's Recreation and Sports Complex.

Conditions:

Because of the northern proximity of NMU and the harsh winter climate, the campus roadway structures endure severe exposure and subsequent deterioration and damage as a result of the operation of snow clearing equipment. It can be anticipated that significant amounts of asphalt resurfacing will be required in order to maintain the roadways.

Areas Requiring Maintenance:

Several areas around the campus are beginning to show signs of deteriorating pavement but are not in the condition requiring immediate repairs within the next year. The roadway to the northwest from the Lee Drive and Seventh Street intersection past the driveway entrance into Lot #28 will need to be paved in the next several years. These areas have superficial cracks in the pavement that will worsen over time as a result of the harsh winters. The areas will need to be repaired by filling potholes with asphalt patch and crack sealant, and select areas of paved surface may be scarified where necessary to improve drainage patterns. The entire pavement should receive a 2" asphalt surface course and new striping. The existing gravel parking at the Bus Garage, located at the corner of Wright Street and Enterprise Street, is being considered for pavement. The existing gravel base should be graded before the application of a 1 ½" binder course and then a final 1 ½" top course.



Assessment of Campus Infrastructure *(continued)*

Over the next six to ten years, it is expected that additional sections of the campus' asphalt road network will have to be replaced as a result of normal wear and the harsh winter environment. These areas are expected to crack requiring sealant and patchwork before applying the new surface wearing course. It is expected that at least one-half of all campus roadways will need to be repaired and resurfaced within the next ten years. Along with the replacement of the road surface, a significant amount of roadside concrete curb and gutter will also have to be replaced and/or repaired.

PARKING (6,525+ spaces total)

Improvements:

Current parking lot conditions on campus range from paved parking with curb and gutter to unimproved gravel lots. Last fall Parking Lot #46, north of Wright Street and across from the entrance of Parking Lot #16, was constructed to help assist with the rising need for resident student parking, and is designed as a long-term parking lot. This past summer, improvements and expansions were made to the existing gravel parking lots northeast of the Superior Dome. The improvements include asphalt, curb and gutter, and storm sewer.

Conditions:

Because of the northern proximity of the University, significant amounts of snowfall occur on campus each year. As a result of the harsh winter climate, the campus hardscape structures endure more severe exposure and subsequent deterioration and damage as a result of the operation of snow clearing equipment. The streets and sidewalks are cleared of snow and ice before classes begin each morning. With the average annual snowfall generally being above 150 inches per year, the clearing of snow from sidewalks and streets are a top priority of the campus operations staff. As the sidewalks crack from the effect of freeze and thaw, the surfaces become uneven, and the scraping of the ice and snow causes more and more structural damage. The typical deterioration of the hardscape structures is accelerated as a result of the harsh winter environment.

Lot #9 (Quad II) is in the worst condition, followed by Lot #12 (Cohodas) and Lot #14 (Tracy Avenue).



Assessment of Campus Infrastructure *(continued)*

It is planned that within the next year, the potholes be repaired by filling with asphalt patch, and select areas of paved surface be scarified where necessary to improve drainage patterns. The entire lot should then receive a 2” asphalt surface course and new striping.

SIDEWALK

There is 13.7 miles of sidewalk on campus. All new sidewalks are reinforced concrete, and designed 10 feet wide to accommodate service vehicles and snow removal traffic. There are a number of walks that do not meet the existing campus standard or are so badly deteriorated that they are in need of replacement. Several sidewalks on campus do not meet current ADA or MBFD guidelines. There are also several areas that currently are not paved which require a finished surface in order for the maintenance crews to be able to keep those walks clear of snow in the winter.

Several sections of the concrete sidewalk around the campus have cracked, resulting in heaving or sunken sidewalk sections causing uneven settlement at the joints or crack lines. These areas are beginning to become minor trip hazards and are showing signs of deterioration associated with snow plowing, freeze/thaw cycling, and water infiltration. Sidewalks in the vicinity of Spooner Hall and the intersection of Seventh Street and Lee Drive need replacement, along with an area by the Superior Dome where the uneven concrete sidewalk surface is a definite trip hazard. Two other areas exist on campus that presently either do not have a concrete sidewalk or the existing sidewalk is not adequate for the conditions.

The campus standard for sidewalks is a 10 foot wide concrete walk. The concrete surface is preferred over asphalt for the durability when scraping snow and ice in the winter months. Within the next two to five years, existing asphalt sidewalks on campus will need to be reconstructed with the campus-standard width geometry and materials so the snow plows can access these walks for clearing and maintaining. The existing walk from Carey Hall east to Waldo Street for accessing the Berry Events Center/Physical Education Instructional Facility/ Superior Dome area is planned for replacement with concrete.



Assessment of Campus Infrastructure *(continued)*

Over the next six to ten years it is expected that additional sections of the campus' concrete sidewalk network will have cracked, resulting in heaving or sunken sidewalk sections causing uneven settlement at the joints. These areas will become trip hazards as a result of the deterioration associated with snow plowing, freeze/thaw cycling, and water infiltration. It is expected that at least one-half of all sidewalks on campus will need to be replaced over the next decade.





Building Bonds

All bonds issued by the university are General Reserve Bonds. The interest on Revenue Bonds are primarily payable from General University Revenue. Total General Revenue Bonds payable are summarized as follows:

<u>Fiscal Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2003-2004	1,730,000	2,268,091	3,998,091
2004-2005	1,810,000	2,209,531	4,019,531
2005-2006	1,890,000	2,148,548	4,038,548
2006-2007	1,955,000	2,084,162	4,039,162
2007-2008	2,055,000	2,017,197	4,072,197
Total Five Years	\$9,440,000	\$10,727,529	\$20,167,529
Thereafter			
2008-2003	11,725,000	8,911,690	20,636,690
2013-2018	14,615,000	6,490,932	21,105,932
2018-2023	17,035,000	3,403,713	20,438,713
2023-2028	11,860,000	782,718	12,642,718
2028-2031	4,955,000	101,050	5,056,050
Total	\$69,630,000	\$30,417,632	\$100,047,632

Buildings currently obligated to the State Building Authority and lease terms are as follows:

Glen T. Seaborg Science Complex Renovation and Addition

Phase 1 100% obligated Expires 35 years from March 1, 2001 unless earlier terminated.

Phase 2 100% obligated Expires 35 years from November 1, 2001 unless earlier terminated.

Heating Plant Addition/Services Building

100% obligated Expires 35 years from February 1, 1997 unless earlier terminated.



Parking Statistics



Assessment of University Land



University Land

The University owns 678 acres comprised of 351.89 acres on the main campus, 120 acres known as the Longyear Forest in Marquette Township, and 206 acres near Mount Marquette in south Marquette. The accompanying map illustrates the property owned by NMU, as well as property within the NMU boundaries that the University will need to acquire to fulfill future expansion plans. These properties are currently under private ownership as either commercial or residential use.





NMU Facility Statistics (green map)



Section V
Facilities
Implementation
Plan



INTRODUCTION

Northern Michigan University (NMU) is one of the oldest public universities in the State of Michigan having celebrated our 100th birthday on September 19, 1999. Reaching the century milestone is an indication of our past success. Our physical plant was built in the 1960s and 1970s to meet the needs of our students of the past. To prepare our students for the future, many of NMU's east campus facilities need to be transformed to accommodate the programmatic needs of today and the continued development of a state-of-the-art learning environment.



Sam M. Cohodas Administrative Center (SCAC)

The goal of this project is to create a high quality environment for providing resources and services that support the Northern Michigan University student. Further, to introduce new program functions while efficiently utilizing the existing building structure. Programs introduced under this project include general-purpose classrooms and faculty offices for use in conjunction with the current administrative offices. Renovation should reflect an easily accessible environment for the student, faculty, administrators, and public users. The project will continue to determine the best layout for specific departments in the building and to optimize their efficiency.

Renovations and Additions to the Learning Resource Center (LRC)

This building was designed for University programs and needs that were in effect 30 years ago. Renovation of the space is key to the University's vision for development of a learning community for the 21st century and addresses the teaching and learning technologies that were not available at the time the building was constructed. The renovation will also provide for increasing library needs and expanding of the University archives. The LRC also needs to be brought up to ADA code for barrier-free access and life safety.



Attachment A

SUMMARY

FISCAL YEAR 2005 CAPITAL OUTLAY PROJECT REQUEST

<u>PRIORITY</u>	<u>PROJECT</u>	<u>TOTAL PROJECT COST</u> (in thousands)
1.	Sam M. Cohodas Administrative Center Renovation	\$ 9,800
2.	Renovations and Addition to the Learning Resources Center	\$49,415



NORTHERN MICHIGAN UNIVERSITY
FY 2005 CAPITAL OUTLAY PROJECT REQUEST
Renovations to the Sam M. Cohodas Administrative Center
Priority Ranking #1
Project Total Cost (in thousands) = \$9,800

- Is The Project a Renovation or New Construction? Ren X New
- Is There a 5-Year Master Plan Available? Yes X No
(Project will not be approved without a current 5-year plan on file with the State Budget Office)
- Are Professionally Developed Program Statements and/or Schematic Plans Available Now? Yes X No
- Are Match Resources Currently Available? Yes No X
- Has the University Identified Available Operating Funds? Yes X No

A. Project Descriptive Narrative

Located on the site of the original campus buildings, construction on the six-story Cohodas Building was completed in July 1975. The building contained most of the administrative offices, as well as student related support services departments. The original structure was named after a local produce entrepreneur and philanthropist, Sam M. Cohodas.

The renovation to the Sam M. Cohodas Administrative Center will enhance the quality of services that support the students of Northern Michigan University by changing the use of the first three floors from administrative offices to academic classrooms and faculty offices. This change in use, including those relocated academic departments and classrooms, will have a positive effect on the operation and availability of those programs to the general student population. Given this building's central location, relocation of these departmental offices will better serve the general student population.

Two floors of the current six-story structure will be renovated to accommodate classrooms ranging from 500 square fee to 1,100 square feet. Other floors renovated accommodate departmental offices, including: College of Arts and Sciences, Economics, Political Science, History/Philosophy, and the Walker L. Cisler College of Business. Departmental offices shall support both faculty and staff. Based on program changes and efficiency within the proposed renovations, those administrative offices affected include: Academic Affairs, Human Resources, Continuing Education, Controller, Finance and Administration, Telecom Operations, and Administrative Information Technology.



FY 2005 CAPITAL OUTLAY PROJECT REQUEST

Request #1 – Renovations to the Sam M. Cohodas Administrative Center *(continued)*

Modifications within Administrative areas vary from technology upgrades supporting new programs, to relocation and expansion necessary to accommodate the projected student enrollments.

Upgrades and new programs shall be supported by the latest technologies not currently existing within the fabric of the structure. The facility has been maintained well and its basic structure and building envelope remain in good condition. However, the existing building support systems are outdated and in poor condition. With the change in use, the opportunity will allow the mechanical and electrical systems be upgraded to today's standards. Based on today's barrier-free regulations and the Americans with Disabilities Act, the building requires renovation in the areas of accessibility and support facilities. Vertical circulation components, including stairways and elevators, do not meet today's standards and codes. Door hardware, access ways, signage, etc. also do not meet the requirements of today's programs.

The gross square footage of this project is approximately 97,000 square feet.

The estimated construction start date for this project would be June 2004, with an estimated completion date of August 2005.

The estimated annual operating cost for this project is \$405,200.

B. Programmatic Benefit to Institution

Northern Michigan University's (NMU) five-year strategic plan includes the Teaching, Learning, and Communication (TLC) Initiative. This capital outlay project is a part of the TLC Initiative and the continued development of a learning community for the 21st century. The University's goal is a learning environment that:

- meets student and employer needs of the information age;
- promotes the development of independent lifetime learners;
- encourages student-faculty contact and collaboration;
- provides access to technology, regardless of student's economic status;
- builds a stronger partnership with educators and community;
- provides greater opportunities and course offerings for the student.



FY 2005 CAPITAL OUTLAY PROJECT REQUEST

Request #1 – Renovations to the Sam M. Cohodas Administrative Center *(continued)*

Renovations to the Cohodas Building support several new use and programmatic needs. Over 65% of this facility will be re-developed for new use groups not currently found within the building. Other existing areas will be upgraded to provide learning environments and support to academic programs and students. It will bring much needed general purpose classrooms in direct proximity of departmental and faculty offices.

C. Economic Benefit to the State of Michigan

The proposed capital outlay project will provide the following economic benefits to both the local community and the state:

- taxpayers will benefit directly with access to advanced educational opportunities;
- taxpayers will benefit indirectly from the more highly educated students that are better prepared to make effective use of technology in the coming century;
- State of Michigan benefits through the renovation and reuse of an existing facility, thus optimizing current campus facilities in lieu of extensive cost for new comparable facilities;
- taxpayers will benefit from the additional capacity and opportunities for enrollment within the University.

D. Match Resources

1. Local and Regional sources for project:

- A. Industry contributions
- B. Development Fund

2. Bonding





NORTHERN MICHIGAN UNIVERSITY
FY 2005 CAPITAL OUTLAY PROJECT REQUEST
Renovations and Addition to the Learning Resources Center
Priority Ranking #2
Project Total Cost (in thousands) = \$49,415

Is The Project a Renovation or New Construction? Ren X New

Is There a 5-Year Master Plan Available? Yes X No
(Project will not be approved without a current 5-year plan on file with the State Budget Office)

Are Professionally Developed Program Statements and/or Schematic Plans Available Now? Yes X No

Are Match Resources Currently Available? Yes No X

Has the University Identified Available Operating Funds? Yes X No

A. Project Descriptive Narrative

The Learning Resources Center was constructed in 1966. The building was designed for University programs and needs that were in effect 30 years ago. Those needs included temporary office space for faculty which were located on the ground floor of this building. The intent was to expand the library collection to the ground floor when necessary and to create faculty offices elsewhere on campus. During the last five years, a majority of faculty have been relocated on campus. As the last of the faculty have moved from temporary offices in the Learning Resources Center, we renovated the vacated space to create a student gathering space, expanded writing center, a satellite tutoring program, consolidated the Academic Computing operations, and expanded the computer server space. These renovations are temporary in nature until the major building renovation can take place.

Renovation of the facility is key to the University's vision for development of a learning community for the 21st century. The renovation will address the teaching and learning technologies that were not available at the time the building was constructed, and which are necessary to prepare students and K-12 teachers for today and the future global economy. These technologies include:

- an interactive and multimedia instructional development center where faculty can design electronic learning environments;
- a learning classroom with capabilities to foster cooperation, communication, efficiency, and greater access to students at a distance and on-site;



FY 2005 CAPITAL OUTLAY PROJECT REQUEST

Request #2: Renovations and Addition to the Learning Resources Center *(continued)*

- a help and service center where walk-in technical assistance can be provided;
- infrastructure for K-12 and higher education cooperative learning network; and
- work areas with networked ports and power outlets for interactive research with library holdings and remote information resources.

The renovation will also provide for expanded library holdings and expansion of University archives. Renovation of the space occupied by the University's public broadcasting stations will include meeting a federal mandate to upgrade our television station from analog to digital (high definition) by year 2003.

The Learning Resources Center also needs to be brought up to today's standards for ADA barrier free access and life safety. The building requires extensive work, which includes window replacement, masonry repair, and a complete renovation of the HVAC systems. This project will additionally upgrade and renovate the building to meet current architectural, mechanical, electrical codes, and standards.

The estimated gross square footage for this project is 290,300.

The estimated construction start date for this project would be May 2005, with an estimated completion date of December 2006.

The estimated annual operating cost for this project is \$1, 212,640.

B. Programmatic Benefit to Institution

Northern Michigan University's (NMU) five-year strategic plan includes the Teaching, Learning, and Communication (TLC) Initiative. This capital outlay project is a key element to the TLC Initiative and the continued development of a learning community for the 21st century. The University's goal is a learning environment that:

- meets student and employer needs of the information age;
- promotes the development of independent lifetime learners;
- encourages student-faculty contact and collaboration;
- provides access to technology regardless of student's economic status;
- provides greater access to University resources anytime, anywhere;
- builds stronger partnerships with K-12 education.



FY 2005 CAPITAL OUTLAY PROJECT REQUEST

Request #2: Renovations and Addition to the Learning Resources Center *(continued)*

These renovations will provide students needed exposure to enhanced teaching and learning technologies that will better prepare them for the highly competitive global job market, where technology is continuing to change at an exponential rate. In addition, expansion of the University's library holdings are necessary to support academic programs, to maintain accreditation standards, and to provide the resources necessary for students to achieve their learning goals. Enhanced distance, multimedia, and interactive learning resources will increase access to location bound students in remote areas of the Upper Peninsula.

C. Economic Benefit to the State of Michigan

The proposed capital outlay project will provide the following economic benefits to both the local community and the state:

- taxpayers will benefit directly with access to advanced educational opportunities;
- taxpayers will benefit indirectly from more highly educated students that are better prepared to make effective use of technology in the coming century;
- ability to provide Upper Peninsula K-12 teachers and administrators with enhanced in-service educational opportunities;
- enhanced facilities for document preservation center would benefit taxpayers throughout the state.





FY 2005 CAPITAL OUTLAY PROJECT REQUEST

Request #2: Renovations and Addition to the Learning Resources Center (*continued*)

D. Match Resources

Federal sources available for project:

1. U.S. Department of Commerce
National Telecommunications Information Administration (NTIA)
Public Telecommunications Financial Planning (PTFP)
2. U.S. Department of Commerce
Telecommunications Information and Infrastructure Assistance Program
3. Corporation for Public Broadcasting (CPB)
Rural Stations Grant Fund Pool for Radio
4. Local and Regional Sources for project:
 - (1) Industry Contributions
 - (2) Development Fund
5. Bonding





Map of campus showing LRC and
SCAC



Status of “In-Progress” State Building Authority Projects

Renovation and Adaptive Re-use of East Campus Facilities Fine and Practical Arts Project

- \$21.23 Million Project (includes 25% NMU match)
- Approved by State Legislature April 2002
- Project is in Construction Stage.

The Fine and Practical Arts project includes an addition to the Art and Design Studios North Building, the renovation of Thomas Fine Arts facility, and a new pedestrian link from the Thomas Fine Arts facility to the Student Services Building (formerly C.B. Hedcock).

An addition to the Art and Design Studios North building is necessary to accommodate those components currently housed in both Thomas Fine Arts and Lee Hall, and to unify the Art and Design program components to one area of campus. The addition will have faculty offices, studios, classrooms, laboratories, and a gallery/exhibition area for the Art and Design department.

With the Art and Design components removed from the Thomas Fine Arts facility, the Music Department can expand to provide additional faculty offices, practice rooms, and general purpose classrooms.





Status of “In-Progress” State Building Authority Projects *(continued)*

Renovation and Adaptive Re-use of East Campus Facilities Student Services Building Project

- \$15.75 Million Project (includes 25% NMU match)
- Approved by State Legislature April 2002
- Project is in the Construction Stage.

The adaptive re-use of C.B. Hedgcock by renovation to become a student services building will provide for more student friendly support and make it a more convenient location for students by consolidating to a one-stop service center. A recital hall designed acoustically correct will benefit the University’s Music Department and general University. The facility will enhance the University’s education curriculum for the performing arts with a recital hall to accommodate both music and lecture series. The facilities would also be made accessible per American Disabilities Act (ADA) guidelines.

The departments that will be in the facility include Student Financial Aid, Housing and Residence Life, Learning Hub, Academic Career Advisement, Admissions, Dean of Students, Disability Services, Diversity Student Services, JobSearch Center, Hub Student Resource Center, Student Support Services, Honors Program, and Military Science.





UNIVERSITY PROJECTS

**Completed From November 1, 2002 to November 1, 2003
With a Total Cost Between \$500,000 - \$1,000,000**

Northern Michigan University has put into place a plan to grow our enrollment to 10,400. The University has reviewed our facilities to determine changes that would be necessary to accommodate the growth in enrollment, and to upgrade our facilities to accommodate the programmatic needs of today and the continued development of a state-of-the-art learning environment. Specific areas studied include classroom capacity, on-campus housing, dining services, and parking. The following projects will address many of the needs identified in the review.

Recreation and Sports Complex Project (Phase III):

Paved the gravel roadway circling around the north side of the Recreation and Sports Complex and installed storm sewer system, curb, and gutter. This roadway will also connect to Wright Street, which the City of Marquette will be extending in the summer of 2004. The project budget of \$560,000 was funded by an MDOT grant.



Whitman Parking Lot:

Constructed a 285-space parking lot to the east of Whitman Hall for faculty, staff, and commuters. The project budget was \$750,000.



UNIVERSITY PROJECTS

Projects Planned November 1, 2003 to November 1, 2004

With a Total Cost Over \$1,000,000

Quad II:

Renovate area to enhance student life and include a student lounge, programming rooms, meeting and study space, deli/coffee shop, and satellite student recreation center. Also, the Hunt-VanAntwerp and Magers/Meyland recreation rooms and lobbies will be renovated. This project budget is \$5.675 million. The project was approved by the Joint Capital Outlay Subcommittee on May 28, 2003.



University Center Renovation:

The Dean of Students area within the University Center will become available once the Student Services Building project is complete. This area will be renovated for the Alumni Relations and Development Fund departments. Other renovations associated with inner building office moves and future tenant build-outs will be included. Maintenance items, such as the replacement of windows, doors, roof, cooling tower, urinals, exit lighting, etc., will be completed. The estimated project budget is \$2.4 million.





UNIVERSITY PROJECTS

Projects Planned November 1, 2003 to November 1, 2004

With a Total Cost Over \$1,000,000 *(continued)*

Heating Plant Boiler Addition:

To accommodate the increased steam heating load on campus and provide greater reliability, the existing 30,000 lb/hr boiler will be replaced with a 70,000 lb/hr boiler in the Ripley Heating Plant, bringing all three boilers to the same capacity. The new boiler will provide extra capacity and redundancy for the two existing 70,000 lb/hr boilers which are 40 years old. The estimated project budget is \$1.55 million.

Heating Plant Main 15KV Electrical Switchgear Replacement:

The replacement of the switchgear with the Ripley Heating Plant will alleviate a multitude of issues within the 15KV distribution system. The age of the existing switchgear make parts difficult to obtain. By replacing this lineup of switchgear, selective device coordination will be improved, and spare cubicles can be provided to accommodate future cogeneration input and/or future required 15KV feeds out to campus. The estimated project budget is \$1.75 million.





FUTURE UNIVERSITY PROJECTS

In order to ensure that Northern Michigan University facilities can accommodate the enrollment growth plans of 10,400 students, the following projects are in the planning stages.

Bike/Ski Path:

A feasibility study is being conducted to determine if a separate bike trail system can be developed to help provide an efficient alternative to motor vehicle transportation, reduce conflicts between the increasing number of cyclist and pedestrians, and provide convenient connections to the City of Marquette's bike trail system. The study will also review the possibility of a layout providing a separate trail system for cross country skiing, again connecting the City of Marquette's proposed system.

NMU/Marquette General Hospital Study:

A joint study between NMU and Marquette General Hospital is being conducted to review the possibility of a joint parking deck and the connection of Kaye Avenue to Fair Avenue. If feasible, this connection will provide an east-west corridor link that will benefit the City, Hospital, and University.

Lee Hall Renovation:

Lee Hall is the second oldest building on campus. Renovations are planned to create an Alumni/Visitor Welcoming Center, University History Museum, and departmental offices for Alumni Relations and Development Fund. The ballroom on the second floor will be restored and a facility for catering services will be constructed. The construction and reuse of this facility will bring recognition to the University, its heritage, and participation in the community.



FUTURE UNIVERSITY PROJECTS *(continued)*

Carey Hall Renovations:

Carey Hall is the oldest building on campus and is primarily used as transitional space for displaced departments during building renovation projects. With the increased enrollment, plans are underway to restore Carey Hall back to a residence hall.

Magers Hall:

Convert Magers Hall from faculty offices back to student residence hall rooms. The renovated hall will provide an additional 260 beds. One and two room units will be available, along with several barrier-free units. Kitchenettes, laundry facilities, and lounges will be constructed for common use. The project budget is \$5.3 million.

Student Apartments:

Construct approximately 100 new student apartments to meet enrollment growth and replace the aging Summit and Center Street apartments. The new apartments will be a combination of one and two bedroom units that will be designed to accommodate both single students and families. The project budget is approximately \$10 million.



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