

Update 10/2/13

## **ATTACHMENT A**

# **OAKLAND UNIVERSITY**

## **Fiscal Year 2015 Five-Year Capital Outlay Plan**

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## **I. Mission Statement**

“As a state-supported institution of higher education, Oakland University has a three-fold mission. It offers instructional programs of high quality that lead to degrees at the baccalaureate, master’s, and doctoral levels, as well as programs in continuing education; it advances knowledge and promotes the arts through research, scholarship, and creative activity; and it renders significant public service. In all its activities, the University strives to exemplify educational leadership in a diverse and inclusive environment.”

## **II. Instructional Programming**

Oakland University (Oakland, University or OU) is a doctoral/research University located in Rochester, Michigan, within Oakland County. Through unique and distinctive academic experiences, Oakland is preparing students to make meaningful and substantial contributions to the workplace, academia and the community.

### **An Engaged University**

Oakland University is the only comprehensive, doctoral-level University located in Oakland County, Michigan. Recognized as one of the country’s 83 doctoral/research universities by the Carnegie Foundation for the Advancement of Teaching, the University offers students opportunities to work directly on research projects with expert faculty.

Through a multitude of partnerships with hospitals, Fortune 500 companies, individuals, cities, government agencies and educational institutions, Oakland helps communities solve problems and build thriving, sustainable businesses. These associations reward students with internship and co-op opportunities and provide University researchers access to the latest technology tools. Oakland’s leadership with these partnerships also significantly impacts economic development efforts and commercialization opportunities in the region.

Oakland, in partnership with Beaumont Health System, opened the first M.D.-granting medical school in Oakland County with a class of 50 inaugural students in August 2011. A second class of 75 students was welcomed in August 2012. The first new medical school started in Michigan in a generation, the Oakland University William Beaumont (OUWB) School of Medicine is expected to help boost the local and regional economies by generating new jobs and attracting medical, business and academic leaders from around the world and aid in the transition from a manufacturing to a knowledge-based economy.

The medical school trains physicians to practice 21 century medicine with an emphasis on research, technology, preventive and pre-symptom medicine, treatment and management of chronic disease, and teamwork. OUWB promotes applied research “from the bench to the bedside,” assuring that scientific discoveries and new technologies are able to directly benefit patients in the most rapid timeframe possible.

Oakland has a strong undergraduate program in the basic sciences and is widely recognized for excellence in the biomedical sciences and other health care related programs. It has a School of Nursing, a School of Health Sciences, a renowned Eye Research Institute, and highly regarded programs in bioengineering, informatics and nanotechnology as well as chemical toxicology, health and environmental chemistry, medical physics and biological communication. The schools of Nursing and Health Science are now housed in the new Human Health Building, which opened in August 2012.

Oakland University's other professional schools, Business Administration, Education and Human Services, Engineering and Computer Science, and the College of Arts and Sciences, have been recognized nationally for various accomplishments.

### **A Leading University**

Oakland is committed to providing undergraduate and graduate education marked by academic excellence, unique opportunities and beyond-the-classroom experiences in preparing future leaders, advancing research frontiers and engaging with business, educational and community partners for the benefit of the region and beyond.

Through the dedication of inspired faculty, Oakland prepares students to make meaningful and substantial contributions to society and the workplace by producing graduates who can think critically and creatively, communicate effectively, navigate and use information technology, and interact well with others.

In addition to equipping graduates with a broad base of knowledge and top-notch intellectual and experiential opportunities, Oakland is equally dedicated to the development of students in all aspects of their lives. Through a carefully thought out collection of campus life experiences, the University gives students opportunities to conduct research and participate in internship and co-op experiences.

### **A Growing University**

Oakland is among the fastest growing public universities in the state with student enrollment projections through 2020 including:

- continued enrollment growth
- increased enrollment of minority students
- an increase in graduate students, responding to new program development, greater outreach activities and advanced technology-assisted education delivery

Over the last 13 years, the University has realized a 32 percent increase in enrollment and has added more than 65 new degree programs since 1995 to strengthen educational offerings.

Members of the Oakland University community opened their hearts and their wallets, making generous gifts to the 2012 All-University Fund Drive. A total of 674 faculty, staff and retirees

contributed \$316,266. With OU President Dr. Gary Russi's match included, the amount rose to \$471,257.

Oakland has continued to keep pace with growth by providing new and advanced academic, research and support facilities, such as the:

- Science and Engineering Building
- renovation of Hannah Hall
- Elliott Hall of Business and Information Technology
- Pawley Hall of Education and Human Services
- renovation and expansion of the Oakland Center
- renovation of O'Dowd Hall to provide additional classrooms and space for the Oakland University William Beaumont School of Medicine
- Recreation Center
- renovation and restoration at Meadow Brook Hall
- renovation and technology upgrades of South Foundation Hall
- Student Technology Center: OU Writing Center
- OU Anton/Frankel Center
- First Year Advising Center
- Human Health Building, located on the northwest corner of campus and opened in August 2012

A campus master plan accounts for expected growth and includes:

- a new parking structure which will add 1,245 parking spots
- a new Engineering Center to open in fall 2014
- a new student housing complex that will accommodate over 500 students, beginning fall 2014
- a new recreation and athletic complex to be completed in fall 2014
- new headquarters for Facilities Management
- a new home for The Honors College to be located in the new student housing complex
- infrastructure improvements
- the identification of potential building sites
- a research and development park
- a new humanities facility

Several upgrades, renovations and technological improvements were recently accomplished to various classrooms, laboratories and common areas. Primary laboratories to receive complete renovation were in chemistry, biology, physics, and art and art history – all programs which have experienced large increases in student enrollment or are key components of Oakland biomedical and health care academic offerings.

## **Applied Research and Economic Development**

Oakland offers knowledge, resources and programs that help companies grow. With its research labs, facilities, faculty and students, the University assists companies in transforming ideas into new business developments, turning dreams into reality and giving vitality to vision. The University is committed to assisting startups and spin-offs to locate and secure technology development, business planning and capital acquisition as well as providing opportunities for the licensing of Oakland University's intellectual assets. To foster emerging discoveries, the University features several noted research centers, including the:

- OU SmartZone Business Incubator
- Fastening and Joining Research Institute (FAJRI)
- Center for Robotics and Advanced Automation
- Eye Research Institute (ERI)
- Center for Integrated Business Research and Education (CIBRE)
- Center for Biomedical Research
- Prevention Research Center
- Center for Autism Research, Education and Support (OUCARES)
- Clean Energy Research Center

**OU SmartZone Business Incubators:** OU INC is a SmartZone Business Incubator/Accelerator, in collaboration with the City of Rochester Hills and Michigan Economic Development Corporation, and partners with Oakland County and Automation Alley. OU INC provides entrepreneurial resources and strategic business solutions for developing business ventures and accelerates ideas to market. It fosters a healthy environment for the growth of new startup companies as well as provides support for existing entities through its facility and resources. The OU INC facility includes business resources, the Clean Energy Research Center and an Integrated Resource Center as well as access to the expertise and skills of staff, faculty, students and corporate partners.

The Macomb-OU INCubator provides entrepreneurial resources, business solutions, access to student interns and proactive support to businesses at every stage in an effort to help startups on their path to success. The goal of the incubator is to create jobs and advance the development of business with obtaining necessary financing for growth, business strategy, consultation, access to appropriate rental space, shared business services, and equipment and technology support services in the areas of defense, homeland security, advanced manufacturing and technology. It is a part of the Velocity Collaboration Center, a joint venture between Oakland University, Macomb County and the City of Sterling Heights.

**Fastening and Joining Research Institute (FAJRI):** A collaboration between Oakland University, the U.S. Congress, the U.S. Army Tank Automotive Research and Engineering Center (TARDEC), the National Science Foundation and Chrysler Corporation, FAJRI is an externally funded, academic, nonprofit research facility that is solely dedicated to exploring fundamental and applied research to develop and disseminate new technology for the fastening and joining of materials such as: metals, composites, polymers, and bio materials.

**Center for Robotics and Advanced Automation:** Funded by the National Science Foundation, the Big Three automotive companies and the Department of Defense, the center works on smart control technology with industrial and defense applications, intelligent robotics, homeland security technology, suspension systems, digital shearography, and global satellite communication technology and systems.

**Eye Research Institute (ERI):** This unique center of ophthalmic research collaborates with the department of ophthalmology at Beaumont Health System on research and provides a joint ophthalmology residency and fellowship program. Since 1968, ERI scientists have received more than \$50 million in support from private and federal health agencies.

**Center for Biomedical Research:** This center provides core facilities and pilot funding for the applied biomedical research efforts of Oakland University's life scientists. Key research includes eye diseases, chemical toxicology, medical physics and biological communication.

## **Partnerships**

Oakland has leveraged its unique Auburn Hills/Rochester Hills/Rochester location in the heart of Michigan's technology and automotive corridor by forging strategic partnerships with hospitals, Fortune 500 and international companies, individuals, cities, government agencies, and educational institutions, from Southeast Michigan to other countries. The benefits of these associations are far reaching: students are rewarded with internship and co-op opportunities, University researchers have access to the latest technology tools, and the region benefits through new business opportunities and a stronger economy.

**Community College Partnership Programs:** Oakland University has partnered with area community colleges to create the first joint admissions and concurrent enrollment programs in the state of Michigan. These partnerships offer students expanded resources, tuition savings and maximum flexibility on the path to an OU bachelor's degree. Partners include Macomb Community College, Mott Community College, Oakland Community College and St. Clair County Community College.

**Eugene Applebaum College of Pharmacy and Health Sciences:** An alliance between Oakland University's School of Health Sciences and Wayne State University (WSU) provides Oakland's undergraduates a unique opportunity to earn a doctorate in pharmacy. Students can earn their bachelor's degree at OU taking pre-pharmacy courses. Their senior year at OU, students take pharmacy classes at WSU. Their senior year at OU is also their first year at WSU, giving students the opportunity to complete a doctoral program in seven years instead of eight, saving both time and money.

**Crittenton Hospital Medical Center:** Crittenton Hospital Medical Center has funded a \$2 million endowed professorship in Oakland University's School of Nursing that is changing the clinical education and training of nursing students. The nursing professorship conducts patient-focused research on the science and best practices of nursing, an area that has not received much attention to date. Students in the program conduct all of their clinical rotations at Crittenton Hospital Medical Center using the relationship-based care (RBC) model. RBC moves from an individual expert dynamic to one of engaging the patient, identifying options, relaying experiences and empowering the patient and his/her family to make the best treatment decisions.

**OU Anton/Frankel Center:** Oakland University expanded its reach in Macomb County with the opening of the Anton/Frankel Center (AFC) in fall 2011. With 25,422 square feet of space to house classrooms, offices for advising, student support services, faculty and staff, the AFC signals OU's continued commitment to bringing exceptional academic opportunities to the people of Macomb County. Programs offered at the AFC include bachelor's degrees in criminal justice, psychology, marketing and social work; and master's degrees in public administration and business administration.

**The University of Botswana:** Oakland University's Department of Counseling in the School of Education and Human Services, in partnership with the University of Botswana (UB), provides student and faculty exchanges, video conferences and partnerships in research, scholarship, teaching and service.

**Israel's Max Stern Academic College:** Oakland University offers global experiences for students and faculty through myriad overseas programs including a new partnership with Max Stern Academic College in Emek Yezreel, Israel. Students and faculty on both campuses will experience different cultures through research opportunities, academic coursework and student life.

**Cooley Law School:** Oakland University and Cooley Law School have enjoyed a successful partnership since 2002, when Cooley first offered its Juris Doctor (JD) law program on Oakland's campus. The recently opened Thomas M. Cooley Law School-Auburn Hills campus is the exclusive educational partner law school of Oakland University.

**The Pawley Learning Institute:** Established through a gift from Dennis Pawley, OU alumnus and former chair of the OU Board of Trustees, the Pawley Learning Institute provides instruction and research on concepts and training that improve organizational practices in business, education and public service sectors.



**Applied Technology in Business:** This program combines a rigorous education with hands-on training in the application of information technology in business. Students earn a scholarship along with a minor degree in Applied Technology in Business while tackling projects on-site at sponsoring organizations over the course of two years.

**St. John Health Providence System at Riverview:** Oakland continues to find new ways to fill Michigan's allied health professional and nursing pipeline. Through this partnership, students in the Patient Care Technician, Certified Nursing Assistant, Licensed Practical Nurse and Accelerated Second Degree Nursing programs take lecture and clinical laboratory courses at the Riverview Institute of Oakland University, the former St. John Riverview Hospital in Detroit.

**Undergraduate research opportunities:** More than 100 undergraduate students have earned Undergraduate Student Research Awards, working closely with faculty mentors to gain valuable hands-on research experience. The awards provide up to \$2,000 and travel opportunities to present student research results at regional, national and international conferences.

### **Instructional Technology**

Access to user friendly instructional technology resources in the classrooms are a standard expectation of Oakland's faculty and students. All general purpose classrooms and a growing number of conference rooms and labs are equipped with enhanced instructional technology resources.

University classrooms are equipped with the following:

- Multimedia workstation containing: a PC computer hardwired to campus network; a digital document camera; an electronic whiteboard; a DVD player; an interface to plug in a user provided laptop computer or mobile display, an interface to plug in an accessory analog audio/video device; sound system; and an electronic media control system
- Ceiling mounted video/data projection system connected to the multimedia workstation
- Wireless network access
- A lecture capture system (Panopto) is also available to record classroom instruction and post recordings online for student review
- Room microphones and video cameras are currently being added

Oakland continues to expand its course offerings via distance education. The three modes of delivery include live interactive video, synchronous and asynchronous web-based learning opportunities.

The Internet is the current transmission vehicle for the University's live two-way compressed video course offerings. The ongoing development and interest in online learning courses and programs has reduced the need to utilize the more expensive live interactive video distance

learning model and thus there is less of a need to maintain high cost video conferencing appliance based systems and resources.

A software based video collaboration tool called Vidyo is also available for the University community to conduct business at a distance. These types of technologies save time and money by providing a communications tool that allows for the sharing of voice, video and content between two or more computers or mobile devices. The growth in web based learning models will continue to expand in the foreseeable future.

Oakland University supports a web-based Course Management System (CMS) solution utilizing Moodle. Moodle can be used as a full "web based" solution where no face-to-face teaching is required or as a "web supplemented" course resource that enhances the standard face-to-face classroom contact between faculty and students. Moodle offers online activities such as discussion boards, chat, quizzes, grade book, file storage and display, RSS feeds, wikis, journals, workshops, automated lessons. Moodle will also be the portal to access lecture capture recordings. We also support another separate instance of Moodle that is our e-Portfolio. It includes digital space for student career Portfolios. A third instance of Moodle is called e-Space that contains department assessment activities, research, academic committees, advising, and other miscellaneous academic activities.

Elluminate is a web-based synchronous learning, video-conferencing solution Oakland is offering where students are able to participate in live class meetings from any computer connected to the Internet. Another teaching tool is Second Life, an experimental island where several faculty meet their classes.

During the Winter 2013 term, Oakland offered 231 course sections that are fully online and approximately one third of all course sections are providing some level of web supplemented activity. Oakland also offers fifteen online degree and certificate programs.

Scantron machines, i-Clicker, and other software are also supported centrally for grading exams and processing course evaluations.

### **Technological Enhancements**

Oakland University is dedicated to enhancing education through the use of contemporary and emerging technologies and continues to commit significant resources to technological enhancements, including:

- Complete administrative software suite.
- On-line registration.
- Extensive wired and wireless network to all classroom buildings and surroundings.
- Elliott Hall of Business and Information Technology, a \$17.5-million, 74,000-square foot, technology-rich facility.
- The Pawley Hall of Education & Human Services Building with 24 enhanced technology classrooms and an all digital video recording, playback and archive system in the School's Counseling Center.

- Interactive television and video conferencing capability to supplement instruction and administrative program activity.
- On-line web-based course offerings to students utilizing Moodle, a course management software (CMS).
- Other teaching and learning software, such as Panopto, CourseWeb, Scantron, Turnitin, Second Life, Camtasia, I-clicker, and Visual Communicator.
- A new Information Commons was developed in Kresge Library adding a significant number of computer work stations for the patrons.
- A remodel of O'Dowd Hall was completed to become the initial home of the new Oakland University William Beaumont School of Medicine, including the addition of many new technology enhancements.
- An off-site School of Nursing instructional center was developed at the St. Johns Riverview Hospital location in Detroit including the creation of 5 technology enhanced classrooms.
- Renovation of the two-story Anton/Frankel Center in Mount Clemens provides Oakland with a third Macomb County location with an additional 25,422 square feet of space. The new center will provide classrooms as well as offices for advising, student support services, faculty and staff.
- Major classroom renovation projects that included significant technology enhancement in older campus buildings continue to be a priority objective.
- A new Health and Human Building was opened providing the University community with the most up-to-date all digital classroom technology systems within all instructional spaces, a state-of-the-art Nursing SIM lab, and many technology enhancements within specialty laboratories.

### **Helpdesk Operations**

Oakland University is moving toward a centralized Help Desk model which supports all desktop, instructional and information technology service needs throughout the Institution. The Help Desk service operation is open extended hours six days a week.

### **Cultural and Performing Arts**

Oakland's contribution to the arts has moved beyond local boundaries to secure a place of prominence in the region. Historically, OU has had a strong performing arts program with record-high enrollment numbers.

The Department of Music, Theatre and Dance offers more than 100 student and faculty performances throughout the school year. Guests enjoy everything from musicals and intimate recitals to experimental plays and innovative dance performances. OU has earned a reputation for taking artistic risks, developing gifted artists, nurturing arts partnerships and achieving new heights of quality and professionalism.

Meadow Brook Hall is the sixth largest historic house museum in the United States and is renowned for its superb craftsmanship, architectural detailing and grand scale. Built between 1926 and 1929 as the residence of Matilda Dodge Wilson (widow of auto pioneer John

Dodge) and her second husband, lumber broker Alfred G. Wilson, the 110-room, 88,000-square-foot, Tudor-revival style mansion is complete with vast collections of original art and furnishings. The U.S. Department of the Interior last year designated The Hall a National Historic Landmark, the highest recognition for historic properties in the United States.

The Oakland University Art Gallery (OUAG), housed in the Department of Art and Art History, continues to garner critical acclaim for the quality and scope of its exhibitions. For more than 40 years, the OUAG has delivered diverse, museum-quality art to Metro Detroit audiences. From September to May, the OUAG presents up to six different exhibitions – from cutting-edge contemporary art to projects exploring historical and global themes. The gallery also offers lectures, performances, tours, special events and more. More than 16,000 visit OUAG each year to experience art and cultural programs.

Outdoor summer amphitheater Meadow Brook Music Festival hosts today's top concerts including rock, alternative, adult contemporary, pop, country, and rhythm and blues; a wine and food festival; stand-up comedians; and family entertainment.

### **Community Outreach**

In the nearly 10 years since Oakland University initiated a formal partnership with the City of Rochester through the Rochester Downtown Development Authority (DDA), much has been accomplished with new initiatives added over time. Oakland considers Rochester its "hometown community" based on its long history with the city dating to the university's founding.

The partnership presents many opportunities for the OU community to benefit from joint educational and cultural programming. Areas of emphasis for students, faculty and alumni have included: employment, internships, research and development projects, business development assistance, community service projects, promotions and business discounts, and opportunities to showcase the arts, theatre and music to complement classroom work.

Students are involved in downtown Rochester events, including the annual Rochester Hometown Christmas Parade. Students, alumni, faculty and staff enjoy discounts at dozens of participating stores and restaurants through the OU GO card. The University also partners with the Rochester Regional Chamber of Commerce for joint programming and assistance. Oakland proudly partners with its other neighboring communities including Auburn Hills, Pontiac and Rochester Hills.

OU and the City of Pontiac have a long history together through programs such as GEAR UP (Gaining Early Awareness and Readiness for Undergraduate Programs), which helps students in the Pontiac as well as Oak Park school districts; Project Upward Bound, which helps 120 students each year finish high school and develop the social and cultural skills needed to realize their dreams and succeed in college and society; and through the Wade H. McCree Jr. Incentive Scholarship program, which assures that students who meet specific

criteria will be awarded a full-tuition scholarship to Oakland when they graduate from high school.

Oakland University-Macomb County is involved in various community service efforts, including sponsorship of and participation in Turning Point's annual fundraising event and Tara Grant Memorial Walk/Run, the annual KnowResolve Suicide Prevention Be Aware Walk, and the Let's Move Festival of the Races in downtown Mount Clemens. In addition, this year more than 50 Oakland University students and staff, including the OU Dance team, Cheer team and the Grizz, participated in the annual Macomb County Santa Parade.

### **Academic and Student Life Enhancements**

All students should have the benefit of academic support services, especially mentoring and small learning communities, aimed at helping them make the necessary academic and social adjustments to achieve collegiate success.

OU's First Year Advising Center connects new students with university advisers, peer mentors, graduate assistants, faculty and various support services on campus to provide a more effective student experience, especially during the critical first year.

The Oakland University Trustee Academic Success (OUTAS) scholarship program is a national model for retaining and graduating a diverse group of high-achieving university students. OUTAS was established to counter the declining rates of minority retention, graduation and student performance.

The Writing Center in Kresge Library, established through a leadership gift from OU Professor Emeritus of English Joan Rosen, assists hundreds of students each year. The Writing Center provides assistance to students to develop and incorporate effective writing and communications skills in all subject areas.

Oakland's Honors College offers highly motivated students seeking a rich, valuable and challenging undergraduate education an intimate, intellectually friendly and challenging atmosphere. Small classes average 10 to 20 students and allow for more interaction between the professor and other students. The program offers a specially designed core of general education courses in art, literature, western civilization, social science, global perspectives, mathematics, logic, computer science, natural science and technology.

Oakland's Student Technology Center serves as a digital hub for the promotion, instruction and support of technology literacy. Through the center, professional system specialists, combined with undergraduate student technology mentors, provide training and support in one-on-one or group sessions to students. This support helps students become proficient in technology, complete coursework in various disciplines, conduct university-related business transactions and work-related tasks, and improve personal growth skills.

OU has more than 250 student organizations that encourage student involvement and social opportunities.

The Recreation and Athletics Center hosts a number of activities throughout the year in which students may get involved, including intramural and club sports, group exercise classes and wellness-related programs. This multi-purpose facility draws more than 5,000 participants a week for recreational sports programs, and hosts sellout crowds at men's basketball games.

New outdoor recreation and athletics facilities, scheduled for completion in fall 2014, will accommodate NCAA Division I athletic events including tennis and track and field meets, club and intramural sports competitions, and a variety of fitness and recreational activities welcoming university students, faculty, staff and community visitors.

## UNDERGRADUATE DEGREE PROGRAMS

### College of Arts and Sciences (102) Bachelor of Arts – CASBA (59)

|      |   |
|------|---|
| 2810 | Anthropology  |
| 2815 | Anthropology – Modified w/Concentration in Linguistics      |
| 1055 | Art History   |
| 1105 | Biology   |
| 1230 | Chemistry   |
| 1450 | Cinema Studies  |
| 2705 | Communication   |
| 2715 | Communication – Modified w/Concentration in Linguistics     |
| 1420 | Creative Writing  |
| 2876 | Criminal Justice w/ Special in Law Enforcement              |
| 2877 | Criminal Justice w/ Special in Courts                       |
| 2878 | Criminal Justice w/ Special in Corrections/Treatments       |
| 2879 | Criminal Justice w/ Special in Juvenile Justice             |
| 2880 | Criminal Justice w/ Special in Info. Security and Assurance |
| 2881 | Criminal Justice w/ Special in Homeland Security            |
| 2290 | Dance   |
| 1610 | East Asian Studies – China                                  |
| 1615 | East Asian Studies – Japan                                  |
| 3700 | Economics   |
| 1405 | English   |
| 1410 | English – Modified w/Concentration in Linguistics           |
| 1980 | French Language and Literature                              |
| 1985 | French – Modified   |
| 2015 | German w/Concentration in German Studies                    |
| 2010 | German Language and Literature                              |
| 2020 | German – Modified   |
| 1096 | Graphic Design  |
| 1505 | History   |
| 1045 | Independent Major   |
| 2510 | International Relations                                     |
| 2040 | Japanese Language and Literature                            |
| 2045 | Japanese – Modified   |
| 2735 | Journalism  |
| 2060 | Latin American Language and Civilization                    |
| 1625 | Latin American Studies                                      |
| 1700 | Liberal Studies   |
| 1705 | Linguistics   |
| 1710 | Linguistics – Modified                                      |
| 1805 | Mathematics   |
| 2205 | Music   |
| 2375 | Philosophy  |
| 2405 | Physics   |
| 2515 | Political Science   |
| 2605 | Psychology  |
| 2615 | Psychology – Modified w/Concentration in Linguistics        |
| 2820 | Sociology   |
| 2805 | Sociology/Anthropology                                      |
| 2825 | Sociology – Modified w/Concentration in Linguistics         |

2830 Sociology – w/Specialization in Criminal Justice (2 + 2)  
2100 Spanish Language and Literature  
2110 Spanish – Modified  
1070 Studio Art  
1075 Studio Art – Specialization in Drawing  
1090 Studio Art - Specialization in New Media  
1080 Studio Art – Specialization in Painting  
1085 Studio Art – Specialization in Photography  
2294 Theatre  
2130 Two Modern Languages  
2870 Writing and Rhetoric  
2865 Women and Gender Studies

**Bachelor of Fine Arts – BFA (4)**

2283 Acting  
2290 Dance  
2285 Musical Theatre  
2296 Theatre Design & Technology

**Bachelor of Music – BM (7)**

2270 Choral/General Music Education  
2279 Choral/General Music Education/Performance  
2272 Instrumental/General Music Education  
2278 Instrumental/General Musical Education Performance  
2265 Music – Instrumental Performance  
2245 Music – Piano Performance  
2240 Music – Vocal Performance

**Bachelor of Science – CASBS (12)**

1835 Applied Statistics  
1225 Biochemistry  
1105 Biology  
1125 Biology – Modified w/Specialization in Anatomy  
1120 Biology – Modified w/Specialization in Cell-Molecular Biology  
1130 Biology – Modified w/Specialization in Microbiology  
Biomedical Sciences  
1905 Actuarial Science  
1230 Chemistry  
1805 Mathematics  
2420 Medical Physics  
2405 Physics  
2530 Public Administration and Public Policy

**Bachelor of Science – ENVSCI (3)**

1252 Environmental Science/Specialization Sustainability and Res. Mgt.  
1257 Environmental Science/Specialization in Environmental Health  
1266 Environmental Science

**Bachelor of Social Work – BSW (1)**

2860 Social Work

**K-12 Educational Programs (10)**

1992 French w/K-12 Certification  
2027 German w/K-12 Certification



- 2047 Japanese w/K-12 Certification
- 2122 Spanish w/K-12 Certification
- 1071 Studio Art/K-12
- 1076 Studio Art – w/K-12 Specialization in Drawing
- 1091 Studio Art – w/K-12 Specialization in New Media
- 1081 Studio Art – w/K-12 Specialization in Painting
- 1086 Studio Art – w/K-12 Specialization in Photography
- 1093 Studio Art – w/K-12 Specialization in Graphic Design

**Secondary Education Programs (6)**

- 1140 Biology w/Secondary
- 1240 Chemistry w/Secondary
- 1430 English w/Secondary
- 1515 History w/Secondary
- 1825 Mathematics w/Secondary
- 2430 Physics w/Secondary

**School of Business Administration (9)**

**Bachelor of Science – SBABS (9)**

- 3100 Accounting
- 3705 Business Economics
- 3700 Economics
- 3200 Finance
- 3300 General Management
- 3400 Human Resource Management
- 3500 Management Information Systems
- 3600 Marketing
- 3806 Operations Management

**School of Education and Human Services (2)**

**Bachelor of Science (2)**

- 4120 Elementary Education
- 4320 Human Resource Development

**School of Engineering and Computer Science (6)**

**Bachelor of Science (2)**

- 5020 Computer Science
- 5070 Information Technology

**Bachelor of Science in Engineering (4)**

- 5120 Computer Engineering
- 5140 Electrical Engineering
- 5185 Industrial & Systems Engineering
- 5160 Mechanical Engineering

**School of Health Sciences (11)**

**Bachelor of Science (11)**

- 6070 Applied Health Sciences
- 6161 Biomedical Diagnostic and Therapeutic Sciences
- 6020 Health Sciences
- 6167 BDTS: Medical Laboratory Science
- 6162 BDTS: Cytotechnology
- 6163 BDTS: Histotechnology
- 6165 BDTS: Nuclear Medical Technology
- 6166 BDTS: Radiation Therapy
- 6168 BDTS: Radiologic Technology
- 6041 Occupational Safety and Health

6050 Wellness, Health Promotion, and Injury Prevention

**School of Nursing (2)**

**Bachelor of Science in Nursing (2)**

7020 Nursing

7040 Nursing (Completion Sequence)

**University Programs (1)**

**Bachelor of Integrative Studies (1)**

7605 Integrative Studies

**Bachelor of Science Offered Jointly between the College of Arts and Sciences  
and School of Engineering and Computer Science (3)**

5050 Engineering Biology

5040 Engineering Chemistry

5060 Engineering Physics

**Bachelor of Science Offered Jointly between the College of Arts and Sciences  
and School of Business Administration (1)**

1905 Actuarial Science

## **UNDERGRADUATE CONCENTRATIONS AND MINORS**

**UNDERGRADUATE CONCENTRATIONS (24)**

2885 Addiction Studies

1435 American Studies

2850 Archaeology

1270 Environmental Studies

6240 Exercise Science

1995 French Studies

2016 German Studies

2887 Gerontology

6030 Health Behavioral Sciences

6073 Health Information Technology

6023 Integrative Holistic Medicine

1705 Linguistics

6071 Medical Assistant

6055 Nutrition and Health

6075 Occupational Therapy Assistant

6076 Physical Therapist Assistant

6021 Pre-Health Professional

1152 Pre-Medical Studies in Med/Den/Opt/Vet

6022 Pre-Pharmacy

6015 Pre-Physical Therapy

1150 Pre-Professional Studies in Med/Den/Opt/Vet and Physician Assistant

2856 Religious Studies

6072 Respiratory Therapy

6074 Surgical Technology

2855 Urban Studies

## **UNDERGRADUATE MINORS (99)**

|      |                                    |
|------|------------------------------------|
| 3100 | Accounting                         |
| 2740 | Advertising                        |
| 1605 | African-American Studies           |
| 2810 | Anthropology                       |
| 1810 | Applied Mathematics                |
| 4355 | Applied Leadership Skills          |
| 1835 | Applied Statistics                 |
| 3810 | Applied Technology in Business     |
| 1055 | Art History                        |
| 1105 | Biology                            |
| 1140 | Biology – Secondary Teaching       |
| 2746 | Broadcasting                       |
| 3840 | Business                           |
| 1230 | Chemistry                          |
| 1240 | Chemistry – Secondary Teaching     |
| 2889 | Child Welfare                      |
| 1610 | East Asian Studies – China         |
| 1615 | East Asian Studies – Japan         |
| 1956 | Chinese Language                   |
| 1955 | Chinese Language and Civilization  |
| 2841 | Christianity Studies               |
| 1450 | Cinema Studies                     |
| 2705 | Communication                      |
| 5020 | Computer Science                   |
| 5021 | Computing                          |
| 1420 | Creative Writing                   |
| 2290 | Dance                              |
| 2292 | Dance – Secondary Teaching         |
| 3700 | Economics                          |
| 4351 | Employment Systems and Standards   |
| 1405 | English                            |
| 1721 | English as a Second Language       |
| 3850 | Entrepreneurship                   |
| 1266 | Environmental Science              |
| 6240 | Exercise Science                   |
| 3200 | Finance                            |
| 1981 | French Language                    |
| 1980 | French Language and Literature     |
| 3315 | General Business                   |
| 2011 | German Language                    |
| 2010 | German Language and Literature     |
| 2016 | German Studies                     |
| 2025 | German – Secondary Teaching        |
| 1095 | Graphic Design                     |
| 1505 | History                            |
| 1515 | History – Secondary Teaching       |
| 4320 | Human Resource Development         |
| 3400 | Human Resources Management         |
| 3302 | International Management           |
| 2510 | International Relations            |
| 5070 | Information Technology             |
| 2842 | Islamic Studies                    |
| 2037 | Japanese Language                  |
| 2035 | Japanese Language and Civilization |
| 2040 | Japanese Language and Literature   |

2350 Jazz Studies  
2735 Journalism  
2843 Judaic Studies  
1625 Latin American Studies  
1705 Linguistics  
3500 Management Information Systems  
3600 Marketing  
1805 Mathematics  
1825 Mathematics – Secondary Teaching  
1635 Middle Eastern Studies  
2748 Multimedia  
2205 Music  
6055 Nutrition and Health  
6041 Occupational Safety and Health  
3806 Operations Management  
2375 Philosophy  
2405 Physics  
2430 Physics – Secondary Teaching  
2515 Political Science  
2520 Political Science – Secondary Teaching  
2605 Psychology  
2742 Public Relations  
2530 Public Administration and Public Policy  
3800 Quantitative Methods  
1631 Russian and East European Studies  
2820 Sociology  
1620 South Asian Studies  
2101 Spanish Language  
2100 Spanish Language and Literature  
2120 Spanish – Secondary Teaching  
1070 Studio Art  
1720 Teaching English as a Second Language in Linguistics  
2294 Theatre  
1147 Three Science  
4900 Training and Development  
1146 Two Science  
6050 Wellness, Health Promotion, and Injury Prevention  
2865 Women and Gender Studies  
2870 Writing and Rhetoric  
2355 World Music

## GRADUATE DEGREE PROGRAMS

### Doctor of Philosophy (14)

|        |   |
|--------|---|
| PH1900 | Applied Mathematical Sciences                           |
| PH1115 | Biomedical Sciences: Biological Communication           |
| PH1350 | Biomedical Sciences: Health and Environmental Chemistry |
| PH2490 | Biomedical Sciences: Medical Physics                    |
| PH5030 | Computer Science and Informatics                        |
| PH4951 | Education: Educational Leadership                       |
| PH4950 | Education: Counseling                                   |
| PH4952 | Education: Early Childhood Education                    |
| PH5160 | Mechanical Engineering                                  |
| PH2305 | Music Education   |
| PH4940 | Reading Education                                       |
| PH5180 | Systems Engineering                                     |
| PH5540 | Electrical and Computer Engineering                     |
| PH2605 | Psychology  |

### Doctor of Physical Therapy (2)

|        |
|--------|
| DP6220 |
| DP6221 |

### Doctor of Science in Physical Therapy (1)

|        |
|--------|
| DS6220 |
|--------|

### Doctor of Nursing Practice (1)

|        |
|--------|
| DN7400 |
|--------|

### Doctor of Medicine (1)

|        |
|--------|
| MD9100 |
|--------|

### Education Specialist (2)

|        |                                  |
|--------|----------------------------------|
| ED4705 | Early Education and Intervention |
| ES4650 | Leadership                       |

### Master of Arts (7)

|        |                |
|--------|----------------|
| MA1105 | Biology        |
| MA2710 | Communications |
| MA4400 | Counseling     |
| MA1405 | English        |
| MA1505 | History        |
| MA1705 | Linguistics    |
| MA1805 | Mathematics    |

### Master of Arts in Liberal Studies (1)

|        |
|--------|
| MA1700 |
|--------|

### Master of Accounting (1)

|        |
|--------|
| MA3100 |
|--------|

**Master of Arts in Teaching (3)**

|        |                           |
|--------|---------------------------|
| MT4120 | Elementary Education      |
| MT4500 | Reading and Language Arts |
| MT4220 | Secondary Education       |

**Master of Business Administration (2)**

|        |
|--------|
| MB3900 |
| MB3901 |

**Master of Education (6)**

|        |                             |
|--------|-----------------------------|
| ME4668 | Higher Education Leadership |
| ME4700 | Early Childhood Education   |
| ME4610 | Educational Leadership      |
| ME4620 | Educational Studies         |
| ME4800 | Special Education           |
| ME4615 | Teacher Leadership          |

**Master of Music (7)**

|        |                          |
|--------|--------------------------|
| MM2335 | Conducting               |
| MM2345 | Instrumental Performance |
| MM2305 | Music Education          |
| MM2320 | Piano Pedagogy           |
| MM2325 | Piano Performance        |
| MM2310 | Vocal Pedagogy           |
| MM2315 | Vocal Performance        |

**Master of Public Administration (1)**

|        |
|--------|
| MP2560 |
|--------|

**Master of Science (19)**

|        |   |
|--------|---|
| MS1835 | Applied Statistics                              |
| MS1105 | Biology   |
| MS1230 | Chemistry                                       |
| MS5020 | Computer Science                                |
| MS5540 | Electrical and Computer Engineering             |
| MS5620 | Embedded Systems                                |
| MS5560 | Engineering Management                          |
| MS6240 | Exercise Science                                |
| MS5185 | Industrial and Systems Engineering              |
| MS1860 | Industrial Applied Mathematics                  |
| MS3550 | Information Technology Management               |
| MS5160 | Mechanical Engineering                          |
| MS5545 | Mechatronics                                    |
| MS6220 | Physical Therapy                                |
| MS2405 | Physics   |
| MS6045 | Safety Management                               |
| MS5600 | Software Engineering and Information Technology |
| MS5180 | Systems Engineering                             |
| MS2605 | Psychology                                      |

**Master of Science in Nursing (5)**

|        |   |
|--------|---|
| MS7270 | Adult Gerontological Nurse Practitioner |
| MS7280 | Family Nurse Practitioner               |
| MS7220 | Nurse Anesthesia                        |
| MS7290 | RN to MSN                               |

**Master of Training and Development (1)**

MD4900

**Master of Public Health (1)**

MH6300

**Graduate Certificate (25)**

|        |  |
|--------|--|
| GC4551 | Advanced Microcomputer Applications                    |
| GC4820 | Autism Spectrum Disorder                               |
| GC1107 | Biomedical Sciences                                    |
| GC6245 | Clinical Exercise Science                              |
| GC7266 | Clinical Nurse Leadership                              |
| GC6248 | Complementary Medicine and Wellness                    |
| GC2335 | Conducting   |
| GC6246 | Corporate and Worksite Wellness                        |
| GC6240 | Exercise Science                                       |
| GC2345 | Instrumental Performance                               |
| GC4625 | International Education                                |
| GC4550 | Microcomputer Applications                             |
| GC2305 | Music Education  |
| GC6233 | Neurological Rehabilitation                            |
| GC7285 | Nursing Education                                      |
| GC6230 | Orthopedic Manual Physical Therapy                     |
| GC6232 | Orthopedics  |
| GC6231 | Pediatric Rehabilitation                               |
| GC2320 | Piano Pedagogy   |
| GC2325 | Piano Performance                                      |
| GC1880 | Statistical Methods                                    |
| GC6234 | Teaching and Learning for Rehabilitation Professionals |
| GC1720 | Teaching English as Second language                    |
| GC2310 | Vocal Pedagogy   |
| GC2315 | Vocal Performance                                      |

**Post Masters Graduate Certificate (29)**

|        |  |
|--------|--|
| PM3100 | Accounting                                     |
| PM7271 | Adult Gerontological Nurse Practitioner        |
| PM4561 | Advanced Reading, Language Arts and Literature |
| PM3706 | Business Economics                             |
| PM4661 | Central Office Administration                  |
| PM2335 | Conducting                                     |
| PM2564 | Court Administration                           |
| PM2569 | Criminal Justice Leadership                    |
| PM3851 | Entrepreneurship                               |
| PM7281 | Family Nurse Practitioner                      |

|        |                                       |
|--------|---------------------------------------|
| PM3201 | Finance                               |
| PM3301 | General Management                    |
| PM2566 | Health Care Administration            |
| PM4670 | Higher Education                      |
| PM3401 | Human Resources Management            |
| PM2346 | Instrumental Performance              |
| PM3306 | International Business                |
| PM2568 | Local Government Management           |
| PM3501 | Management Information Systems        |
| PM3601 | Marketing                             |
| PM2305 | Music Education                       |
| PM2567 | Nonprofit Organization & Management   |
| PM7221 | Nurse Anesthesia                      |
| PM2320 | Piano Pedagogy                        |
| PM2326 | Piano Performance                     |
| PM3807 | Production/Operations Management      |
| PM4560 | Reading, Language Arts and Literature |
| PM2311 | Vocal Pedagogy                        |
| PM2315 | Vocal Performance                     |



### III. Staffing and Enrollment

The following tables and graphs are provided:

Figure 1 - Faculty and Staff Full Time Equivalent (FTE) by Program, FY 2011-12

This chart shows the FTE for faculty, administration and clerical/service for both instructional disciplines and non-instructional program classes.

|       |                            | <b>FACULTY</b> | <b>ADMINISTRATION</b> | <b>CLERICAL AND SERVICE</b> |
|-------|----------------------------|----------------|-----------------------|-----------------------------|
| 5     | AREA STUDIES               | 13.51          | 0.23                  | 0.66                        |
| 9     | COMMUNICATION              | 39.82          | 0.09                  | 1.06                        |
| 11    | COMPUTERS                  | 18.41          | 4.97                  | 3.02                        |
| 13    | EDUCATION                  | 105.30         | 8.97                  | 11.87                       |
| 14    | ENGINEERING                | 41.67          | 10.33                 | 5.22                        |
| 16    | FOREIGN LANGUAGES          | 48.08          | 0.51                  | 2.88                        |
| 23    | ENGLISH & LETTERS          | 82.74          | 1.85                  | 4.10                        |
| 24    | LIBERAL ARTS               | 6.72           | 1.36                  | 2.17                        |
| 25    | LIBRARY                    | 0.50           | 0.00                  | 0.00                        |
| 26    | BIOLOGY                    | 37.88          | 7.90                  | 5.22                        |
| 27    | MATH                       | 37.50          | 5.51                  | 2.84                        |
| 30    | MULTI/INTERDISCIPLINARY    | 1.09           | 0.00                  | 0.00                        |
| 31    | PARKS RECREATION & FITNESS | 10.61          | 0.00                  | 0.00                        |
| 38    | PHILOSOPHY                 | 17.77          | 0.09                  | 0.70                        |
| 40    | PHYSICAL SCIENCES          | 32.72          | 7.92                  | 7.53                        |
| 42    | PSYCHOLOGY                 | 25.37          | 0.16                  | 1.82                        |
| 44    | PUBLIC ADMINISTRATION      | 9.47           | 0.00                  | 0.00                        |
| 45    | SOCIAL SCIENCES            | 48.80          | 3.73                  | 3.51                        |
| 50    | VISUAL & PERFORMING ARTS   | 74.48          | 10.49                 | 12.25                       |
| 51    | HEALTH PROFESSIONS         | 3.83           | 0.00                  | 0.00                        |
| 51.12 |                            | 16.86          | 11.45                 | 2.03                        |
| 51.22 | PUBLIC HEALTH              | 6.48           | 0.00                  | 0.00                        |
| 51.22 | REG NURSING                | 41.35          | 1.48                  | 0.00                        |
| 51.99 | OTHER HEALTH PROFESSIONALS | 23.90          | 4.36                  | 3.67                        |
| 52    | BUSINESS                   | 85.67          | 2.54                  | 9.30                        |
| 54    | HISTORY                    | 16.96          | 0.45                  | 1.80                        |
|       | <b>TOTAL INSTRUCTION</b>   | <b>847.49</b>  | <b>84.39</b>          | <b>81.65</b>                |
|       | RESEARCH                   |                | 10.68                 | 4.12                        |
|       | PUBLIC SUPPORT             |                | 1.68                  | 0.11                        |
|       | ACADEMIC SUPPORT           |                | 190.76                | 141.45                      |
|       | STUDENT SERVICES           |                | 82.15                 | 95.12                       |
|       | INSTITUTIONAL SUPPORT      |                | 119.58                | 84.22                       |
|       | PLANT OPERATION & MAINT    |                | 15.51                 | 102.88                      |
|       | AUXILIARY ENTERPRISES      |                | 34.41                 | 2.01                        |
|       | <b>TOTAL FTEs</b>          | <b>800.33</b>  | <b>539.16</b>         | <b>511.56</b>               |

Figure 2 - Student Credit Hours by Level and by Program, FY 2012-13  
 This chart shows credit hours awarded by instructional discipline.

| CIP          |                                | Lower          | Upper          | Masters       | Doctoral     | Total          |
|--------------|--------------------------------|----------------|----------------|---------------|--------------|----------------|
| 05           | Area Studies                   | 6192           | 1186           |               |              | 7378           |
| 09           | Communication                  | 8124           | 10945          | 520           |              | 19589          |
| 11           | Computer Science               | 5216           | 2652           | 965           | 232          | 9065           |
| 13           | Education                      | 1073           | 15265          | 19046         | 3855         | 39239          |
| 14           | Engineering                    | 4291           | 5381           | 3799          | 612          | 14083          |
| 16           | Modern Languages               | 18248          | 3968           | 520           |              | 22736          |
| 23           | English                        | 31892          | 11540          | 355           |              | 43787          |
| 24           | Liberal Arts                   | 2264           | 100            | 176           |              | 2540           |
| 25           | Library Science                | 196            |                |               |              | 196            |
| 26           | Biology                        | 21341          | 12717          | 881           | 106          | 35045          |
| 27           | Math                           | 24760          | 1370           | 1145          | 39           | 27314          |
| 30           | Multi/Interdisciplin. Sciences |                | 1298           |               |              | 1298           |
| 31           | Parks, Recreation & Fitness    | 3034           | 2590           | 810           |              | 6434           |
| 38           | Philosophy                     | 10140          | 1824           |               |              | 11964          |
| 40           | Physical Sciences              | 30127          | 1682           | 426           | 258          | 32493          |
| 42           | Psychology                     | 16372          | 6344           | 360           |              | 23076          |
| 43           | Criminal Justice               | 92             | 268            |               |              | 360            |
| 44           | Public Administration          | 436            | 3054           | 1420          |              | 4910           |
| 45           | Social Science                 | 21884          | 13091          | 231           |              | 35206          |
| 50           | Fine Arts                      | 21194          | 7728           | 346           | 93           | 29361          |
| 51.10        | Med Library Sciences           | 611            | 3052           |               |              | 3663           |
| 51.22        | Public Health                  | 437            | 1938           | 90            |              | 2465           |
| 51.23        | Rehab & Therapeutic            |                | 334            | 2909          | 1499         | 4742           |
| 51.38        | Nursing                        | 7245           | 17170          | 3536          | 373          | 28324          |
| 51.99        | Other Health Professions       | 4633           | 9695           | 132           |              | 14460          |
| 52           | Business                       | 10238          | 29158          | 7425          |              | 46821          |
| 54           | History                        | 7792           | 3360           | 130           |              | 11282          |
| <b>Total</b> |                                | <b>257,832</b> | <b>167,710</b> | <b>45,222</b> | <b>7,067</b> | <b>477,831</b> |

Figure 3 - Degrees Awarded by Program, FY 2011-12  
 This chart shows the degrees awarded by program.

| <b>CIP</b>   |                             | <b>Bachelor's</b> | <b>Post<br/>Bachelor's</b> | <b>Master's</b> | <b>Post<br/>Master's</b> | <b>Doctoral</b> | <b>Total</b> |
|--------------|-----------------------------|-------------------|----------------------------|-----------------|--------------------------|-----------------|--------------|
| 03           | Environmental Sciences      | 6                 | 0                          | 0               | 0                        | 0               | 6            |
| 05           | Area Studies                | 6                 | 0                          | 0               | 0                        | 0               | 6            |
| 09           | Communication               | 227               | 0                          | 0               | 0                        | 0               | 227          |
| 11           | Computer Science            | 45                | 0                          | 21              | 0                        | 0               | 66           |
| 13           | Education                   | 181               | 2                          | 369             | 53                       | 16              | 621          |
| 14           | Engineering                 | 79                | 0                          | 75              | 0                        | 12              | 166          |
| 15           | Engineering Management      | 0                 | 0                          | 16              | 0                        | 0               | 16           |
| 16           | Modern Languages            | 50                | 0                          | 8               | 0                        | 0               | 58           |
| 23           | English                     | 114               | 0                          | 11              | 0                        | 0               | 125          |
| 24           | Liberal Arts                | 113               | 0                          | 1               | 0                        | 0               | 114          |
| 26           | Biology                     | 189               | 4                          | 10              | 0                        | 3               | 206          |
| 27           | Math                        | 20                | 0                          | 11              | 0                        | 2               | 33           |
| 31           | Parks, Recreation & Fitness | 0                 | 0                          | 24              | 0                        | 0               | 24           |
| 38           | Philosophy                  | 9                 | 0                          | 0               | 0                        | 0               | 9            |
| 40           | Physical Sciences           | 11                | 0                          | 13              | 0                        | 3               | 27           |
| 42           | Psychology                  | 180               | 0                          | 0               | 0                        | 0               | 180          |
| 44           | Public Administration       | 70                | 0                          | 27              | 0                        | 0               | 97           |
| 45           | Social Science              | 177               | 0                          | 0               | 0                        | 0               | 177          |
| 50           | Fine Arts                   | 105               | 2                          | 7               | 0                        | 0               | 114          |
| 51.16        | Nursing                     | 364               | 0                          | 50              | 3                        | 21              | 438          |
| 51.22        | Public Health               | 23                | 0                          | 8               | 0                        | 0               | 31           |
| 51.99        | Other Health Professions    | 204               | 16                         | 1               | 0                        | 41              | 262          |
| 52           | Business                    | 413               | 0                          | 204             | 3                        | 0               | 620          |
| 54           | History                     | 54                | 0                          | 4               | 0                        | 0               | 58           |
| <b>Total</b> | <b>Total</b>                | <b>2,640</b>      | <b>24</b>                  | <b>860</b>      | <b>59</b>                | <b>98</b>       | <b>3,681</b> |

Figure 4 - Enrollment Trends from Fall 1998 to Fall 2013

This graphic shows the growth over the last twelve years in undergraduate and graduate resident students and undergraduate and graduate non-resident students. During this period Oakland University's enrollment increased from 14,289 to 20,169, an increase of over 41%.

| Fall Term   | Undergraduate |              |               | Graduate     |              |              | Total         |              |               |
|-------------|---------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|---------------|
|             | In-State      | Out of State | Total         | In-State     | Out of State | Total        | In-State      | Out of State | Total         |
| 1998        | 10,963        | 148          | 11,111        | 3,061        | 117          | 3,178        | 14,024        | 265          | 14,289        |
| 1999        | 11,473        | 181          | 11,654        | 2,989        | 83           | 3,072        | 14,462        | 264          | 14,726        |
| 2000        | 11,797        | 205          | 12,002        | 3,132        | 101          | 3,233        | 14,929        | 306          | 15,235        |
| 2001        | 12,311        | 218          | 12,529        | 3,236        | 110          | 3,346        | 15,547        | 328          | 15,875        |
| 2002        | 12,418        | 216          | 12,634        | 3,310        | 115          | 3,425        | 15,728        | 331          | 16,059        |
| 2003        | 12,731        | 228          | 12,959        | 3,515        | 102          | 3,617        | 16,246        | 330          | 16,576        |
| 2004        | 12,894        | 221          | 13,115        | 3,580        | 207          | 3,787        | 16,474        | 428          | 16,902        |
| 2005        | 13,233        | 215          | 13,448        | 3,787        | 104          | 3,891        | 17,020        | 319          | 17,339        |
| 2006        | 13,484        | 217          | 13,701        | 3,936        | 100          | 4,036        | 17,420        | 317          | 17,737        |
| 2007        | 13,907        | 183          | 14,090        | 3,879        | 113          | 3,992        | 17,786        | 296          | 18,082        |
| 2008        | 14,233        | 164          | 14,397        | 3,646        | 126          | 3,772        | 17,879        | 290          | 18,169        |
| 2009        | 15,091        | 184          | 15,275        | 3,526        | 319          | 3,645        | 18,617        | 303          | 18,920        |
| 2010        | 15,331        | 199          | 15,530        | 3,400        | 123          | 3,523        | 18,731        | 322          | 19,053        |
| 2011        | 15,637        | 201          | 15,838        | 3,411        | 130          | 3,541        | 19,048        | 331          | 19,379        |
| 2012        | 15,954        | 236          | 16,190        | 3,385        | 165          | 3,550        | 19,339        | 401          | 19,740        |
| <b>2013</b> | <b>16,283</b> | <b>311</b>   | <b>16,594</b> | <b>3,316</b> | <b>259</b>   | <b>3,575</b> | <b>19,599</b> | <b>570</b>   | <b>20,169</b> |

Figure 5 – Enrollment Projections by School/College and Level, Fall 2012 – Fall 2016  
 Oakland University continues to experience increases in enrollments.

| Enrollment Projections by School/College and Level |             |             |             |             |             |             |                         |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|
| Fall 2012 - Fall 2016                              |             |             |             |             |             |             |                         |
| Undergraduate                                      | Actual      | Projections |             |             |             |             | % Change<br>2011 - 2016 |
|  | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        |                         |
| CAS  | 6,036       | 6,105       | 6,170       | 6,218       | 6,282       | 6,354       | 5.3%                    |
| SBA  | 2,113       | 2,146       | 2,169       | 2,186       | 2,208       | 2,234       | 5.7%                    |
| SEHS   | 1,317       | 1,333       | 1,347       | 1,358       | 1,371       | 1,387       | 5.3%                    |
| SECS   | 1,030       | 1,089       | 1,100       | 1,109       | 1,120       | 1,133       | 10.0%                   |
| SHS  | 1,846       | 1,923       | 1,943       | 1,959       | 1,979       | 2,001       | 8.4%                    |
| SON  | 1,845       | 1,870       | 1,889       | 1,904       | 1,924       | 1,946       | 5.5%                    |
| UP/None  | 1,651       | 1,631       | 1,648       | 1,661       | 1,678       | 1,698       | 2.8%                    |
| Total  | 15,838      | 16,098      | 16,267      | 16,396      | 16,563      | 16,754      | 5.8%                    |
| <b>Graduate</b>                                    |             |             |             |             |             |             |                         |
|  | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |                         |
| CAS  | 437         | 423         | 424         | 428         | 433         | 459         | 5.0%                    |
| SBA  | 437         | 430         | 431         | 434         | 442         | 465         | 6.4%                    |
| SEHS   | 1,599       | 1,581       | 1,584       | 1,603       | 1,637       | 1,693       | 5.9%                    |
| SECS   | 431         | 426         | 428         | 441         | 447         | 466         | 8.1%                    |
| SHS  | 258         | 250         | 251         | 254         | 258         | 271         | 5.1%                    |
| SON  | 329         | 321         | 322         | 326         | 331         | 346         | 5.3%                    |
| Medical School                                     | 50          | 125         | 225         | 349         | 448         | 547         | 994.0%                  |
| Total  | 3,541       | 3,556       | 3,664       | 3,834       | 3,995       | 4,433       | 25.2%                   |
| <b>Total</b>                                       |             |             |             |             |             |             |                         |
|  | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |                         |
| CAS  | 6,473       | 6,529       | 6,594       | 6,646       | 6,714       | 6,813       | 5%                      |
| SBA  | 2,550       | 2,576       | 2,600       | 2,621       | 2,650       | 2,699       | 6%                      |
| SEHS   | 2,916       | 2,914       | 2,931       | 2,960       | 3,008       | 3,081       | 6%                      |
| SECS   | 1,461       | 1,515       | 1,528       | 1,550       | 1,567       | 1,599       | 9%                      |
| SHS  | 2,104       | 2,173       | 2,194       | 2,212       | 2,237       | 2,273       | 8%                      |
| SON  | 2,174       | 2,191       | 2,212       | 2,231       | 2,255       | 2,292       | 5%                      |
| Medical School                                     | 50          | 125         | 225         | 349         | 448         | 547         | 994%                    |
| University Programs                                | 1,651       | 1,631       | 1,648       | 1,661       | 1,678       | 1,698       | 3%                      |
| Total  | 19,379      | 19,654      | 19,931      | 20,230      | 20,558      | 21,002      | 8%                      |

Figure 6 – General Fund Square Feet per Student in Michigan, FY 2011-2012

This chart shows that Oakland University is last in general fund square footage per student of the 15 Michigan institutions. Source: Heidi Data Base

| Rank by SQ FT |              |
|---------------|--------------|
| UNIV          | SQFT/FYES    |
| UM-AA         | 343.11       |
| ULSSU         | 337.72       |
| MTU           | 325.35       |
| MSU           | 313.46       |
| WSU           | 292.46       |
| WMU           | 263.54       |
| NMU           | 224.90       |
| UM-D          | 208.72       |
| UM-F          | 208.68       |
| EMU           | 177.40       |
| CMU           | 164.29       |
| SVSU          | 163.75       |
| FSU           | 149.69       |
| GVSU          | 123.44       |
| <b>OU</b>     | <b>99.01</b> |

## **Future Staffing Needs**

Oakland University currently employs 3,924 full and part-time faculty and staff and 2,714 student employees. In addition, there are over 100 employees of contract service providers for food service, bookstore, and custodial services. Faculty and staff will grow with increased enrollment.

## **Average Class Size**

Average class size for undergraduate instruction in fall 2012 was 30.6 students. Graduate class size in fall 2012 was 15.5 and PhD classes averaged 17.2 students. It is important to the institutional character that the size of classes remains small. However, larger classes have been a cost-effective way to absorb growth.

## **IV. Facility Assessment**

### **Utilization Rates**

Oakland University has the lowest building square footage per student (figure 6) of any of the 15 public universities. However, a comparison of its programmatic mix with its doctoral programs and the relatively large number of engineering and science programs would lead to the conclusion that it should at least be near the overall average in total space. Program by program comparisons to national norms for disciplines indicates that all programs fall short in space.

Classroom utilization is also very high, especially in the evenings. Oakland's enrollment includes a large number of non-traditional students. Demand for evening classes exceeds available facilities. A large number of evening classes are offered at area high schools.

### **Mandated Standards**

Mandated standards for animal research are met.

### **Functionality**

The limited amount of specialized program space affects overall space functionality. This is particularly evident in the most impacted areas of Nursing, Health Sciences, Engineering and the Performing Arts. Recent facilities additions for the sciences, nursing, business and education provide good space for programmatic needs. Most academic programs on the Oakland University campus are offered in the following buildings:

- North Foundation Hall – Completed in 1959, and is primarily a student services building, but also includes two classrooms. The building is receiving a general facelift and significant improvements to the air distribution system.

- South Foundation Hall - Completed in 1959, this building is primarily a classroom building. The University has been adding technology to the classrooms over the past several years. This building is used by nearly all academic disciplines.
- Hannah Hall of Science - Completed in 1961, houses science, health science, and engineering laboratories as well as classrooms and offices. Air conditioning was added as part of a major energy project undertaken several years ago. Portions of the building were renovated to accommodate health sciences as part of the State funded Science and Engineering Building.
- Kresge Library – Completed in 1961 with additions in 1989. This is the central library for the institution.
- Wilson Hall - Completed in 1967, houses the departments of Art and Art History, and Communications and Journalism. It also houses Meadow Brook Theatre and administrative offices.
- Dodge Hall of Engineering - Completed in 1969, houses engineering and biology laboratories, offices, and classrooms. It also provides space for the Eye Research Institute and the administrative/academic computing center. The School of Engineering and Computer Science has a significant space deficit compared to national standards. This deficit will be significantly reduced by the construction of the new Engineering Center.
- Varner Hall - Completed in 1970, houses the departments of Music, Theatre and Dance (MTD), History, Political Science, and Sociology/Anthropology. The facilities for MTD are inadequate to meet the needs of their growing programs.
- O'Dowd Hall - Completed in 1982, this building houses the School of Nursing, the Graduate Office, the Registrar, the Departments of English, Writing and Rhetoric, Modern Languages and Literatures, Linguistics, Philosophy, and a number of general purpose classrooms. O'Dowd Hall is the home of the School of Medicine. The building continues to suffer from leaks along the curtain wall that have been a problem for a number of years. The curtain wall is being replaced in 2012-13.
- Elliott Hall - Completed in 2000, houses the School of Business Administration and Information Technology.
- Pawley Hall - Completed in 2002, houses the School of Education and Human Services, as well as the Lowry Child Development Center.
- Human Health Building – Completed in Fall, 2012, this 172,825 square foot building houses the School of Health Sciences and the School of Nursing. Collectively, this new enterprise is part of Oakland University's vision of better preparing today's health care students by creating an innovative partnership in one structure. With this new building, growth in undergraduate and graduate enrollment can be significantly increased in response to vital shortages in nursing and heavy demand for health science professionals.



- Oakland University Engineering Center (OUEC) - Construction started in Fall, 2012, it is designed to provide high quality twenty first century instructional and research facilities for all engineering and computer science programs that are vital to the revival of the economy of Southeast Michigan as well as the State of Michigan in general. This includes supporting the global competitiveness of the US alternative energy, health care and bio-medical, automotive, defense, and other high-tech industries. The OUEC will add approximately 86,884 square feet of net assignable space to the School of Engineering and Computer Science (SECS), as well as 13,500 square feet of assignable general purpose classroom space to support the growth of the overall student population.

Although academic programs are offered in other facilities and there are a number of other service buildings and auxiliary buildings, the above are the major academic facilities. The average age of buildings on the main campus is 30 years old. In general, buildings are in fair condition. Oakland University maintains a comprehensive list of plant renewal and deferred plant renewal projects, which is updated annually.

### **Replacement Value of Facilities**

The replacement value of Oakland University's 3.1 million square feet, including Meadow Brook Hall is estimated at \$922 million.

### **Utility Systems Condition**

The utility systems in facilities (i.e., heating, ventilation, air conditioning (HVAC), water, sewage, gas and electrical) are in varying degrees of condition, depending on facility age. All are fully functional, with those in the 30 to 40 year age and beyond group needing upgrades to increase efficiency and effectiveness of operation. The storm water system for some of the facilities flooded due to unusual 100-year storms and need attention in coming years. The existing water/sewage infrastructure is adequate to serve the projected programming needs for the next 10 years. An upgrade to the electrical substation was completed in 2003, which included cabling, switchgear, and a new substation. This upgrade will meet projected electrical needs for at least 15 years however capacity of the cabling needs to be evaluated as the campus grows in the future. Additional upgrades to infrastructure throughout campus will be required as campus facilities age and enrollment grows.

Many of the older facilities lack fire suppression systems and would be in consideration to update the facilities per current Codes during major renovation projects.

Due to the age of OU's infrastructure replacement/upgrade is needed for the underground HTHW lines. A new HTHW line needs to be installed to complete the south loop from the new Engineering Center (under construction) to Varner Hall, IT closets, IT cabling with Voice over IP capabilities, Boiler #4 in the Central Heat Plant, and the infrastructure (HVAC, plumbing and electrical) in the academic buildings (Dodge Hall of Engineering, South Foundation Hall, Hannah Hall of Science, Varner Hall) as well as residence halls (Hamlin Hall and Vandenberg Hall).

## **Facility Infrastructure Condition**

The pavement/sidewalks/structural infrastructure is generally in fair condition. Funds are allocated annually to pavement/sidewalk repair to restore the most deteriorated portions.

Campus major projects included in the next 5-year plan are installation of a Co-generation system, replacement of old air-handling units, HTHW system upgrade, storm water management, and upgrade VOIP communication network. A service contract will be in place to maintain new micro-turbines (2) in the new Engineering Center, which will open in fall 2014. Oakland budgets \$3.8 million for non-routine maintenance in its current fiscal year from Endowment Distribution, Recreation Reserves and Housing Reserves.

## **Land**

Oakland University's campus includes 1,443 acres. The main campus is approximately 350 acres. The remaining campus includes several major developments (a faculty/staff subdivision, the National Register Meadow Brook Estate, two golf courses), a large amount of wetland, and significant undeveloped acreage. The Campus Master Plan, approved by the Board of Trustees in April 2001, has identified future uses for all of the undeveloped property.

## **Buildings Obligated to the State Building Authority**

The following buildings/portions of buildings are bonded through State bonds:

- Science and Engineering Building – lease expiration in 2034
- Elliott Hall – lease expiration in 2040
- Pawley Hall – lease expiration in 2042
- Human Health Building – lease expiration in 2047

The following facilities are bonded through the University:

- Golf course - final payment in 2026
- Recreation and Athletic Center - final payment in 2026
- Student Apartments – final payment in 2031
- Electrical Power Upgrade – final payment in 2031
- Parking Structure – final payment in 2031
- Oakland Center Expansion – final payment in 2031

## Oakland University Classroom Utilization Reports

**Peak - 10 AM to 3 PM**

Fall 2009 Data

**25 Available Weekly Room Hours - WRH**

Room Type 110 - Classrooms

---

| Bldg Num | Room Num | ASF   | Capacity | WRH   | WRH%   | Station Occupancy |
|----------|----------|-------|----------|-------|--------|-------------------|
| DHE      | 200      | 1,126 | 108      | 22.00 | 88.0%  | 56.1%             |
| DHE      | 201      | 3,004 | 314      | 23.01 | 92.0%  | 22.4%             |
| DHE      | 202      | 702   | 52       | 21.10 | 84.4%  | 72.1%             |
| DHE      | 203      | 990   | 77       | 22.00 | 88.0%  | 54.4%             |
| DHE      | 204      | 374   | 25       | 14.00 | 56.0%  | 58.3%             |
| DHE      | 236      | 394   | 25       | 22.00 | 88.0%  | 63.3%             |
| DHE      | 237      | 389   | 25       | 18.43 | 73.7%  | 56.6%             |
| EH       | 204      | 541   | 35       | 17.33 | 69.3%  | 48.9%             |
| EH       | 206      | 523   | 35       | 19.00 | 76.0%  | 74.9%             |
| EH       | 208      | 686   | 45       | 22.67 | 90.7%  | 62.5%             |
| EH       | 210      | 683   | 45       | 21.00 | 84.0%  | 60.7%             |
| EH       | 212      | 696   | 45       | 19.60 | 78.4%  | 60.4%             |
| EH       | 214      | 902   | 44       | 16.26 | 65.0%  | 56.4%             |
| EH       | 235      | 1,021 | 40       | 16.36 | 65.4%  | 84.6%             |
| EH       | 237      | 1,026 | 40       | 21.17 | 84.7%  | 77.1%             |
| EH       | 239      | 1,018 | 40       | 17.00 | 68.0%  | 68.4%             |
| HHS      | 190      | 2,131 | 187      | 25.27 | 101.1% | 55.0%             |
| HHS      | 195      | 2,068 | 187      | 23.13 | 92.5%  | 74.6%             |
| HHS      | 220      | 548   | 40       | 20.06 | 80.2%  | 80.8%             |
| HHS      | 225      | 422   | 30       | 12.93 | 51.7%  | 74.7%             |
| HHS      | 350      | 498   | 40       | 14.82 | 59.3%  | 49.1%             |
| NFH      | 156      | 1,757 | 157      | 21.23 | 84.9%  | 74.6%             |
| NFH      | 159      | 1,757 | 90       | 14.00 | 56.0%  | 72.2%             |
| ODH      | 108      | 424   | 60       | 22.00 | 88.0%  | 82.9%             |
| ODH      | 110      | 1,548 | 60       | 22.00 | 88.0%  | 88.5%             |
| ODH      | 202A     | 1,591 | 0        | 18.00 | 72.0%  | 49.4%             |
| ODH      | 202B     | 2,391 | 0        | 17.67 | 70.7%  | 57.6%             |
| ODH      | 202C     | 1,561 | 0        | 16.10 | 64.4%  | 93.3%             |
| ODH      | 203      | 2,460 | 229      | 23.92 | 95.7%  | 60.8%             |
| ODH      | 204      | 2,426 | 178      | 19.13 | 76.5%  | 73.3%             |
| PH       | 302      | 1,660 | 72       | 16.93 | 67.7%  | 57.1%             |
| PH       | 306      | 910   | 48       | 19.01 | 76.0%  | 72.3%             |
| PH       | 307      | 938   | 48       | 16.00 | 64.0%  | 74.7%             |
| PH       | 308      | 910   | 48       | 15.60 | 62.4%  | 62.8%             |
| PH       | 309      | 930   | 48       | 18.00 | 72.0%  | 65.3%             |
| PH       | 310      | 732   | 36       | 15.67 | 62.7%  | 71.6%             |
| PH       | 312      | 738   | 36       | 23.00 | 92.0%  | 72.3%             |
| PH       | 314      | 916   | 48       | 23.00 | 92.0%  | 46.6%             |

|     |     |       |    |       |       |       |
|-----|-----|-------|----|-------|-------|-------|
| PH  | 316 | 918   | 48 | 9.55  | 38.2% | 47.2% |
| PH  | 318 | 910   | 48 | 20.22 | 80.9% | 70.5% |
| PH  | 320 | 735   | 36 | 18.22 | 72.9% | 58.5% |
| SEB | 093 | 574   | 0  | 16.93 | 67.7% | 50.7% |
| SEB | 130 | 673   | 42 | 18.00 | 72.0% | 72.5% |
| SEB | 164 | 1,131 | 64 | 18.00 | 72.0% | 73.4% |
| SEB | 168 | 1,112 | 64 | 18.00 | 72.0% | 66.7% |
| SEB | 172 | 1,130 | 64 | 22.46 | 89.8% | 61.2% |
| SEB | 185 | 883   | 50 | 19.00 | 76.0% | 56.7% |
| SEB | 187 | 543   | 36 | 23.00 | 92.0% | 72.8% |
| SEB | 364 | 428   | 30 | 15.62 | 62.5% | 82.3% |
| SEB | 372 | 1,043 | 50 | 2.35  | 9.4%  | 11.1% |
| SEB | 376 | 669   | 30 | 15.07 | 60.3% | 84.7% |
| SEB | 378 | 618   | 30 | 16.00 | 64.0% | 78.3% |
| SEB | 384 | 654   | 44 | 18.00 | 72.0% | 65.4% |
| SEB | 386 | 607   | 40 | 18.00 | 72.0% | 60.0% |
| SEB | 388 | 607   | 30 | 23.00 | 92.0% | 69.0% |
| SFH | 163 | 985   | 70 | 22.00 | 88.0% | 71.0% |
| SFH | 164 | 667   | 48 | 23.00 | 92.0% | 70.7% |
| SFH | 165 | 992   | 75 | 19.65 | 78.6% | 70.8% |
| SFH | 166 | 667   | 48 | 22.00 | 88.0% | 42.5% |
| SFH | 167 | 667   | 30 | 23.00 | 92.0% | 81.6% |
| SFH | 168 | 667   | 48 | 23.00 | 92.0% | 48.6% |
| SFH | 169 | 667   | 40 | 23.00 | 92.0% | 53.7% |
| SFH | 170 | 667   | 48 | 22.00 | 88.0% | 53.6% |
| SFH | 171 | 667   | 40 | 23.00 | 92.0% | 44.2% |
| SFH | 172 | 667   | 48 | 22.00 | 88.0% | 39.4% |
| SFH | 173 | 667   | 48 | 23.00 | 92.0% | 52.7% |
| SFH | 174 | 667   | 48 | 22.22 | 88.9% | 70.8% |
| SFH | 176 | 732   | 48 | 20.67 | 82.7% | 49.3% |
| SFH | 263 | 991   | 75 | 23.00 | 92.0% | 70.0% |
| SFH | 265 | 446   | 25 | 19.00 | 76.0% | 68.8% |
| SFH | 266 | 688   | 48 | 23.00 | 92.0% | 64.0% |
| SFH | 268 | 668   | 48 | 22.00 | 88.0% | 52.5% |
| SFH | 269 | 688   | 48 | 20.00 | 80.0% | 54.2% |
| SFH | 270 | 688   | 48 | 18.00 | 72.0% | 44.9% |
| SFH | 271 | 668   | 48 | 19.00 | 76.0% | 38.6% |
| SFH | 272 | 668   | 48 | 23.00 | 92.0% | 55.0% |
| SFH | 273 | 668   | 48 | 21.93 | 87.7% | 48.0% |
| SFH | 274 | 668   | 48 | 22.00 | 88.0% | 45.3% |
| SFH | 276 | 733   | 48 | 23.00 | 92.0% | 39.9% |
| SFH | 363 | 896   | 70 | 18.00 | 72.0% | 61.9% |
| SFH | 364 | 668   | 48 | 23.00 | 92.0% | 43.9% |
| SFH | 365 | 992   | 75 | 18.00 | 72.0% | 52.9% |
| SFH | 366 | 668   | 48 | 22.00 | 88.0% | 51.3% |
| SFH | 367 | 668   | 48 | 21.67 | 86.7% | 56.9% |
| SFH | 368 | 668   | 48 | 22.00 | 88.0% | 44.1% |
| SFH | 369 | 668   | 48 | 21.67 | 86.7% | 50.0% |
| SFH | 370 | 688   | 48 | 22.00 | 88.0% | 53.2% |
| SFH | 371 | 668   | 48 | 23.00 | 92.0% | 57.8% |
| SFH | 372 | 668   | 48 | 22.00 | 88.0% | 43.8% |
| SFH | 373 | 668   | 48 | 23.00 | 92.0% | 32.2% |

|                 |     |            |           |              |              |              |
|-----------------|-----|------------|-----------|--------------|--------------|--------------|
| SFH             | 374 | 668        | 48        | 22.33        | 89.3%        | 46.5%        |
| SFH             | 376 | 732        | 48        | 20.00        | 80.0%        | 47.1%        |
| VAR             | 205 | 1,151      | 90        | 22.00        | 88.0%        | 79.2%        |
| VAR             | 206 | 1,184      | 90        | 14.00        | 56.0%        | 87.1%        |
| VAR             | 229 | 371        | 25        | 0.00         | 0.0%         | n/a          |
| VAR             | 479 | 998        | 60        | 23.00        | 92.0%        | 60.0%        |
| WH              | 102 | 870        | 60        | 22.00        | 88.0%        | 83.9%        |
| WH              | 105 | 856        | 60        | 18.00        | 72.0%        | 78.3%        |
| WH              | 124 | 1,062      | 90        | 19.00        | 76.0%        | 83.9%        |
| WH              | 301 | 306        | 20        | 22.00        | 88.0%        | 69.1%        |
| WH              | 313 | 500        | 25        | 15.00        | 60.0%        | 85.3%        |
| WH              | 416 | 372        | 15        | 8.00         | 32.0%        | 60.0%        |
| <b>Averages</b> |     | <b>888</b> | <b>56</b> | <b>19.47</b> | <b>77.9%</b> | <b>65.9%</b> |

### Classroom Utilization Report

Off Peak - 8 AM to 10 am and 3pm to 5 pm  
Fall 2009 Data

20 Available Weekly  
Room Hours - WRH  
Room Type 110 - Classrooms

| Bldg Num | Room Num | ASF   | Capacity | WRH   | WRH%  | Station Occupancy |
|----------|----------|-------|----------|-------|-------|-------------------|
| DHE      | 200      | 1,126 | 108      | 8.00  | 40.0% | 30.8%             |
| DHE      | 201      | 3,004 | 314      | 16.91 | 84.5% | 22.0%             |
| DHE      | 202      | 702   | 52       | 16.00 | 80.0% | 74.9%             |
| DHE      | 203      | 990   | 77       | 17.00 | 85.0% | 56.3%             |
| DHE      | 204      | 374   | 25       | 9.00  | 45.0% | 72.9%             |
| DHE      | 236      | 394   | 25       | 11.00 | 55.0% | 73.1%             |
| DHE      | 237      | 389   | 25       | 5.00  | 25.0% | 21.6%             |
| EH       | 204      | 541   | 35       | 16.33 | 81.6% | 53.8%             |
| EH       | 206      | 523   | 35       | 17.00 | 85.0% | 63.5%             |
| EH       | 208      | 686   | 45       | 14.38 | 71.9% | 61.7%             |
| EH       | 210      | 683   | 45       | 9.93  | 49.7% | 80.8%             |
| EH       | 212      | 696   | 45       | 12.00 | 60.0% | 60.7%             |
| EH       | 214      | 902   | 44       | 5.33  | 26.7% | 79.6%             |
| EH       | 235      | 1,021 | 40       | 9.67  | 48.4% | 50.9%             |
| EH       | 237      | 1,026 | 40       | 17.67 | 88.4% | 60.0%             |
| EH       | 239      | 1,018 | 40       | 6.93  | 34.7% | 62.8%             |
| HHS      | 190      | 2,131 | 187      | 17.00 | 85.0% | 59.4%             |
| HHS      | 195      | 2,068 | 187      | 17.00 | 85.0% | 73.7%             |
| HHS      | 220      | 548   | 40       | 18.44 | 92.2% | 81.7%             |
| HHS      | 225      | 422   | 30       | 5.60  | 28.0% | 61.3%             |
| HHS      | 350      | 498   | 40       | 8.93  | 44.7% | 77.9%             |
| NFH      | 156      | 1,757 | 157      | 5.00  | 25.0% | 68.3%             |
| NFH      | 159      | 1,757 | 90       | 12.00 | 60.0% | 69.2%             |
| ODH      | 108      | 424   | 60       | 15.93 | 79.7% | 73.0%             |
| ODH      | 110      | 1,548 | 60       | 16.00 | 80.0% | 74.2%             |
| ODH      | 202A     | 1,591 | 0        | 8.00  | 40.0% | 63.3%             |
| ODH      | 202B     | 2,391 | 0        | 7.01  | 35.0% | 60.1%             |

|     |      |       |     |       |       |        |
|-----|------|-------|-----|-------|-------|--------|
| ODH | 202C | 1,561 | 0   | 9.00  | 45.0% | 60.8%  |
| ODH | 203  | 2,460 | 229 | 18.15 | 90.8% | 57.9%  |
| ODH | 204  | 2,426 | 178 | 17.00 | 85.0% | 55.0%  |
| PH  | 302  | 1,660 | 72  | 9.00  | 45.0% | 74.7%  |
| PH  | 306  | 910   | 48  | 14.57 | 72.8% | 76.1%  |
| PH  | 307  | 938   | 48  | 6.55  | 32.8% | 52.9%  |
| PH  | 308  | 910   | 48  | 15.76 | 78.8% | 62.0%  |
| PH  | 309  | 930   | 48  | 14.00 | 70.0% | 55.4%  |
| PH  | 310  | 732   | 36  | 10.88 | 54.4% | 63.0%  |
| PH  | 312  | 738   | 36  | 9.00  | 45.0% | 52.2%  |
| PH  | 314  | 916   | 48  | 9.00  | 45.0% | 67.8%  |
| PH  | 316  | 918   | 48  | 9.00  | 45.0% | 31.7%  |
| PH  | 318  | 910   | 48  | 14.00 | 70.0% | 63.4%  |
| PH  | 320  | 735   | 36  | 7.98  | 39.9% | 62.2%  |
| SEB | 093  | 574   | 0   | 12.44 | 62.2% | 35.8%  |
| SEB | 130  | 673   | 42  | 10.00 | 50.0% | 56.2%  |
| SEB | 164  | 1,131 | 64  | 16.00 | 80.0% | 65.6%  |
| SEB | 168  | 1,112 | 64  | 13.00 | 65.0% | 36.2%  |
| SEB | 172  | 1,130 | 64  | 13.67 | 68.4% | 66.3%  |
| SEB | 185  | 883   | 50  | 10.50 | 52.5% | 29.1%  |
| SEB | 187  | 543   | 36  | 13.00 | 65.0% | 54.1%  |
| SEB | 364  | 428   | 30  | 5.00  | 25.0% | 26.0%  |
| SEB | 372  | 1,043 | 50  | 0.00  | 0.0%  | n/a    |
| SEB | 376  | 669   | 30  | 9.13  | 45.7% | 130.7% |
| SEB | 378  | 618   | 30  | 7.00  | 35.0% | 26.7%  |
| SEB | 384  | 654   | 44  | 9.00  | 45.0% | 33.3%  |
| SEB | 386  | 607   | 40  | 16.00 | 80.0% | 58.6%  |
| SEB | 388  | 607   | 30  | 14.00 | 70.0% | 47.6%  |
| SFH | 163  | 985   | 70  | 12.93 | 64.7% | 52.9%  |
| SFH | 164  | 667   | 48  | 19.00 | 95.0% | 49.9%  |
| SFH | 165  | 992   | 75  | 13.00 | 65.0% | 46.9%  |
| SFH | 166  | 667   | 48  | 11.33 | 56.6% | 57.7%  |
| SFH | 167  | 667   | 30  | 15.93 | 79.7% | 54.4%  |
| SFH | 168  | 667   | 48  | 17.00 | 85.0% | 46.0%  |
| SFH | 169  | 667   | 40  | 14.67 | 73.4% | 46.5%  |
| SFH | 170  | 667   | 48  | 12.00 | 60.0% | 45.5%  |
| SFH | 171  | 667   | 40  | 17.00 | 85.0% | 33.7%  |
| SFH | 172  | 667   | 48  | 17.00 | 85.0% | 44.2%  |
| SFH | 173  | 667   | 48  | 13.00 | 65.0% | 56.1%  |
| SFH | 174  | 667   | 48  | 14.55 | 72.8% | 42.6%  |
| SFH | 176  | 732   | 48  | 15.67 | 78.4% | 43.4%  |
| SFH | 263  | 991   | 75  | 7.10  | 35.5% | 87.4%  |
| SFH | 265  | 446   | 25  | 17.00 | 85.0% | 45.4%  |
| SFH | 266  | 688   | 48  | 12.00 | 60.0% | 45.1%  |
| SFH | 268  | 668   | 48  | 13.10 | 65.5% | 51.3%  |
| SFH | 269  | 688   | 48  | 11.00 | 55.0% | 76.3%  |
| SFH | 270  | 688   | 48  | 13.00 | 65.0% | 53.0%  |
| SFH | 271  | 668   | 48  | 13.00 | 65.0% | 46.2%  |
| SFH | 272  | 668   | 48  | 12.00 | 60.0% | 40.5%  |
| SFH | 273  | 668   | 48  | 13.00 | 65.0% | 66.0%  |
| SFH | 274  | 668   | 48  | 13.00 | 65.0% | 58.8%  |
| SFH | 276  | 733   | 48  | 9.00  | 45.0% | 35.2%  |

|                 |     |            |           |              |              |              |
|-----------------|-----|------------|-----------|--------------|--------------|--------------|
| SFH             | 363 | 896        | 70        | 16.00        | 80.0%        | 72.9%        |
| SFH             | 364 | 668        | 48        | 13.00        | 65.0%        | 37.0%        |
| SFH             | 365 | 992        | 75        | 6.00         | 30.0%        | 29.8%        |
| SFH             | 366 | 668        | 48        | 13.00        | 65.0%        | 53.2%        |
| SFH             | 367 | 668        | 48        | 13.00        | 65.0%        | 50.6%        |
| SFH             | 368 | 668        | 48        | 12.00        | 60.0%        | 39.8%        |
| SFH             | 369 | 668        | 48        | 12.00        | 60.0%        | 53.0%        |
| SFH             | 370 | 688        | 48        | 6.00         | 30.0%        | 22.9%        |
| SFH             | 371 | 668        | 48        | 13.00        | 65.0%        | 53.5%        |
| SFH             | 372 | 668        | 48        | 10.00        | 50.0%        | 45.4%        |
| SFH             | 373 | 668        | 48        | 12.00        | 60.0%        | 45.5%        |
| SFH             | 374 | 668        | 48        | 11.26        | 56.3%        | 55.3%        |
| SFH             | 376 | 732        | 48        | 11.00        | 55.0%        | 55.7%        |
| VAR             | 205 | 1,151      | 90        | 16.00        | 80.0%        | 73.9%        |
| VAR             | 206 | 1,184      | 90        | 12.00        | 60.0%        | 65.6%        |
| VAR             | 229 | 371        | 25        | 0.00         | 0.0%         | n/a          |
| VAR             | 479 | 998        | 60        | 13.00        | 65.0%        | 24.1%        |
| WH              | 102 | 870        | 60        | 10.00        | 50.0%        | 62.7%        |
| WH              | 105 | 856        | 60        | 9.00         | 45.0%        | 58.1%        |
| WH              | 124 | 1,062      | 90        | 13.00        | 65.0%        | 69.6%        |
| WH              | 301 | 306        | 20        | 6.00         | 30.0%        | 43.3%        |
| WH              | 313 | 500        | 25        | 17.00        | 85.0%        | 74.4%        |
| WH              | 416 | 372        | 15        | 4.00         | 20.0%        | 33.3%        |
| <b>Averages</b> |     | <b>888</b> | <b>56</b> | <b>11.87</b> | <b>59.3%</b> | <b>61.5%</b> |

## Classroom Utilization Report

Evening 5 PM - 10 PM

Fall 2009 Data

25 Available Weekly  
Room Hours - WRH

Room Type 110 - Classrooms

| Bldg<br>Num | Room<br>Num | ASF   | Capacity | WRH   | WRH%  | Station<br>Occupancy |
|-------------|-------------|-------|----------|-------|-------|----------------------|
| DHE         | 200         | 1,126 | 108      | 16.43 | 65.7% | 56.3%                |
| DHE         | 201         | 3,004 | 314      | 12.00 | 48.0% | 27.8%                |
| DHE         | 202         | 702   | 52       | 17.00 | 68.0% | 13.8%                |
| DHE         | 203         | 990   | 77       | 13.00 | 52.0% | 25.7%                |
| DHE         | 204         | 374   | 25       | 9.00  | 36.0% | 56.9%                |
| DHE         | 236         | 394   | 25       | 9.00  | 36.0% | 74.2%                |
| DHE         | 237         | 389   | 25       | 13.00 | 52.0% | 62.5%                |
| EH          | 204         | 541   | 35       | 13.70 | 54.8% | 40.8%                |
| EH          | 206         | 523   | 35       | 8.60  | 34.4% | 74.8%                |
| EH          | 208         | 686   | 45       | 14.20 | 56.8% | 58.2%                |
| EH          | 210         | 683   | 45       | 13.20 | 52.8% | 43.6%                |
| EH          | 212         | 696   | 45       | 16.20 | 64.8% | 65.5%                |
| EH          | 214         | 902   | 44       | 12.70 | 50.8% | 68.8%                |
| EH          | 235         | 1,021 | 40       | 13.42 | 53.7% | 68.9%                |
| EH          | 237         | 1,026 | 40       | 14.92 | 59.7% | 59.5%                |
| EH          | 239         | 1,018 | 40       | 13.70 | 54.8% | 52.4%                |
| HHS         | 190         | 2,131 | 187      | 8.00  | 32.0% | 44.4%                |
| HHS         | 195         | 2,068 | 187      | 14.13 | 56.5% | 43.2%                |

|     |      |       |     |       |       |        |
|-----|------|-------|-----|-------|-------|--------|
| HHS | 220  | 548   | 40  | 24.11 | 96.4% | 66.3%  |
| HHS | 225  | 422   | 30  | 12.10 | 48.4% | 58.6%  |
| HHS | 350  | 498   | 40  | 15.52 | 62.1% | 74.6%  |
| NFH | 156  | 1,757 | 157 | 12.70 | 50.8% | 37.2%  |
| NFH | 159  | 1,757 | 90  | 8.27  | 33.1% | 56.6%  |
| ODH | 108  | 424   | 60  | 11.15 | 44.6% | 36.2%  |
| ODH | 110  | 1,548 | 60  | 15.75 | 63.0% | 41.9%  |
| ODH | 202A | 1,591 | 0   | 8.60  | 34.4% | 46.4%  |
| ODH | 202B | 2,391 | 0   | 3.55  | 14.2% | 43.1%  |
| ODH | 202C | 1,561 | 0   | 13.00 | 52.0% | 40.2%  |
| ODH | 203  | 2,460 | 229 | 4.55  | 18.2% | 60.9%  |
| ODH | 204  | 2,426 | 178 | 5.00  | 20.0% | 34.4%  |
| PH  | 302  | 1,660 | 72  | 14.70 | 58.8% | 55.8%  |
| PH  | 306  | 910   | 48  | 13.70 | 54.8% | 55.6%  |
| PH  | 307  | 938   | 48  | 14.20 | 56.8% | 71.5%  |
| PH  | 308  | 910   | 48  | 10.65 | 42.6% | 57.8%  |
| PH  | 309  | 930   | 48  | 13.70 | 54.8% | 50.5%  |
| PH  | 310  | 732   | 36  | 15.20 | 60.8% | 50.7%  |
| PH  | 312  | 738   | 36  | 13.70 | 54.8% | 51.8%  |
| PH  | 314  | 916   | 48  | 10.65 | 42.6% | 81.4%  |
| PH  | 316  | 918   | 48  | 10.65 | 42.6% | 57.5%  |
| PH  | 318  | 910   | 48  | 13.20 | 52.8% | 44.0%  |
| PH  | 320  | 735   | 36  | 14.20 | 56.8% | 59.8%  |
| SEB | 093  | 574   | 0   | 8.55  | 34.2% | 37.8%  |
| SEB | 130  | 673   | 42  | 14.43 | 57.7% | 48.8%  |
| SEB | 164  | 1,131 | 64  | 16.00 | 64.0% | 30.1%  |
| SEB | 168  | 1,112 | 64  | 17.00 | 68.0% | 60.9%  |
| SEB | 172  | 1,130 | 64  | 17.00 | 68.0% | 68.4%  |
| SEB | 185  | 883   | 50  | 16.50 | 66.0% | 31.8%  |
| SEB | 187  | 543   | 36  | 14.60 | 58.4% | 33.7%  |
| SEB | 364  | 428   | 30  | 11.21 | 44.8% | 37.4%  |
| SEB | 372  | 1,043 | 50  | 12.00 | 48.0% | 30.0%  |
| SEB | 376  | 669   | 30  | 10.78 | 43.1% | 18.6%  |
| SEB | 378  | 618   | 30  | 17.00 | 68.0% | 47.8%  |
| SEB | 384  | 654   | 44  | 9.00  | 36.0% | 39.9%  |
| SEB | 386  | 607   | 40  | 13.05 | 52.2% | 47.3%  |
| SEB | 388  | 607   | 30  | 16.22 | 64.9% | 56.1%  |
| SFH | 163  | 985   | 70  | 14.75 | 59.0% | 52.4%  |
| SFH | 164  | 667   | 48  | 16.30 | 65.2% | 43.5%  |
| SFH | 165  | 992   | 75  | 12.10 | 48.4% | 41.6%  |
| SFH | 166  | 667   | 48  | 10.15 | 40.6% | 42.2%  |
| SFH | 167  | 667   | 30  | 11.87 | 47.5% | 124.0% |
| SFH | 168  | 667   | 48  | 14.20 | 56.8% | 43.8%  |
| SFH | 169  | 667   | 40  | 10.65 | 42.6% | 71.1%  |
| SFH | 170  | 667   | 48  | 16.20 | 64.8% | 39.0%  |
| SFH | 171  | 667   | 40  | 11.55 | 46.2% | 39.8%  |
| SFH | 172  | 667   | 48  | 13.70 | 54.8% | 36.4%  |
| SFH | 173  | 667   | 48  | 12.00 | 48.0% | 40.3%  |
| SFH | 174  | 667   | 48  | 13.20 | 52.8% | 77.1%  |
| SFH | 176  | 732   | 48  | 14.70 | 58.8% | 53.7%  |
| SFH | 263  | 991   | 75  | 11.10 | 44.4% | 59.1%  |
| SFH | 265  | 446   | 25  | 11.10 | 44.4% | 51.8%  |



|                 |     |            |           |              |              |              |
|-----------------|-----|------------|-----------|--------------|--------------|--------------|
| SFH             | 266 | 688        | 48        | 15.20        | 60.8%        | 72.0%        |
| SFH             | 268 | 668        | 48        | 12.65        | 50.6%        | 45.9%        |
| SFH             | 269 | 688        | 48        | 14.70        | 58.8%        | 63.2%        |
| SFH             | 270 | 688        | 48        | 15.20        | 60.8%        | 47.4%        |
| SFH             | 271 | 668        | 48        | 12.65        | 50.6%        | 50.3%        |
| SFH             | 272 | 668        | 48        | 16.10        | 64.4%        | 42.9%        |
| SFH             | 273 | 668        | 48        | 14.20        | 56.8%        | 38.1%        |
| SFH             | 274 | 668        | 48        | 12.10        | 48.4%        | 40.9%        |
| SFH             | 276 | 733        | 48        | 13.37        | 53.5%        | 54.0%        |
| SFH             | 363 | 896        | 70        | 16.20        | 64.8%        | 53.9%        |
| SFH             | 364 | 668        | 48        | 9.55         | 38.2%        | 49.8%        |
| SFH             | 365 | 992        | 75        | 8.00         | 32.0%        | 36.0%        |
| SFH             | 366 | 668        | 48        | 11.60        | 46.4%        | 30.4%        |
| SFH             | 367 | 668        | 48        | 13.70        | 54.8%        | 42.4%        |
| SFH             | 368 | 668        | 48        | 9.10         | 36.4%        | 40.8%        |
| SFH             | 369 | 668        | 48        | 11.15        | 44.6%        | 45.1%        |
| SFH             | 370 | 688        | 48        | 11.20        | 44.8%        | 38.2%        |
| SFH             | 371 | 668        | 48        | 13.70        | 54.8%        | 53.4%        |
| SFH             | 372 | 668        | 48        | 14.20        | 56.8%        | 52.8%        |
| SFH             | 373 | 668        | 48        | 6.55         | 26.2%        | 25.2%        |
| SFH             | 374 | 668        | 48        | 11.10        | 44.4%        | 27.1%        |
| SFH             | 376 | 732        | 48        | 13.00        | 52.0%        | 40.1%        |
| VAR             | 205 | 1,151      | 90        | 9.10         | 36.4%        | 82.1%        |
| VAR             | 206 | 1,184      | 90        | 11.65        | 46.6%        | 40.9%        |
| VAR             | 229 | 371        | 25        | 0.00         | 0.0%         | n/a          |
| VAR             | 479 | 998        | 60        | 14.20        | 56.8%        | 48.0%        |
| WH              | 102 | 870        | 60        | 14.20        | 56.8%        | 60.1%        |
| WH              | 105 | 856        | 60        | 15.20        | 60.8%        | 64.6%        |
| WH              | 124 | 1,062      | 90        | 6.60         | 26.4%        | 37.0%        |
| WH              | 301 | 306        | 20        | 14.20        | 56.8%        | 65.1%        |
| WH              | 313 | 500        | 25        | 12.32        | 49.3%        | 76.1%        |
| WH              | 416 | 372        | 15        | 7.10         | 28.4%        | 69.8%        |
| <b>Averages</b> |     | <b>888</b> | <b>56</b> | <b>12.53</b> | <b>50.1%</b> | <b>48.9%</b> |

## FACILITY CONDITION ASSESSMENT

### PLANT RENEWAL, DEFERRED PLANT RENEWAL & PLANT ADAPTATION BACKLOG

The Facilities management computerized Capital Asset Management (CAM) program is a relational database management system, containing approximately 1,500 projects; totaling over \$201 million. In addition to this summary report, the database is capable of producing ad-hoc reports by priority rank, building system, completed and In-process projects in the current fiscal year, and backlog category.

The objective with this document, in addition to identifying our needs, is to raise awareness of the deferred plant renewal liability, and to serve as a point of departure for broader facilities planning as well as to set priorities. These assessments identified needs, established scope, determined preliminary costs, and prioritized facility projects for the University.

Oakland University completed facility condition assessments in 2006 for 34 campus buildings and updates the assessments of four buildings each year.

|                                      |                              | Million Dollar            |                    |                            |                          |                           |            |
|--------------------------------------|------------------------------|---------------------------|--------------------|----------------------------|--------------------------|---------------------------|------------|
| System Code                          | Projects Category            | 2012<br>Projects<br>Total | Closed<br>Projects | In-<br>Process<br>Projects | New<br>Projects<br>added | 2013<br>Projects<br>Total |            |
| AC                                   | Accessibility                | \$ 4.42                   | \$ -               | \$ 0.01                    | \$ (1.38)                | \$ 3.03                   | See Note 1 |
| EL                                   | Electrical                   | \$ 11.40                  | \$ 0.26            | \$ 0.30                    | \$ 3.61                  | \$ 14.45                  |            |
| EN                                   | Energy                       | \$ 1.67                   | \$ 0.97            | \$ 0.35                    | \$ 3.58                  | \$ 3.93                   |            |
| ES                                   | Exterior System              | \$ 15.32                  | \$ 0.75            | \$ 0.27                    | \$ 3.29                  | \$ 17.59                  |            |
| FS                                   | Fire/Life Safety             | \$ 13.09                  | \$ -               | \$ 0.07                    | \$ 5.44                  | \$ 18.46                  |            |
| HE                                   | Health                       | \$ 0.85                   | \$ 0.20            | \$ 0.15                    | \$ 0.64                  | \$ 1.14                   |            |
| HT                                   | High Temp / Hot Water        | \$ 13.81                  | \$ 1.07            | \$ 0.37                    | \$ (0.20)                | \$ 12.17                  | See Note 1 |
| HV                                   | HVAC                         | \$ 33.65                  | \$ 0.49            | \$ 1.34                    | \$ 6.44                  | \$ 38.26                  |            |
| IS                                   | Interior System              | \$ 26.89                  | \$ 11.36           | \$ 4.42                    | \$ 16.40                 | \$ 27.51                  |            |
| IT                                   | Information Technology       | \$ 25.35                  | \$ -               | \$ 3.77                    | \$ 0.50                  | \$ 22.08                  |            |
| PL                                   | Plumbing                     | \$ 23.41                  | \$ 4.26            | \$ 0.30                    | \$ 0.27                  | \$ 19.11                  |            |
| RW                                   | Roads / Walks / Parking Lots | \$ 3.82                   | \$ 1.20            | \$ 2.05                    | \$ 2.49                  | \$ 3.06                   |            |
| SI                                   | Site                         | \$ 17.27                  | \$ 1.44            | \$ 1.09                    | \$ 2.69                  | \$ 17.43                  |            |
| SS                                   | Security Systems             | \$ 0.04                   | \$ -               | \$ 0.44                    | \$ 0.44                  | \$ 0.04                   |            |
| VT                                   | Elevator                     | \$ 3.74                   | \$ 0.42            | \$ 0.05                    | \$ 0.36                  | \$ 3.64                   |            |
|                                      |                              | \$ 194.73                 | \$ 22.42           | \$ 14.98                   | \$ 42.23                 | \$ 201.90                 |            |
| <b>NET CHANGE FROM PREVIOUS YEAR</b> |                              |                           |                    |                            |                          | <b>\$7.17</b>             |            |

Note 1: Projects were eliminated as a result of non-validity and/or duplication.

Remarks Facility Management continually checks the validity of projects in the database and eliminates projects that are not viable. The total net change for the project backlog (\$7.17) is mainly due to inflation.

## DEFINITIONS

Capital Asset Management is a systematic approach to renewing the University's capital assets through planned:

### **Plant Renewal**

### **Deferred Plant Renewal**

### **Plant Adaptation**

These terms have been formally defined by the National Association of College and University Business Officers (NACUBO) as follows:

#### **Plant Renewal**

"...a systematic approach to planning and budgeting for known future cyclical renewal and replacement requirements that extend the (present) life and retain the usable condition of campus facilities and (building) systems ... not normally contained in the annual operating budget. ..." (NACUBO) Cyclical renewals typically exceed five year cycles and include such items as roof replacement, electrical switchgear, and HVAC system replacement. These expenditures keep the physical plant and related infrastructure in reliable operating condition for its present use.

#### **Deferred Plant Renewal**

"... encompasses measures that are not carried out because of underfunding in the budgeting process or perceived low priority..." (NACUBO) This includes actual projects, from the prior or current years, not included in the routine maintenance work. These projects represent "Postponed Work" that was deferred because total costs exceed current budget, or projects that are of a "low priority" that present a minimal return on investment. Also included in the Deferred Plant Renewal project list are those projects that were shifted because funds were re-allocated to address emergencies that have no other funding source.

#### **Plant Adaptation**

"...improvements are driven by institutional program changes ..." (NACUBO) This involves a programmatic process to plan and fund for projects that will be required due to an evolving use of the institution (e.g., changes in academic disciplines, shifting expectations, supporting institutional mission, etc.), or changing standards (e.g., campus master plans, architectural standards, etc.). These expenditures are over and above normal maintenance, and are not typically contained in the annual operating budget.

## **FACILITY CONDITION ASSESMENT RANKING**

### **PRIORITY 1**

#### **Current Critical (immediate or current year)**

Projects in this category require immediate action to:

- Return a facility to normal operation
- Stop accelerated deterioration
- Correct a cited safety hazard

### **PRIORITY 2**

#### **Potentially Critical (within one year)**

Projects in this category, if not corrected expeditiously, will become critical within a year. Situations in this category include:

- Intermittent interruptions
- Rapid deterioration
- Potential safety hazard

### **PRIORITY 3**

#### **Necessary – Not Yet Critical (within years two – five)**

Projects in this category include conditions requiring prompt attention to preclude predictable deterioration or potential down time and associated higher costs if deferred further.

### **PRIORITY 4**

#### **Recommended (within years six – ten)**

Projects in this category include items that represent a sensible improvement to existing conditions. These are not required for the most basic function of a facility; however, Priority 4 projects will either improve overall usability and/or reduce long-term maintenance.

### **PRIORITY 5**

#### **Recommended (beyond year ten)**

Projects in this category may not improve overall usability and/or reduce long-term maintenance; however, they provide an economic payback that would not otherwise be present. Projects in this category may represent to upgrade buildings with current codes during major renovation projects. Projects in this category may also represent non-time based improvement, upgrade, or recommendation.

SOURCE: Association of Higher Education Facilities Officers (APPA)

## ABBREVIATIONS

**CAMPUS SYSTEM** - Accessibility (AC)  
 Electrical (EL)  
 Energy Management (EN)  
 Exterior Structure (ES)  
 Fire/Life Safety (FS)  
 Health (HE)  
 High Temperature / Heat Water (HT)  
 HVAC (HV)  
 Information Technology (IT)  
 Interior / Finish System (IS)  
 Plumbing (PL)  
 Roads, Walks, Parking Lots (RW)  
 Site (SI)  
 Vertical Transportation (VT)  
 Security Systems (SS)

**CATEGORY** - Plant Renewal (PR)  
 Deferred Plant Renewal (DPR)  
 Plant Adaptation (PA)

**FACILITIES CONDITION NEEDS INDEX (FCNI)** Facility Condition Needs Index provides a relative measure for comparing one building (or group of buildings) to another. The index is a simple calculation, derived by dividing the total project costs (for the ten-year window) by the total facility replacement cost (FRC). When applying the index as an evaluation tool, the lower the number, the better the facility condition. It should also be noted that this is an index, not a percentage. It can (and often does in the case of historic facilities) exceed 1.00.

### Facility Condition Needs Index

| Individual Building<br>FCNI Range | Condition Description                              |
|-----------------------------------|--|
| 0.01 – 0.05                       | Excellent condition, typically new construction    |
| 0.06 – 0.15                       | Good condition, renovations occur on schedule      |
| 0.16 – 0.30                       | Fair condition, in need of normal renovation       |
| 0.31 – 0.40                       | Below average condition, major renovation required |
| 0.41 – 0.59                       | Poor condition, gut / renovation indicated         |
| 0.60 and above                    | Complete facility replacement indicated            |

**FACILITIES REPLACEMENT COST** FRC is reported as the total replacement cost for the building or structure and its contents or fixed assets. As an example, the FRC for student housing includes the replacement cost for the building and all the fixtures within each room. Likewise, the FRC for a central heating plant would include the cost of the structure and the boilers, generators and other equipment contained within.

**Executive Summary**  
**All Campus Buildings - Facility Condition Assessment**

| Building Code        | Building Name                          | Use  | Square Feet      | FRC                  | Project Costs        | FCNI Total  | Year Built | Benchmark Per APPA    |
|----------------------|--|------|------------------|----------------------|----------------------|-------------|------------|-----------------------|
| ANI                  | Anibal House                           | HS   | 20,487           | \$3,884,810          | \$1,194,404          | 0.31        | 1962       | Below Average         |
| ASD                  | Athletic Sports Dome                   | UNIV | 30,557           | \$5,371,152          | \$2,485,661          | 0.46        | 1996       | Poor Condition        |
| AVN                  | Ann V. Nicholson Apartments            | HS   | 181,291          | \$21,755,146         | \$1,071,253          | 0.05        | 1998       | Excellent Condition   |
| BB                   | Belgian Barn                           | AUX  | 9,324            | \$705,830            | \$223,286            | 0.32        | 1935       | Below Average         |
| BGM                  | Building Grounds Maintenance Bldg      | UNIV | 14,400           | \$1,359,755          | \$534,661            | 0.39        | 1994       | Below Average         |
| BRS                  | Biomedical Research Support Facility   | UNIV | 14,300           | \$5,027,160          | \$624,558            | 0.12        | 1999       | Good Condition        |
| CCC                  | Chicken Coop Center                    | AUX  | 8,404            | \$717,140            | \$169,209            | 0.24        | 1930       | Fair Condition        |
| CHP                  | Central Heating Plant                  | UNIV | 16,833           | \$23,670,542         | \$4,762,154          | 0.20        | 1974       | Fair Condition        |
| DHE                  | Dodge Hall of Engineering              | AD   | 151,204          | \$43,931,711         | \$15,318,531         | 0.35        | 1968       | Below Average         |
| ECMB                 | East Campus & Misc. Buildings          | AUX  | 89,294           | \$20,927,517         | \$1,415,010          | 0.07        | N/A        | Excellent Condition   |
| EH                   | Elliott Hall                           | AD   | 74,582           | \$15,619,678         | \$1,503,001          | 0.10        | 2000       | Good Condition        |
| FM                   | Facilities Management Building         | AD   | 4,084            | \$289,768            | \$563,277            | 1.94        | 1987       | Full Replacement      |
| FTZ                  | Fitzgerald House                       | HS   | 20,610           | \$3,908,133          | \$1,701,746          | 0.44        | 1961       | Poor Condition        |
| GAT                  | Gatehouse at MBH                       | UNIV | 2,032            | \$913,198            | \$724,145            | 0.79        | 1929       | Historical            |
| GHC                  | Graham Health Center                   | UNIV | 13,161           | \$2,150,930          | \$871,179            | 0.41        | 1970       | Poor Condition        |
| GLC                  | Golf & Learning Center                 | AUX  | 6,038            | \$1,061,328          | \$236,764            | 0.22        | 1914       | Fair Condition        |
| GLF                  | Golf Courses                           | AUX  |                  | \$23,436,645         | \$8,137,682          | 0.35        | N/A        | Below Average         |
| GRN                  | Greenhouse                             | UNIV | 3,630            | \$638,063            | \$788,655            | 1.24        | 1917       | Historical            |
| GTM                  | George T. Matthews Apartments          | HS   | 47,464           | \$7,412,380          | \$1,722,774          | 0.23        | 1982       | Fair Condition        |
| HAM                  | Hamlin Hall                            | HS   | 143,872          | \$34,027,808         | \$9,629,224          | 0.28        | 1968       | Fair Condition        |
| HHB                  | Human Health Building                  | UNIV | 172,825          | \$66,703,000         | \$20,524             | 0.00        | 2012       | Excellent Condition   |
| HHS                  | Hannah Hall of Science                 | AD   | 89,418           | \$39,904,442         | \$15,008,170         | 0.38        | 1961       | Below Average         |
| HIL                  | Hill House                             | HS   | 42,522           | \$10,057,068         | \$3,167,887          | 0.31        | 1964       | Below Average         |
| JDH                  | John Dodge House                       | AD   | 10,696           | \$1,890,505          | \$745,143            | 0.39        | 1880       | Below Average         |
| KL                   | Kresge Library                         | AD   | 164,522          | \$28,481,550         | \$2,508,329          | 0.09        | 1961       | Good Condition        |
| MBH                  | Meadow Brook Hall                      | AUX  | 78,002           | \$46,873,289         | \$9,511,214          | 0.20        | 1929       | Fair Condition        |
| MC                   | Main Campus                            | UNIV |                  | \$117,183,223        | \$24,890,620         | 0.21        | N/A        | Fair Condition        |
| MCMB                 | Main Campus Misc. Buildings            | AUX  | 18,429           | \$4,319,139          | \$341,000            | 0.08        | 1960       | Excellent Condition   |
| NFH                  | North Foundation Hall                  | AD   | 67,691           | \$23,900,009         | \$6,590,817          | 0.28        | 1959       | Fair Condition        |
| OC                   | Oakland Center                         | AUX  | 146,693          | \$2,496,108          | \$6,125,878          | 0.24        | 1959       | Fair Condition        |
| ODH                  | O'Dowd Hall                            | AD   | 105,000          | \$38,952,643         | \$8,460,109          | 0.22        | 1982       | Fair Condition        |
| OIT                  | O'Dowd Hall IT Network Building        | UNIV | 822              | \$2,122,182          | \$10,262             | 0.00        | 2011       | Excellent Condition   |
| OUInc.1              | O.U. INCubator Health Enhancement Bldg | UNIV | 11,385           | \$1,888,240          | \$427,504            | 0.23        | 1983       | Fair Condition        |
| OUInc.2              | O.U. INCubator Shotwell Gustafson      | AUX  | 25,850           | \$4,543,779          | \$866,498            | 0.19        | 1929       | Fair Condition        |
| PH                   | Pawley Hall                            | AD   | 132,406          | \$30,386,301         | \$3,746,065          | 0.12        | 2002       | Good Condition        |
| PRY                  | Pryale Hall                            | AD   | 20,829           | \$4,034,521          | \$1,588,209          | 0.39        | 1963       | Below Average         |
| PS1                  | Parking Structure                      | UNIV | 179,820          | \$10,717,578         | \$65,100             | 0.01        | 2002       | Excellent Condition   |
| PSS                  | Police and Support Services            | UNIV | 26,444           | \$4,422,035          | \$1,113,949          | 0.25        | 1976       | Fair Condition        |
| SEB                  | Science and Engineering Building       | AD   | 165,494          | \$54,718,906         | \$5,598,307          | 0.10        | 1997       | Good Condition        |
| SFH                  | South Foundation Hall                  | AD   | 55,041           | \$10,661,293         | \$3,916,705          | 0.37        | 1959       | Below Average         |
| SRAC                 | Student Recreation and Athletic Center | AD   | 253,494          | \$44,190,993         | \$2,779,385          | 0.06        | 1998       | Excellent Condition   |
| SS                   | Spenser Substation                     | UNIV | 14,769           | \$2,596,019          | \$77,964             | 0.03        | 2003       | Excellent Condition   |
| SSC                  | Steve Sharf Clubhouse                  | AUX  | 9,900            | \$3,591,700          | \$30,000             | 0.00        | 2011       | Excellent Condition   |
| SST                  | Sunset Terrace                         | HS   | 12,587           | \$2,666,637          | \$440,186            | 0.17        | 1952       | Fair Condition        |
| VAR                  | Varner Hall                            | AD   | 119,939          | \$36,299,782         | \$12,987,090         | 0.36        | 1970       | Below Average         |
| VBH                  | Vandenberg Hall                        | HS   | 178,321          | \$42,175,496         | \$16,434,348         | 0.39        | 1967       | Below Average         |
| VWH                  | Van Wagner House                       | HS   | 43,305           | \$10,242,259         | \$2,677,432          | 0.26        | 1965       | Fair Condition        |
| WH                   | Wilson Hall and Meadow Brook Theatre   | AD   | 98,153           | \$36,556,700         | \$18,098,819         | 0.50        | 1967       | Poor Condition        |
| <b>Grand Totals:</b> |  |      | <b>3,095,954</b> | <b>\$921,849,067</b> | <b>\$201,904,688</b> | <b>0.22</b> |            | <b>Fair Condition</b> |

Note: FRC excludes furnishing and furniture cost.

**Detailed Project Totals  
Facility Condition Analysis  
Project Class by Priority Class**

| <b>Project Class</b>          | <b>Priority 1</b>  | <b>Priority 2</b>   | <b>Priority 3</b>   | <b>Priority 4</b>   | <b>Priority 5</b>   | <b>Subtotal</b>      |
|-------------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| <b>PR = Plant Renewal</b>     | <b>\$573,705</b>   | <b>\$4,410,127</b>  | <b>\$60,531,949</b> | <b>\$50,400,833</b> | <b>\$27,678,754</b> | <b>\$143,595,368</b> |
| <b>DPR = Deferred Renewal</b> | <b>\$1,284,782</b> | <b>\$6,184,397</b>  | <b>\$15,051,588</b> | <b>\$10,716,824</b> | <b>\$15,130,046</b> | <b>\$48,367,637</b>  |
| <b>PA = Plant Adaption</b>    | <b>\$0</b>         | <b>\$0</b>          | <b>\$879,532</b>    | <b>\$1,994,015</b>  | <b>\$7,068,137</b>  | <b>\$9,941,683</b>   |
| <b>TOTALS</b>                 | <b>\$1,858,487</b> | <b>\$10,594,524</b> | <b>\$76,463,069</b> | <b>\$63,111,672</b> | <b>\$49,876,937</b> | <b>\$201,904,688</b> |

|                                  |                      |
|----------------------------------|----------------------|
| <b>Facility Replacement Cost</b> | <b>\$921,849,067</b> |
|----------------------------------|----------------------|

|                                       |             |
|---------------------------------------|-------------|
| <b>Facility Condition Needs Index</b> | <b>0.22</b> |
|---------------------------------------|-------------|

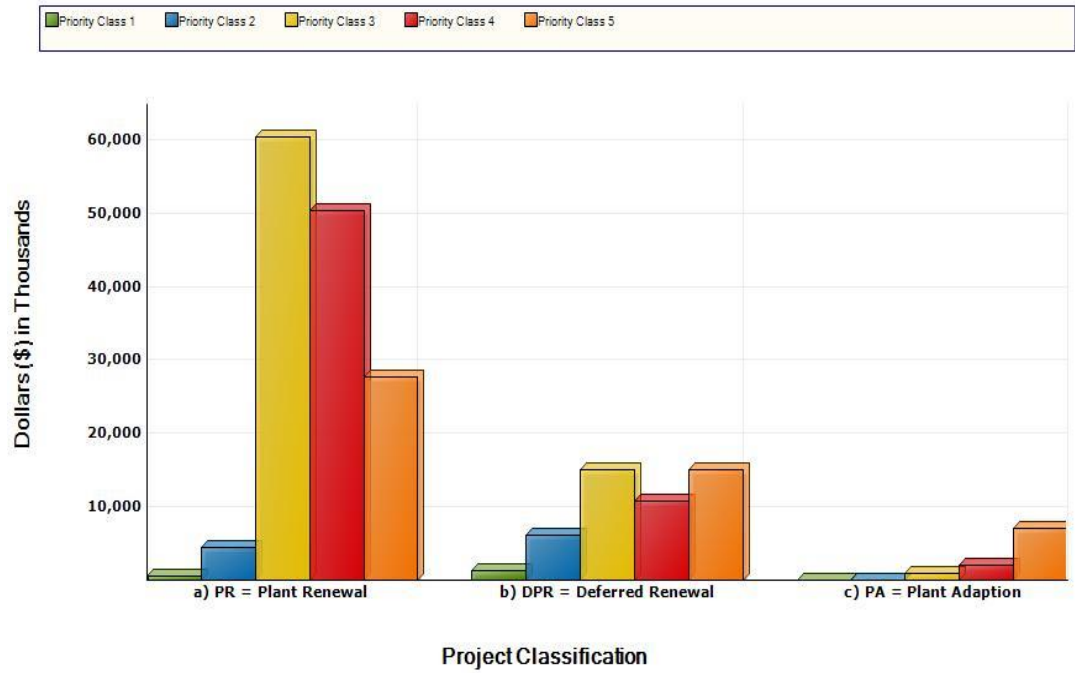
|                          |                  |
|--------------------------|------------------|
| <b>Gross Square Feet</b> | <b>3,095,954</b> |
|--------------------------|------------------|

|                                   |                |
|-----------------------------------|----------------|
| <b>Total Cost Per Square Foot</b> | <b>\$65.20</b> |
|-----------------------------------|----------------|

# FACILITY CONDITION ANALYSIS

## Project Class by Priority Class

ALL : ALL BUILDINGS





**Detailed Project Total  
Facility Condition Analysis  
System Code by Project Class**

| System Code | System Description      | PR = Plant Renewal   | DPR = Deferred Renewal | PA = Plant Adaption | Subtotal             | %              |
|-------------|-------------------------|----------------------|------------------------|---------------------|----------------------|----------------|
| AC          | ACCESSIBILITY           | \$2,470,466          | \$491,431              | \$63,108            | \$3,025,005          | 1.50%          |
| EL          | ELECTRICAL              | \$10,238,216         | \$3,603,440            | \$612,606           | \$14,454,261         | 7.16%          |
| EN          | ENERGY                  | \$2,157,934          | \$1,774,168            | \$0                 | \$3,932,102          | 1.95%          |
| ES          | EXTERIOR                | \$12,572,078         | \$4,902,925            | \$116,846           | \$17,591,849         | 8.71%          |
| FS          | FIRE/LIFE SAFETY        | \$8,698,081          | \$1,114,782            | \$8,649,623         | \$18,459,580         | 9.14%          |
| HE          | HEALTH                  | \$439,906            | \$704,124              | \$0                 | \$1,144,029          | 0.57%          |
| HT          | HIGH TEMP/HEAT WATER    | \$10,554,192         | \$1,618,468            | \$0                 | \$12,172,660         | 6.03%          |
| HV          | HVAC                    | \$31,803,508         | \$6,453,230            | \$0                 | \$38,256,739         | 18.95%         |
| IS          | INTERIOR/FINISH SYS.    | \$20,746,713         | \$6,260,987            | \$499,500           | \$27,507,200         | 13.62%         |
| IT          | INFORMATION TECHNOLOGY  | \$22,075,205         | \$0                    | \$0                 | \$22,075,205         | 10.93%         |
| PL          | PLUMBING                | \$17,637,805         | \$1,476,530            | \$0                 | \$19,114,335         | 9.47%          |
| RW          | ROAD/WALKS/PARKING LOTS | \$1,686,504          | \$1,375,582            | \$0                 | \$3,062,086          | 1.52%          |
| SI          | SITE                    | \$1,625,967          | \$15,805,881           | \$0                 | \$17,431,848         | 8.63%          |
| SS          | SECURITY SYSTEMS        | \$0                  | \$41,048               | \$0                 | \$41,048             | 0.02%          |
| VT          | VERT. TRANSPORTATION    | \$888,793            | \$2,747,948            | \$0                 | \$3,636,741          | 1.80%          |
|             | <b>TOTALS</b>           | <b>\$143,595,368</b> | <b>\$48,370,544</b>    | <b>\$9,941,683</b>  | <b>\$201,904,688</b> | <b>100.00%</b> |

|                           |               |
|---------------------------|---------------|
| Facility Replacement Cost | \$921,849,067 |
|---------------------------|---------------|

|                                |      |
|--------------------------------|------|
| Facility Condition Needs Index | 0.22 |
|--------------------------------|------|

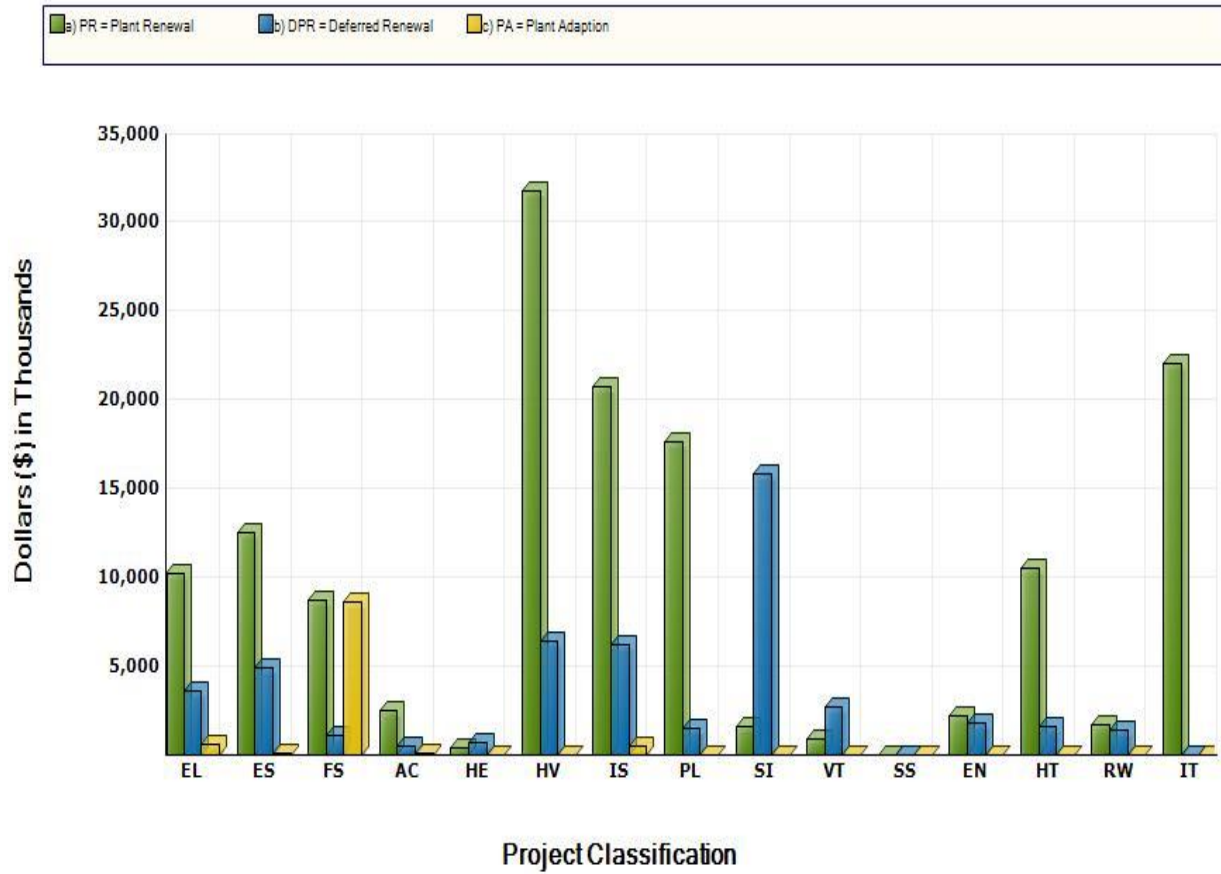
|                   |           |
|-------------------|-----------|
| Gross Square Feet | 3,095,954 |
|-------------------|-----------|

|                            |         |
|----------------------------|---------|
| Total Cost Per Square Foot | \$65.20 |
|----------------------------|---------|

# FACILITY CONDITION ANALYSIS

## System Code by Project Class

ALL : ALL BUILDINGS



**Detailed Project Total  
Facility Condition Analysis  
System Code by Priority Class**

**Priority Class**

| Code | System Description     | 1                  | 2                   | 3                   | 4                   | 5                   | Subtotal             |
|------|------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
|      |                        | FY 14              | FY 15               | FY 16-19            | FY 20-23            | FY 24+              |                      |
| AC   | ACCESSIBILITY          | \$29,262           | \$151,948           | \$1,188,564         | \$1,223,765         | \$431,465           | \$3,025,004          |
| EL   | ELECTRICAL             | \$97,558           | \$425,429           | \$3,301,824         | \$2,296,657         | \$8,332,793         | \$14,454,261         |
| EN   | ENERGY                 | \$41,295           | \$378,875           | \$1,189,857         | \$1,645,770         | \$676,307           | \$3,932,104          |
| ES   | EXTERIOR               | \$236,008          | \$1,544,636         | \$6,283,341         | \$8,250,428         | \$1,277,436         | \$17,591,849         |
| FS   | FIRE/LIFE SAFETY       | \$154,737          | \$806,606           | \$3,907,377         | \$5,383,544         | \$8,207,316         | \$18,459,580         |
| HE   | HEALTH                 | \$46,264           | \$380,571           | \$290,096           | \$396,413           | \$30,684            | \$1,144,029          |
| HT   | HIGH TEMP/HEAT WATER   | \$102,324          | \$518,123           | \$6,810,168         | \$4,093,153         | \$648,893           | \$12,172,660         |
| HV   | HVAC                   | \$328,495          | \$2,876,630         | \$11,064,727        | \$19,983,002        | \$4,003,885         | \$38,256,739         |
| IS   | INTERIOR/FINISH SYS.   | \$691,723          | \$2,650,834         | \$9,145,800         | \$7,853,172         | \$7,165,671         | \$27,507,200         |
| IT   | INFORMATION TECHNOLOGY | \$10,262           | \$0                 | \$15,579,795        | \$1,515,930         | \$4,969,219         | \$22,075,205         |
| PL   | PLUMBING               | \$70,559           | \$495,196           | \$9,373,555         | \$5,760,994         | \$3,414,031         | \$19,114,335         |
| RW   | ROAD/WALKS/PARKING LOT | \$0                | \$45,496            | \$2,431,980         | \$543,795           | \$40,814            | \$3,062,086          |
| SI   | SITE                   | \$0                | \$160,206           | \$3,713,279         | \$3,634,502         | \$9,923,862         | \$17,431,848         |
| SS   | SECURITY SYSTEMS       | \$0                | \$41,048            | \$0                 | \$0                 | \$0                 | \$41,048             |
| VT   | VERT. TRANSPORTATION   | \$50,000           | \$118,928           | \$2,182,706         | \$530,546           | \$754,562           | \$3,636,741          |
|      | <b>TOTALS</b>          | <b>\$1,858,487</b> | <b>\$10,594,526</b> | <b>\$76,463,069</b> | <b>\$63,111,671</b> | <b>\$49,876,938</b> | <b>\$201,904,688</b> |

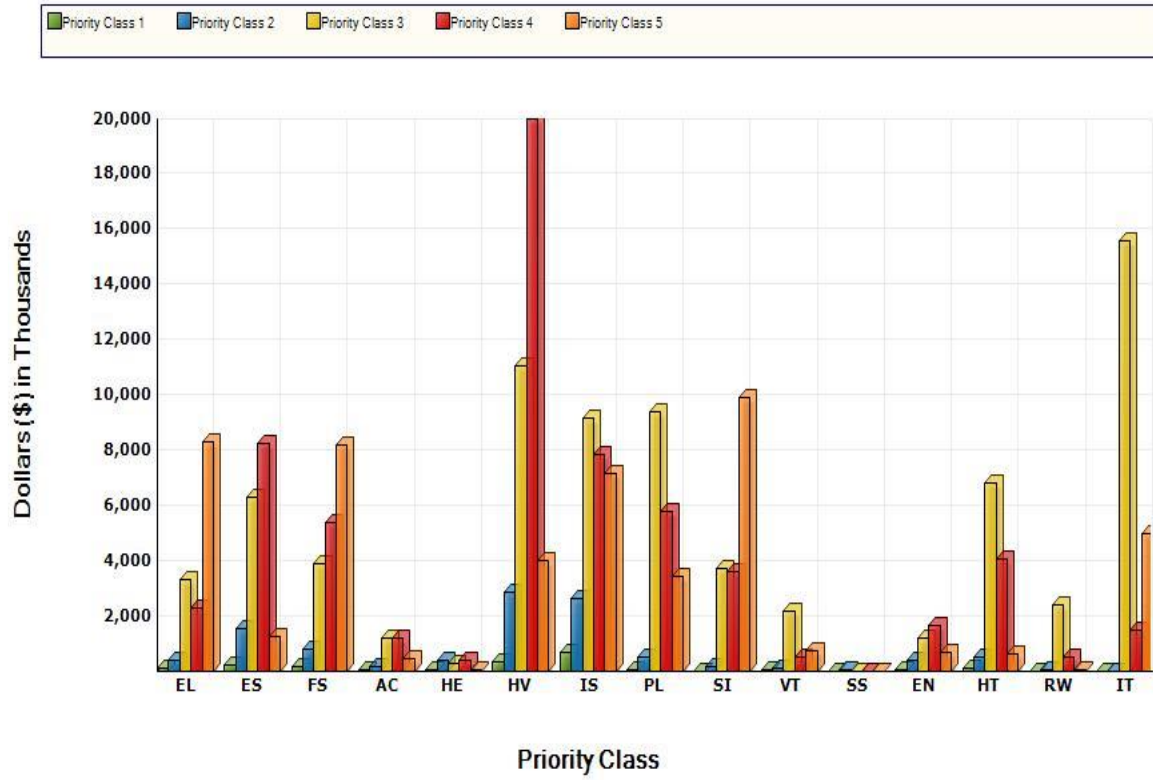
|                           |               |
|---------------------------|---------------|
| Facility Replacement Cost | \$921,849,067 |
|---------------------------|---------------|

|                                |      |
|--------------------------------|------|
| Facility Condition Needs Index | 0.22 |
|--------------------------------|------|

|                   |           |
|-------------------|-----------|
| Gross Square Feet | 3,095,954 |
|-------------------|-----------|

|                            |         |
|----------------------------|---------|
| Total Cost Per Square Foot | \$65.20 |
|----------------------------|---------|

**FACILITY CONDITION ANALYSIS**  
**System Code by Priority Class**  
**ALL : ALL BUILDINGS**



## **V. Implementation Plan**

### **State Funding Request**

In the future, as additional state projects are considered, Oakland University has need for the following based on program growth, opportunity and State needs:

### **Oakland University Varner Hall Expansion**

The proposed Oakland University Varner Hall Expansion is the University's highest priority capital outlay request and is designed to provide state-of-the-art instructional facilities for rapidly growing academic programs in the Social Science disciplines of Psychology, Political Science/Public Administration, History, Sociology, Anthropology, Social Work, and Criminal Justice, as well as the disciplines of Communication/Journalism, Writing and Rhetoric, and Music, Theater, and Dance. The facility will house classrooms, studios, practice rooms, research and computer labs, and faculty and administrative offices. The project will encompass primarily new construction and will be directly attached to the existing Varner Hall, currently the home for many of these departments. The expanded facility will provide technology enabled, discipline specific teaching studios reflecting advanced design that will accommodate students in dozens of majors offered by the numerous departments in the College of Arts and Sciences. The proposed Varner Hall Expansion will total approximately 258,000 gross square feet of new academic space. This represents a 106% total increase in space for the units involved. Additional space is crucial to address the current severe space shortages as well as to sustain the desired growth in enrollment across the College of Arts and Sciences, which produces 62% of the University's student credit hours. The proposed Varner Hall Expansion is designed to accommodate the growth in size and diversity of academic programs that promote the quality of our educational, scholarly, and community outreach activities. The proposed project will provide a focal point for units in the College of Arts and Sciences that serve the region of Southeast Michigan.

### **University Funded Priorities**

#### **Campus Infrastructure (funded)**

All subprojects associated with the infrastructure improvements are presently under construction or are complete and operational. They include improvements to the existing high temperature hot water distribution system (completed and operational), the construction of an independent and secure structure that will house information technology hardware (complete and operational), the renovation of O'Dowd Hall's curtain wall system (complete and operational), and the technology and wiring upgrades to O'Dowd Hall (nearly complete).

#### **Oakland University William Beaumont School of Medicine (OUWB) Renovations (funded)**

Currently in design or various stages of construction, these renovations consist of approximately 32,000 square feet in Hannah Hall and 23,000 square feet in O'Dowd Hall. The outcome will be a new gross anatomy lab, expanded student lounge,

upgrades to 6 classrooms, expanded study areas, active learning classroom space and other academic department enhancements.

#### Undergraduate Student Housing (funded)

Phase I, currently under construction, consists of 504 additional beds to support the growing demand for on campus student housing. Expanding housing is in keeping with the campus master plan goal of having 4,000 residential students at Oakland University by year 2030.

#### Parking Garage (funded)

A new parking deck, currently under construction, will provide 1,245 additional parking spaces to accommodate the increased demand as Oakland University grows.

#### Elliott Tower (funded)

The Elliott Tower development, currently under construction, will enhance the campus experience by providing a unique recognizable structure that will be visible from locations on campus and off. It will provide needed outdoor gathering space for the campus community. The entire cost is funded by a generous gift from Hugh and Nancy Elliott.

#### North Foundation Admissions Welcome Center (funded)

The renovation of existing space in North Foundation Hall, currently under construction, will enhance and support the activities of the admissions department. It will become the destination hub for student recruitment and retention and will serve as the University's front door.

#### PSS Renovation (funded)

A phased renovation, this work will provide infrastructure, space and operational enhancements for Oakland's Police department.

#### QUEC (funded)

Funded by the State and University matching funds as part of the 2012 Capital Outlay, the 128,000 square foot Engineering Center is currently under construction. It will provide state-of-the-art instructional, research and development space for the School of Engineering and Computer Science and will be occupied fall of 2014.

#### Upper Fields Development (funded)

The sports and recreation complex currently under construction will provide tennis courts, soccer fields, track, campus recreation fields, grand stand and support structures for Oakland's Athletic and Campus Recreation programs.

### Facilities Management Addition (funded)

Construction of the Facilities Management Addition to the Building and Grounds Building currently under construction will consolidate the departments within the Facility Management Organization, provide needed space and promote a more efficient operation.

### **Plant Renewal / Deferred Plant Renewal**

As previously noted, Plant Renewal and Deferred Plant Renewal projects total \$192 million of the \$202 million Facility Condition Analysis. The current annual investment into deferred plant renewal and plant renewal is approximately \$1.6 million from General Fund budgets and maintenance endowments; between \$1.5 million and \$5.0 million from Auxiliaries Maintenance Reserves; and \$0.7 million from University Technology Services budgets.