

UNIVERSITY OF CENTRAL FLORIDA



2015 EDUCATIONAL PLANT SURVEY

FACILITIES INVENTORY VALIDATION: OCTOBER 6, 2015
SPACE NEEDS ASSESSMENT: OCTOBER 7, 2015

EFFECTIVE JULY 1, 2016 – JUNE 30, 2021

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*Updated with supplemental survey

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Educational Plant Survey Team

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October 6, 2015

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October 7, 2015

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I. Introduction

An Educational Plant Survey (Survey) is required by Florida Statutes for all public educational entities. The State University System requires that, at a minimum of every five years, each university report on its existing facilities and also project its future facilities needs for the next five years.

Definitions and Requirements for the Educational Plant Survey

An Educational Plant Survey is defined in s.1013.01(8) Florida Statutes, as a “systematic study of present educational and ancillary plants and the determination of future needs to provide an appropriate educational program and services for each student based on projected capital outlay FTEs approved by the Department of Education.”

The term “educational plant” is defined in s.1013.01(7) F.S., as those areas comprising “the educational facilities, site, and site improvements necessary to accommodate students, faculty, administrators, staff, and the activities of the educational program of each plant.”

The term “ancillary plant” is defined in s.1013.01(1) F.S., as an area comprising “the building, site, and site improvements necessary to provide such facilities as vehicle maintenance, warehouses, maintenance, or administrative buildings necessary to provide support services to an educational program.

A Survey is required at least every five years pursuant to s.1013.31 (1) F.S. In addition, 1013.64(4)(a) F.S. requires that each remodeling and/or renovation project, included in the 3-year priority list, submitted to the legislature by the Florida Board of Governors be recommended pursuant to 1013.31 or be for the purpose of correcting health and safety deficiencies, and that the educational specifications be approved by the Florida Board of Governors in order for new construction to be included in the first year of the list.

PECO (Public Education Capital Outlay) Funds are the primary source available to universities for academic and support facilities. By definition, as found in Section 1013.01(16) Florida Statute, a PECO Funded Project is any “site acquisition, renovation, remodeling, construction projects, and site improvements necessary to accommodate buildings, equipment, other structures, and educational use areas that are built, installed, or established to serve primarily the educational instructional program of the district school board, Florida College System institution board of trustees, or university board of trustees.”

Surveys may be amended if conditions warrant a change in the construction program. Each *revised* Educational Plant Survey and each *new* Educational Plant Survey supersedes previous Surveys. This report may be amended, if conditions warrant, at the request of the department of the commissioner (s.1013.31(1)(a) F.S.). Recommendations contained in a Survey report are null and void when a new Survey is completed.

II. Overview of the Survey Process

The Purpose of the Educational Plant Survey

The purpose of the Survey is to aid in the formulation of five-year plans to house the educational programs and student population, faculty, staff, and auxiliary and ancillary services of the campus. Specific recommendations are provided to assist in the facilities planning process. The Survey should be considered as one element in the overall facilities planning process, which begins with the master planning process, and includes the capital improvement element of the Campus Master Plan for the long term physical development of the university, the shorter term Five-Year Capital Improvement Program, and the development of specific building programs prior to submitting a request for funding.

Types of Facilities Addressed in the Survey

The following nine categories of space have been identified as those needed to meet educational program requirements: Classroom, Teaching Laboratory, Study, Research Laboratory, Office, Auditorium/Exhibit, Instructional Media, Gymnasium, and Campus Support Services. These categories are included within the nationally recognized space classifications, as identified within the Postsecondary Education Facilities Inventory and Classification manual, dated May 2006. The need for merchandising facilities, residential facilities, and special purpose non-credit facilities, such as demonstration schools, continuing education centers, or dedicated intercollegiate athletic facilities, are not addressed within this report. An evaluation of facilities needs associated with these activities would require a separate analysis of demand measures and program requirements.

The Survey Process

The Survey process comprises two main components: the Facilities Inventory Validation component and the Needs Assessment component. The fieldwork portion of the process is carried out by a Survey team, which is directed by the Survey leader from one of the university's sister institutions. Other survey team members include an architect from the Florida Board of Governors and professional staff from other universities. A survey facilitator is assigned by the subject university to facilitate logistics, collection of data for inventory validation, development of the Survey workbook used by the Survey Team, coordination of university activities, and final preparation and publication of this document. Significant preparation is necessary before each of the two Survey components is conducted. Table 1 identifies the main Survey activities and lead responsibilities.

Table 1
Educational Plant Survey Activities

Activity	Responsibility		
	University	Board of Governors	Survey Team
Establish schedule	✓	✓	
Letter to president		✓	
Dates, procedures, responsibilities, designation of University representatives; determine inventory sample for validation	✓		
Identification of existing/proposed “ineligible” space	✓		
Prepare facilities inventory reports (site/building/room reports)	✓		
Coordinate logistics for validation field work	✓		
Perform validation (on-site field work)	✓		✓
Update inventory based on validation	✓		
Provide established enrollment projections		✓	
Perform formula space needs analysis	✓		
Develop proposed projects & justification	✓		
Develop survey workbook: schedule, mission statement, site data, academic programs, enrollment, space needs, inventory data, project summaries & justifications	✓		
Develop comments regarding degree program facility needs	✓		
Develop comments regarding proposed projects (CIP & Master Plan)	✓		
Coordinate logistics for needs assessment field work	✓		
Perform needs assessment (on-site field work): review proposed projects in relation to programs, space needs, data, current inventory, and any special justification	✓		✓
Exit meeting	✓		✓
Prepare initial summary of survey recommendations			✓
Prepare final summary of survey recommendations	✓		
Prepare written report	✓		
Validate survey		✓	

III. Facilities Inventory Validation

Purpose of Validation

The main purpose of the Inventory Validation component is to ensure that the facilities inventory data, used in the subsequent Space Needs Assessment component, fairly represents the existing facilities available to support educational programs.

Sampling Technique

The Inventory Validation component of the Survey is accomplished by a sampling technique. The sample of buildings and rooms is selected from the Physical Facilities Inventory Report, a mainframe-based inventory system that contains data about sites, buildings, and rooms. Annually, in July, changes in the Space File are reconciled to specific project activity and submitted to the Board of Governors. The buildings selected for Inventory Validation include all buildings constructed since the last Survey, all buildings affected by major renovation or remodeling, all buildings for which the university desires to change the designated condition to a satisfactory or unsatisfactory status, and additional buildings necessary to achieve a reasonable representation of all space categories (see Table 2).

An analysis of past legislative appropriations is conducted to ensure that all new buildings and buildings affected by major renovation are included. Table 2 identifies the buildings included in the sample for validation. Facilities inventory reports, with room details and schematic floor plans, are prepared to aid the Survey Team as it inspects rooms within the selected buildings.

Functions of Survey Team during Validation

The main function of the Survey Team is to compare existing conditions, identified by viewing the space, with the reported inventory data. Identification of condition changes, variance in room sizes, and proper room use or space category classifications are the objective of the team. A list of variances is prepared and used to update the facilities inventory. If significant classification errors are detected, a complete inventory validation is scheduled. There were no significant variances identified during this validation process.

The Resulting Adjusted Inventory Data

The resulting inventory file, with any required adjustments, enables preparation of reports used in the Needs Assessment portion of the Survey. Summary reports of building and net assignable space information are included in Section VIII of this report.

Table 2
Buildings Included in Inventory Validation

Building #	Building Name	GSF
	<u>Site 1 - Main Campus</u>	
	Remodel/Renovation	
0012	Mathematical Sciences	106,523
0018	Colbourn Hall	83,957
0040	Engineering I	130,885
	New Construction	
0098	Classroom II	79,998
	Demolition	
0039	Wayne Densch II	15,876
0042	Utility Building 8	1,500
0046	Utility Building 9	592
0630	Band Trailer	3,648
	<u>Site 2 – South Orlando</u>	
	Demolition	
0701	South Orlando I	6,690
0702	South Orlando II	5,167
	TOTAL	434,836

IV: The Space Needs Assessment

Objective

The objective of the Survey Team during the Space Needs Assessment component is to develop specific project recommendations consistent with approved programs in the Campus Master Plan. The Space Needs Assessment activity includes an evaluation of the following elements:

- 1- projects proposed by the university
- 2- the results of applying a quantitative space needs model
- 3- any special justification presented by the university

University officials provide supporting information and any special justification for the proposed projects to the Survey Team in the form of a Survey workbook and presentations.

Types of Recommendations

The projects proposed by the university include site acquisition, site improvements, renovation, remodeling, and new construction. The projects are presented as part of an overall development plan that include identification of proposed uses of spaces to be vacated as a result of occupying new buildings and the remodeling of existing buildings.

Space Needs Formula

The Space Needs model applied is the State University System Space Needs Generation Formula. The formula was designed to recognize space requirements for a site based on academic program offerings, student enrollment by level, and research programs. A more complete explanation of the formula is provided in Appendix B. The most important measure in the formula is full-time-equivalent (FTE) student enrollment. Other important measures include positions, research activity, and library materials. The following space categories are included in the formula:

Instructional/Research

Classrooms
Teaching Laboratories
Research Laboratories

Academic Support

Study Facilities
Instructional Media
Auditorium/Exhibition
Teaching Gymnasium

Institutional Support

Office/Computer
Campus Support

Application of the formula results in unmet space needs that are then compared to the effect of proposed projects on the facilities inventory. In cases where the formula does not support a proposed project, the justification provided by the university is considered. Such justification may include the unique space requirements associated with a particular program. In some cases, the proposed facilities meet program requirements that are not addressed in the formula. An example of such a case is a large wind tunnel facility or linear accelerator facility that far exceeds the space allowances provided in the formula. This type of space is regarded as ineligible to meet the space needs generated by the formula. Similar treatment is given to unique facilities within the existing facilities inventory, to ensure that formula space needs are compared to facilities designed to meet those needs. The results of applying the formula for the UCF Survey are identified within Section IX of this report.

V. Overview of the University

President

John C. Hitt, Ph.D.

Accreditation

University of Central Florida is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, and doctoral degrees.

Degree Programs

- 93 undergraduate degree programs
- 84 graduate degree programs
- 3 specialist programs
- 31 doctorate degree programs
- 1 professional (medicine) degree program

Colleges

- College of Arts and Humanities
- The Burnett Honors College
- College of Business Administration
- College of Education and Human Performance
- College of Engineering and Computer Science
- College of Graduate Studies
- College of Health and Public Affairs
- College of Medicine
- College of Nursing
- College of Optics and Photonics
- Rosen College of Hospitality Management
- College of Sciences
- Undergraduate Studies

Students

- Number of students: 54,513 undergraduate, 8,489 graduate
- Of all students, 24% are from Orange County; 69% are from other Florida counties; 7% are from other US states or are international
- Average SAT score for new students is 1256
- Average high school grade point average (GPA) for incoming UCF students is 3.92
- \$145.6 million received in research funding in 2013-2014
- 7,883 students reside in on-campus housing

Campus Sites

Site 1 – Main Campus

- 1,415 acres
- 1/3 of campus is managed for conservation
- 165 completed buildings
- 7,862,933 square feet

Site 2 – UCF South Orlando

- 20 acres
- 11,857 square feet
- 2 unoccupied buildings

Site 3 – UCF Cocoa

- 1 acre
- 71,940 square feet
- 2 joint-use facilities with Eastern Florida State College
- Florida Solar Energy Center secondary site

Site 4 – Daytona Beach #1

- 21 acres
- 1 building
- No UCF presence at this site

Site 6 – Daytona Beach #2

- 1 acre
- 90,103 square feet
- 1 joint-use building

Site 7 – Florida Solar Energy #1

- 1 acre
- Originally leased from the Port Canaveral Authority
- No UCF presence at this site

Site 8 – Florida Solar Energy #2

- 10 acres
- 13,645 square feet
- 2 permanent and 20 relocatable buildings
- Florida Solar Energy Center auxiliary site

Site 9 – McKay Tract

- 133.5 acres
- Undeveloped site

Site 10 – Florida Solar Energy #3

- 20 acres
- 94,600 square feet
- 11 UCF-owned buildings
- Site leased from Eastern Florida State College
- Florida Solar Energy Center primary site

Site 11 – UCF Executive Development Center

- 0.3 acres
- 32,693 square feet
- 1 building
- Historical site

Site 12 – Orlando Metro Area

- 0.1 acres
- 300,760 square feet
- 8 buildings
- Consists of various leased spaces

Site 13 – UCF Palm Bay

- 173.9 acres
- 139,014 square feet
- 2 buildings
- Joint-Use Library with Eastern Florida State College

Site 14 – Research Park

- 0.1 acres
- 403,794 square feet
- 11 buildings, 6 UCF-owned
- Consists of various leased administrative and research spaces

Site 15 – Rosen College of Hospitality Management

- 20 acres
- 305,770 square feet
- 1 educational building, 2 housing buildings

Site 16 – Health Sciences Campus

- 75.2 acres
- 374,100 square feet
- College of Medicine campus
- 2 educational buildings, 1 facilities building

University of Central Florida - Vision

UCF has embarked on a bold venture to become a new kind of university that provides leadership and service to the Central Florida city-state. While sustaining bedrock capabilities in the future, the university will purposely pursue new strengths by leveraging innovative partnerships, effective interdisciplinarity, and a culture of sustainability highlighted by a steadfast commitment to inclusiveness, excellence, and opportunity for all.

Approved by the UCF Board of Trustees, May 21, 2009.

University of Central Florida - Mission

The University of Central Florida is a public, multi-campus, metropolitan research university that stands for opportunity. The university anchors the Central Florida city-state in meeting its economic, cultural, intellectual, environmental, and societal needs by providing high-quality, broad-based education and experience-based learning; pioneering scholarship and impactful research; enriched student development and leadership growth; and highly relevant continuing education and public service initiatives that address pressing local, state, national, and international issues in support of the global community.

Approved by the UCF Board of Trustees, May 21, 2009.

University of Central Florida Values

The University of Central Florida's values comprise the foundational principles that guide the conduct, performance, and decisions of the university, its students, and its employees.

- **Integrity**

I will practice and defend academic and personal honesty.

- **Scholarship**

I will cherish and honor learning as a fundamental purpose of my membership in the UCF community.

- **Community**

I will promote an open and supportive campus environment by respecting the rights and contributions of every individual.

- **Creativity**

I will use my talents to enrich the human experience.

- **Excellence**

I will strive toward the highest standards of performance in any endeavor I undertake.

UCF will cultivate an engaging attitude of awareness, innovation, courage, and agile responsiveness in its members to promote discovery and address emerging needs within the university and the Central Florida city-state. The entire university community is empowered to identify, seek, develop, and capitalize on opportunities that arise in the future and meet the vision of the university.

Statement of Strategy

UCF will pursue its goals by favoring tactics that feature partnerships and interdisciplinary approaches to problems of significance to the university and the Central Florida city-state. We will sustain our abiding commitments to inclusiveness, excellence in all endeavors, and opportunity for all. UCF plans to sustain programs in its areas of historic strength – such as engineering, business, computer science, the natural sciences, and teacher education – and have the confidence and nimbleness to exploit strategic opportunities in areas as diverse as medicine, the performing arts, and emerging fields.

University of Central Florida – Guiding Principles

Goal 1: Offer the best undergraduate education available in Florida.

Goal 2: Achieve international prominence in key programs of graduate study and research.

Goal 3: Provide international focus to our curricula and research programs.

Goal 4: Become more inclusive and diverse.

Goal 5: Be America's leading partnership university.

University of Central Florida - Historical Perspective

The university was founded by the Florida Legislature on June 10, 1963, and opened in 1968 as the Florida Technological University. The university's mission included educating current and future students for promising space-age careers in engineering, electronics and other technological professions to support the growing U.S. space programs at the Kennedy Space Center and Cape Canaveral Air Force Station on Florida's Space Coast. The official university seal, Pegasus, the winged horse of the muses in Greek mythology was selected, with a single star, and the motto "Reach for the Stars" was introduced. The motto was a challenge and admonition to students always to aim high, try harder and go beyond what they believed possible.

On December 6, 1978, the Florida Legislature changed the institution's name to University of Central Florida. This name change reflected the changing role of the University in the Central Florida area. Initially, the university was developed as a "Space University," but as the academic scope expanded beyond its original focus on engineering and technology, the University began to acquire a broader educational mission.

Also in 1978, the Central Florida Research Park, the first of its kind in the state, was founded. Created by UCF in partnership with Orange County, the site is 1,400 acres of land contiguous to the campus and is home to the U.S. Naval Training Systems Center, Harris Corporation's Government Support Systems Division, and more than 60 other research and development tenants. The Central Florida Research Park is the seventh largest research park in the nation and the largest in Florida.

Presently the university's assigned role within the Florida Board of Education – Division of Colleges and Universities, is that of a general-purpose institution offering degree programs at all levels of instruction. In addition, the university has the responsibility of assisting in the economic development of the Central Florida region, especially in the areas of high technology and tourism. The University offers educational and research programs, which complement a diverse economy with strong components in such fields as aerospace, finance, electronics, health, and tourism.

Enrollment has increased substantially since the university opened in 1968. When classes began, 1,948 students were enrolled. Today, there are 63,002 students attending classes on the main campus and eleven area campuses. There are thirteen colleges offering over 212 academic programs. More than 281,389 degrees have been awarded since the first commencement on June 10, 1970.

Organization of University of Central Florida

The University of Central Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, masters, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of University of Central Florida.

Professional Accreditations/Specialized Programs

Accreditation Committee of the Human Factors and Ergonomics Society

American Chemical Society (ACS) Committee on Professional Training

American Medical Association

American Psychological Association (APA)

Association of University Programs in Health Administration (AUPHA)

Commission on Accreditation of Athletic Training Education (CAATE)

Commission on Accreditation of Healthcare Management Education (CAHME)

Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

Commission on Accreditation in Physical Therapy Education (CAPTE)

Commission on Collegiate Nursing Education (CCNE)

Computing Accreditation Commission (CAC) of ABET

Council on Academic Accreditation in Audiology and Speech Language Pathology (CAA)

Council for Accreditation of Counseling and Related Educational Programs (CACREP)

Council on Social Work Education (CSWE)

Engineering Accreditation Commission (EAC) of ABET Inc.

Florida Department of Education

Florida Board of Nursing

Liaison Committee on Medical Education Association of American Medical Colleges

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)

National Association of Schools of Music (NASM)

National Association of Schools of Public Affairs and Administration/Commission on Peer Review and Accreditation (NASPAA)

National Association of School Psychologists (NASP)

National Council for Accreditation of Teacher Education (NCATE)

Southern Association of Colleges & Schools Commission on Colleges (SACSCOC)

The Accreditation Council for Cooperative Education

The Association to Advance Collegiate Schools of Business (AACSB International)

The Commission on English Language Program Accreditation

University of Central Florida - Campuses and Other Locations

Main Campus (Site 1)

The University of Central Florida (UCF) is located in East Central Florida (Orange County), a region with a population of about two million people. Known principally for its tourist attractions, the area is one of the fastest growing regions in the nation. The Main Campus, Site 1, is located in the Orlando suburbs, 13 miles east of downtown Orlando, on 1,415 acres of land. The campus currently supports 165 buildings.

UCF South Orlando (Site 2)

The South Orlando Center (Orange Co.), Site 2, known as “UCF South Orlando Campus,” is located at 7300 Lake Eleanor Drive. The center consists of two permanent buildings set on 20 acres of land. The site was used primarily for non-credit courses; conferences; seminars; short courses; workshops; and undergraduate, graduate, and Florida Engineering Education delivery System credit courses. Currently, the site is closed.

UCF Cocoa and UCF Palm Bay (Sites 3 and 13)

The UCF Cocoa campus, Site 3, houses two joint-use facilities and is located at 1519 Clearlake Road in the northwest part of Cocoa (Brevard Co.). The Cocoa campus is the oldest and largest of the Eastern Florida State College (EFSC) campuses. The UCF Cocoa faculty also delivers programs and courses at the Palm Bay, Site 13, campus. The UCF Palm Bay campus is located at 250 Community College in Palm Bay (Brevard Co.). The UCF Palm Bay Campus offers several baccalaureate programs, including Early Childhood Education, Psychology, and Business.

Daytona Beach #1 (Site 4)

The Daytona State College Campus (DSCC) (Volusia Co.) is located in the west-central part of Daytona Beach. The Daytona Beach Center, Site 4, is located at 215 South Clyde Morris Boulevard on 21 acres of land. This special purpose center site is no longer used by UCF.

Daytona Beach #2 (Site 6)

The Daytona State College Campus (Volusia Co.) houses a joint-use facility in the west-central part of Daytona Beach. The joint-use facility, Site 6, known as the “Higher Education Center,” is located at 1200 W. International Speedway Blvd., is housed on 1 acre of land, and was established in 1987. The UCF Daytona State College allows students to earn an associate of arts degree at DSCC and a baccalaureate degree at UCF.

Florida Solar Energy #1 (Site 7)

This site was an off-site, leased property in Port Canaveral owned by the Port Canaveral Authority. It was used temporarily to offer credit, non-credit, and CEU classes, but has been inactive since the Florida Solar Energy Center was relocated to its main site (Site 10) in Cocoa.

Florida Solar Energy #2 and #3 (Sites 8 and 10)

The Florida Solar Energy Center (Brevard Co.) has two sites. The first site, Site 8 is owned by the university and is located at 800 Greensboro Road in Brevard County. This site, approximately 2.05 miles from Eastern Florida State Campus on ten acres of land, consists of two permanent and 20 relocatable buildings used for offices, labs, and the Central Energy Plant. The second site, Site 10, is located at Eastern Florida State Campus on 20 acres of land. This site consists of five permanent buildings which house the administration offices and test laboratories.

UCF Executive Development Center (Site 11)

The UCF Executive Development Center (The Center) (Orange Co.), a historical site, is located at 36 West Pine Street in Downtown Orlando, half a block from Orlando's main street, Orange Avenue. The Center is within easy walking distance from City Hall, the Federal Building, and the County Courthouse, making it particularly convenient to employees who work downtown. The two-story, brick building was built in 1920. The City of Orlando purchased the building in 1995 and donated it to the university. The Center offers courses including executive and professional master's degree programs in Business Administration, as well as specialized executive education programs for individuals and organizations in the local, state, national, and international business communities. The facility consists of one permanent building on a 0.3-acre parcel of land.

Orlando Metro Area (Site 12)

The Orlando Metro Area site includes various leased spaces in Orange and Seminole Counties, including: McKnight Center, Center for Emerging Media, UCF Health at Quadrangle, and University Tower. These facilities house programs in the School of Visual Arts and Design, Business, and Health Sciences.

Research Park (Site 14)

This Orange County-area site includes various leased space, including: Research Pavilion, Burnett Biomedical Research Annex, Orlando Tech Center (100-700) and Innovative Center. Buildings owned by UCF include: Bennett Building II, III, and IV; and Partnership I, II, and III.

Rosen College of Hospitality Management (Site 15)

This Orlando-area site is home to the Rosen College of Hospitality Management. The site includes an educational building and two residential housing buildings. The educational building includes classrooms, an executive education center, a training dining room and bar, a beer and wine laboratory, test kitchens, an auditorium, a library, a café, and a bookstore. Rosen College's campus is the largest, most modern facility ever built for hospitality management education.

Health Sciences Campus (Site 16)

This Lake Nona-area site includes various health-related facilities including the University of Florida Research and Academic Center, the Veteran's Administration Hospital, the UCF College of Medicine, and Burnett Biomedical Sciences, as well as Nemours Children's Hospital, Sanford-Burnham Medical Research Institute, and the M.D. Anderson Cancer Research Institute. UCF was originally gifted 50 acres by a private land developer, and has added 25.2 additional acres.

VI. Academic Degree Programs

The academic degree programs of the university and student enrollment within the programs generate the primary demand for facilities. The approved programs for the university are identified within Table 3.

Table 3
Academic Degree Programs

<u>CIP</u>	<u>CIP TITLE</u>	<u>UCF</u>
4.0201	Architecture	B
4.0301	City/Urban, Community and Regional Planning	M
5.0107	Latin American Studies	B
9.0101	Speech Communication and Rhetoric	BM
9.0401	Journalism	B
9.0701	Radio and Television	B
9.0903	Advertising	B
11.0101	Computer and Information Sciences, General	BMR
11.0103	Information Technology	B
11.0199	Computer and Information Sciences, Other	M
13.0101	Education, General	MSR
13.0301	Curriculum and Instruction	M
13.0401	Educational Leadership and Administration, General	MSR
13.0404	Educational, Instructional, and Curriculum Supervision	M
13.0501	Educational/Instructional Technology	M
13.1001	Special Education and Teaching, General	BM
13.1101	Counselor Education/School Counseling and Guidance Services	M
13.1202	Elementary Education and Teaching	BM
13.121	Early Childhood Education and Teaching	BM
13.1299	Teacher Education and Professional Development, Specific Levels and Methods, Other	M
13.1302	Art Teacher Education	B
13.1305	English/Language Arts Teacher Education	B
13.1306	Foreign Language Teacher Education	B
13.1311	Mathematics Teacher Education	B
13.1312	Music Teacher Education	B
13.1314	Physical Education Teaching and Coaching	BM

13.1315	Reading Teacher Education	M
13.1316	Science Teacher Education/General Science Teacher Education	B
13.1317	Social Science Teacher Education	B
13.132	Trade and Industrial Teacher Education	BM
13.1399	Teacher Education and Professional Development, Specific Subject Areas, Other	M
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor	M
14.0201	Aerospace, Aeronautical and Astronautical/Space Engineering	BM
14.0801	Civil Engineering, General	BMR
14.0803	Structural Engineering	B
14.0901	Computer Engineering, General	BMR
14.1001	Electrical and Electronics Engineering	BMR
14.1003	Laser and Optical Engineering	BMR
14.1401	Environmental/Environmental Health Engineering	BMR
14.1801	Materials Engineering	MR
14.1901	Mechanical Engineering	BMR
14.3501	Industrial Engineering	BMR
15.1501	Engineering/Industrial Management	M
15.1601	Nanotechnology	M
16.0101	Foreign Languages and Literatures, General	B
16.0901	French Language and Literature	B
16.0905	Spanish Language and Literature	BM
22.0302	Legal Assistant/Paralegal	B
23.0101	English Language and Literature, General	BM
23.1302	Creative Writing	M
23.1303	Professional, Technical, Business, and Scientific Writing	R
23.1304	Rhetoric and Composition	B
24.0102	General Studies	B
24.0103	Humanities/Humanistic Studies	B
26.0101	Biology/Biological Sciences, General	BM
26.0102	Biomedical Sciences, General	BMR
26.1201	Biotechnology	BM
26.1307	Conservation Biology	MR
27.0101	Mathematics, General	B

27.0301	Applied Mathematics, General	MR
27.0501	Statistics, General	BM
30	Multi-/Interdisciplinary Studies, General	BM
30.0601	Systems Science and Theory	MR
30.2001	International/Global Studies	B
31.0504	Sport and Fitness Administration/Management	M
38.0101	Philosophy	B
38.0201	Religion/Religious Studies	B
40.0501	Chemistry, General	BMR
40.0801	Physics, General	BMR
42.0101	Psychology, General	BMR
42.2801	Clinical Psychology	M
42.2804	Industrial and Organizational Psychology	M
42.2805	School Psychology	S
43.0104	Criminal Justice/Safety Studies	BMR
43.0106	Forensic Science and Technology	BM
44.0401	Public Administration	BM
44.0701	Social Work	BM
44.9999	Public Administration and Social Service Professions, Other	MR
45.0101	Social Sciences, General	B
45.0201	Anthropology	BM
45.0601	Economics, General	BR
45.0999	International Relations and National Security Studies, Other	R
45.1001	Political Science and Government, General	BM
45.1101	Sociology	BMR
50.0102	Digital Arts	BM
50.0501	Drama and Dramatics/Theatre Arts, General	BM
50.0602	Cinematography and Film/Video Production	BM
50.0605	Photography	B
50.0701	Art/Art Studies, General	B
50.0702	Fine/Studio Arts, General	BM
50.0901	Music, General	M
50.0903	Music Performance, General	B
51	Health Services/Allied Health/Health Sciences, General	BM

51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist	BM
51.0701	Health/Health Care Administration/Management	B
51.0706	Health Information/Medical Records Administration/Administrator	BM
51.0913	Athletic Training/Trainer	B
51.1005	Clinical Laboratory Science/Medical Technology/Technologist	B
51.1201	Medicine	P
51.1505	Marriage and Family Therapy/Counseling	M
51.2308	Physical Therapy/Therapist	P
51.3801	Registered Nursing/Registered Nurse	BM
51.3808	Nursing Science	R
51.3818	Nursing Practice	P
52.0101	Business/Commerce, General	BM
52.0201	Business Administration and Management, General	BMR
50.0206	Non-Profit/Public/Organizational Management	M
52.0301	Accounting	BM
52.0601	Business/Managerial Economics	BM
52.0801	Finance, General	B
52.0901	Hospitality Administration/Management, General	BMR
52.0903	Tourism and Travel Services Management	M
52.0905	Restaurant/Food Services Management	B
52.0907	Meeting and Event Planning	B
52.1304	Actuarial Science	B
52.1401	Marketing/Marketing Management, General	B
52.1501	Real Estate	BM
52.1601	Taxation	M
54.0101	History, General	BM
Legend: B-Bachelors; M-Masters; A-Advanced Master; E-Engineering; S-Specialist; P-Professional Doctorate; R-Research Doctorate <i>From State University System of Florida Academic Program Inventory</i>		

VII. Analysis of Student Enrollment

Student enrollment is the single-most important measure used to develop facility requirements for a university. Enrollment is measured using full-time equivalent (FTE) enrollment. Each FTE is equivalent to 40 credit hours per academic year for undergraduates and 32 credit hours for graduates. First, FTE enrollment is reported by site, and then all enrollment not requiring facilities is deducted to determine the Capital Outlay FTE (COFTE). The level of enrollment used for Survey purposes is the level for the fifth year beyond the year the Survey is conducted. For this Survey, the projected enrollment used is for academic year 2019-2020.

The university's Board of Trustees approved the University Work Plan which includes planned enrollments for the next five years. This data was provided to the Survey Team and was used in the Survey. [Table 4](#) identifies the Statutorily Required Enrollment Plan (based on State-Fundable Florida FTE), taken from Page 18 of the [2014-15 University Work Plan](#).

Table 4
Enrollment Plan

Level	Funded	Planned Enrollment					
	2015-16	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<u>Florida Resident</u>							
Lower FTEs	n/a	11,355	11,637	11,896	12,123	12,384	12,615
Upper FTEs	n/a	21,623	22,152	22,650	23,083	23,576	24,015
Grad I FTEs	n/a	2,316	2,302	2,304	2,314	2,349	2,403
Grad II FTEs	n/a	595	615	632	661	685	709
Total	x,xxx	35,889	36,708	37,482	38,182	38,994	39,742
<u>Non-Resident</u>							
Lower FTEs	n/a	560	574	587	598	611	622
Upper FTEs	n/a	667	684	699	712	728	741
Grad I FTEs	n/a	375	373	373	375	381	390
Grad II FTEs	n/a	477	493	506	529	548	567
Total	x,xxx	2,079	2,123	2,165	2,214	2,267	2,320
<u>TOTALS</u>							
Lower FTEs	10,758	11,914	12,211	12,483	12,721	12,994	12,994
Upper FTEs	16,481	22,290	22,836	23,349	23,796	24,303	24,303
Grad I FTEs	2,899	2,691	2,676	2,677	2,689	2,730	2,730
Grad II FTEs	702	1,072	1,108	1,137	1,191	1,234	1,234
Total	30,840	37,968	38,831	39,647	40,396	41,261	42,062

*Note: Full-time Equivalent (FTE) student is a measure of instructional effort (and student activity) that is based on the number of credit hours for which a student enrolls. FTE is based on the Florida definition, which divides undergraduate credit hours by 40 and graduate credit hours by 32.

Medical Student Headcount Enrollment

Medical Doctorate Headcounts							
Resident	460	348	363	363	363	363	363
Non-Resident	xxx	112	117	117	117	117	117
Total	460	460	480	480	480	480	480

VIII. Inventory of Existing Sites and Buildings

The overview of the university includes a general description of the sites where educational program activity is carried out by the university. This section provides information about buildings located at the sites. Building numbering follows prescribed protocols; some numbers have not been assigned or have been removed due to facility removal from inventory.

The building information provided in Table 5 includes Status, Condition, Assignable Square Feet (ASF), and Gross Square Feet (GSF). Status identifies a building as permanent or temporary based on structural materials and life expectancy. A permanent building is a facility of either non-combustible or fire-resistive construction designed for a fixed location, with a life expectancy of more than 20 years. A temporary building is usually of wood frame type construction, with a life expectancy of less than 20 years.

Building condition identifies whether a building is satisfactory or unsatisfactory for its intended use. Determination of condition is based on the last Survey validation and any changes proposed by the university and concurred with by the Survey Team. Buildings considered satisfactory are classified as either satisfactory or in need of remodeling. Buildings considered unsatisfactory are classified as those to be terminated for use or scheduled for demolition, including modular and portable structures. Buildings found to be unsatisfactory during this Survey will be reflected in future reports.

The size of building spaces is provided as Assignable Square Feet (ASF), Non-ASF or Gross Square Feet (GSF). Building ASF refers to the sum of all areas on all floors assigned to, or available to be assigned to, and functionally usable by, an occupant, or equipment to support directly the program activities of the occupant. Building Non-ASF refers to the sum of all areas on all floors that are not available for program activities, such as circulation areas, custodial space, and mechanical areas. GSF is the sum of all floor areas included within the outside faces of exterior walls and other areas which have floor surfaces. All of the square footages that are listed in this document are based on the Physical Facilities submission to the BOG for FY 14-15.

The assignable space within educational buildings accommodates instructional, academic support, and institutional support functions of the university. As indicated within the Space Needs Assessment section, the following types of assignable spaces accommodate these functions:

Instructional/Research

Classrooms
Teaching Laboratories
Research Laboratories

Academic Support

Study Facilities
Instructional Media
Auditorium/Exhibition
Teaching Gymnasium

Institutional Support

Office/Computer
Campus Support

Table 6 identifies the amount of satisfactory eligible space, by space type, for each building that supports the above-stated functions. As stated within the Space Needs Assessment section, eligible space refers to whether the space meets a need identified as a formula-generated space need. The buildings included within these tables are only those located on land the university leases from the State of Florida or land leased for a long term to the university and on which buildings have been constructed by the university. Title to State land is vested in the Internal Improvement Trust Fund for the State of Florida.

Table 5
Building Inventory Report

SITE 1 - MAIN CAMPUS					
Bldg. Name	Site	Bldg. Status	Bldg. Condition	GSF	NASF
1 Millican Hall	1	1	1	87,742	56,178
2 John C. Hitt Library	1	1	1	226,506	144,097
3 Utility Building I	1	1	1	14,420	13,979
4 Storm Water Research Lab	1	1	1	2,685	1,957
5 Chemistry Building	1	1	1	49,073	29,336
6 Theatre	1	1	1	29,469	14,269
7 Jimmie Ferrell Stud Serv Commons	1	1	1	93,860	61,433
8 Volusia Hall	1	1	0	24,456	14,596
9 Lake Hall	1	1	0	24,456	14,596
10 Osceola Hall	1	1	0	24,456	14,596
11 Polk Hall	1	1	0	24,456	14,556
12 Mathematical Sciences Building	1	1	1	106,523	63,038
13 Technology Commons I	1	1	1	10,779	5,615
14 Howard Phillips Hall	1	1	1	64,619	35,638
16 Facilities & Safety	1	1	1	103,286	89,300
18 Colbourn Hall	1	1	1	83,957	41,119
19 Rehearsal Hall	1	1	1	10,743	6,008
20 Biological Sciences Building	1	1	1	116,607	67,154
21 Educational Complex & Gym	1	1	1	110,272	70,831
22 Print Shop	1	1	1	12,515	10,680
24 Creative School for Children 1	1	1	1	5,751	4,729
25 Recreation Support Building	1	1	1	3,025	2,063
26 John T. Washington Center	1	1	1	59,071	36,622
27 Counseling & Psychological Ser	1	1	1	15,250	8,367
28 Early Childhood Center	1	1	1	3,627	2,419
29 Technology Commons II	1	1	0	33,370	17,908
30 Brevard Hall	1	1	0	27,926	17,223
31 Orange Hall	1	1	0	37,241	23,065
32 Seminole Hall	1	1	0	37,241	23,048
33 Libra Community Center	1	1	0	4,698	2,646
35 Bike Storage 1	1	2	1	840	-
36 Outdoor Study Pavilion	1	2	1	330	-
38 Wayne Densch 1	1	1	1	18,860	13,395
39 Wayne Densch 2	1	1	1	15,876	11,240
40 Engineering I	1	1	1	130,885	78,113
41 Utility Building 4	1	1	1	96	85
42 Utility Building 8	1	1	1	1,500	1,473

44 Siemens Energy Center	1	1	1	10,932	10,297
45 Business Administration I	1	1	1	121,074	70,662
46 Utility Building 9	1	1	1	592	564
47 Utility Building 5	1	1	1	1,432	0
48 Lab & Environmental Support	1	1	1	9,569	6,009
50 UCF Arena	1	1	1	7,043	4,731
51 Visual Arts Building	1	1	1	370,773	60,808
52 Student Union	1	1	1	85,000	56,092
53 CREOL Building	1	1	1	161,755	90,903
54 College of Sciences Building	1	1	1	111,891	56,386
55 Lake Claire Building 55	1	1	0	54,644	32,785
56 Lake Claire Building 56	1	1	0	14,652	9,568
57 Lake Claire Building 57	1	1	0	14,652	9,568
58 Lake Claire Building 58	1	1	0	14,652	9,568
59 Lake Claire Building 59	1	1	0	14,652	9,568
60 Lake Claire Building 60	1	1	0	14,652	9,568
61 Lake Claire Building 61	1	1	0	14,652	9,568
62 Lake Claire Building 62	1	1	0	14,652	9,568
63 Lake Claire Building 63	1	1	0	14,652	9,568
64 Lake Claire Building 64	1	1	0	14,652	9,568
65 Lake Claire Building 65	1	1	0	14,652	9,568
66 Lake Claire Building 66	1	1	0	3,788	9,568
67 Lake Claire Building 67	1	1	0	14,652	9,568
68 Lake Claire Building 68	1	1	0	14,652	9,568
69 Lake Claire Building 69	1	1	0	14,652	9,568
70 Lake Claire Building 70	1	1	0	14,652	9,568
71 Barbara Ying Center	1	1	1	5,789	2,908
72 Utility Building 2	1	1	1	11,500	3,446
73 Housing Administration Bldg.	1	1	0	6,675	3,546
74 Robinson Observatory	1	1	1	2,070	1,100
75 Nicholson School Communication	1	1	1	81,576	47,831
76 Engine Research Lab	1	1	1	3,569	3,198
77 Wayne Densch Sports Center	1	1	1	45,330	30,611
78 Parking Garage I	1	1	1	387,638	197,822
79 Classroom Building I	1	1	1	79,998	53,934
80 Siemens Energy Center	1	1	1	97,129	53,072
81 Barbara Ying Center - CMMS	1	1	1	23,685	12,543
82 Jay Bergman Field	1	1	1	26,944	23,064
83 Parking Garage C	1	1	1	387,638	324,135
84 Sumter Hall	1	1	0	59,200	35,480
85 Citrus Hall	1	1	0	37,100	22,537
86 Flagler Hall	1	1	0	59,200	35,480
87 College of Arts & Humanities	1	1	1	12,243	7,016

88 Recreation and Wellness Cntr	1	1	1	156,111	103,191
89 Parking Garage B	1	1	1	387,638	240,374
90 Health & Public Affairs II	1	1	1	61,904	35,946
91 Engineering II	1	1	1	105,545	62,398
92 Biology Field Research Center	1	1	1	8,000	6,813
93 Teaching Academy	1	1	1	68,094	38,145
94 Business Administration II	1	1	1	60,809	34,381
95 Burnett Honors College	1	1	1	22,220	8,728
96 University Welcome Center	1	1	1	18,717	11,543
97 Parking Garage D	1	1	1	387,638	197,704
98 Classroom Building II	1	1	0	86,250	40,609
99 Psychology Building	1	1	1	76,257	44,380
100 Burnett House	1	1	0	14,393	7,352
101 Nike Building 101	1	1	0	38,686	26,830
102 Nike Building 102	1	1	0	42,731	29,514
103 Nike Building 103	1	1	0	41,617	30,564
104 Nike Building 104	1	1	0	53,130	40,576
105 Nike Building 105	1	1	0	4,856	4,082
106 Nike Building 106	1	1	0	53,130	41,561
107 Nike Building 107	1	1	0	4,856	4,082
108 Hercules Building 108	1	1	0	38,686	26,825
109 Hercules Building 109	1	1	0	42,731	29,454
110 Hercules Building 110	1	1	0	41,617	30,114
111 Hercules Building 111	1	1	0	53,130	40,495
112 Hercules Building 112	1	1	0	4,856	4,282
113 Hercules Building 113	1	1	0	53,130	40,574
114 Hercules Building 114	1	1	0	4,856	4,082
115 Academic Village Mail Center	1	1	0	961	502
116 Harris Corp Engineering Center	1	1	1	113,866	64,886
117 Ara Drive Research Facility	1	1	1	2,720	1,445
118 Leisure Pool Services	1	1	0	5,326	798
119 Performing Arts Center	1	1	1	83,670	39,457
121 Physical Sciences Building	1	1	1	128,887	66,581
122 Morgridge Int'l Reading Center	1	1	0	16,726	9,816
124 Bio Transgenic Greenhouse	1	1	1	6,111	5,664
125 Softball Stadium	1	1	0	6,412	3,881
126 Fairwinds Alumni Center	1	1	1	26,953	12,998
127 Health Center	1	1	0	48,392	28,163
128 Nicholson Field House	1	1	0	81,337	79,848
129 Tower 1	1	1	0	200,933	93,680
130 Tower 2	1	1	0	200,933	94,546
131 Parking Garage G	1	1	1	387,638	239,239
132 Tower 3	1	1	0	187,647	115,821

133 Tower 4	1	1	0	200,933	93,946
134 Parking Garage E	1	1	1	387,638	239,239
135 UCF Bright House Network Stad.	1	1	0	76,527	27,457
137 Knights Plaza	1	1	0	31,666	-
140 Career Serv & Exp Learning	1	1	0	27,000	12,294
141 Parking Garage F	1	1	1	387,638	239,239
142 Track/Soccer Stadium	1	1	0	7,607	6,753
147 Parking Garage A	1	1	0	487,433	196,791
150 Public Safety Building	1	1	1	36,240	18,807
151 Parking Garage H	1	1	0	400,200	374,668
152 AMPAC Research Facility	1	1	0	7,432	2,152
153 Visitor and Parking Inf.	1	1	1	2,260	1,476
154 MAE/OM Laboratory	1	1	0	10,692	7,092
156 Neptune Building 156	1	1	0	60,088	33,209
157 Neptune Building 157	1	1	0	65,359	35,980
158 Neptune Building 158	1	1	0	83,379	45,698
159 Housing Administrative Service	1	1	0	12,769	4,211
160 Libra Garage	1	1	0	345,624	337,489
301 Water Tower	1	1	0	0	0
302 Lynx Transit Station	1	1	0	0	0
303 Electric Substation 1	1	1	0	0	0
304 South Telecom Switch Building	1	1	1	742	0
305 Housing Water Heater Building	1	1	1	1,073	0
306 Electric Substation 2	1	1	0	0	0
307 Utility Building 6	1	1	1	1,656	0
308 WUCF Antenna Tower	1	1	0	360	304
310 Kiosk	1	1	1	283	139
311 Lake Claire Restroom Bldg.	1	1	6	386	0
312 Utility Building 6	1	1	6	163	0
317 Recreation Svcs. Soccer Field	1	2	0	400	0
318 Recreation Service Pavilion	1	2	0	504	504
319 Engineering Research Pavilion	1	2	6	1,250	1,056
320 Recreation Svcs Field Restrtn	1	1	0	2,290	51
321 Recreation Svcs. Field Maint.	1	1	0	3,918	3,232
322 EH&S Storage	1	2	6	207	191
323 Facilities & Safety Storage	1	2	6	207	191
324 Facilities & Safety Bulk Stora	1	2	6	207	191
326 Communication Storage Shed	1	2	0	3,600	0
327 Recycling Center Shed	1	2	0	3,600	0
328 Master Lift Station	1	1	0	933	0
329 Timothy R. Newman Pavilion	1	2	0	2,961	-
331 Lake Claire Pavilion 1	1	2	0	600	600
332 Lake Claire Pavilion 2	1	2	0	2,750	2,700

333 Lake Claire Pavilion 3	1	2	0	144	144
334 Lake Claire Boathouse	1	2	0	3,600	3,500
335 Lake Claire Pavilion 4	1	2	0	600	600
336 Lake Claire Utility	1	1	0	700	0
341 Biology Electrical Room	1	1	0	320	0
350 Emergency Svcs Training Bldg.	1	1	0	987	755
351 Fire Station No. 65	1	1	1	5,978	0
354 Utility Building 3 (CHP)	1	1	0	6,140	4,871
401 Zeta Tau Alpha	1	1	0	10,230	3,525
402 Scholarship House	1	1	0	4,038	2,913
403 Delta Delta Delta	1	1	0	9,470	0
404 Alpha Xi Delta	1	1	0	5,200	0
405 Pi Beta Phi	1	1	0	8,450	0
406 Alpha Delta Pi	1	1	0	5,477	0
407 Kappa Delta	1	1	0	4,969	0
409 Theta Chi	1	1	0	13,151	6,764
410 Alpha Tau Omega	1	1	0	10,000	0
411 Kappa Alpha Theta	1	1	0	11,518	7,062
412 Sigma Chi	1	1	0	6,000	0
413 Kappa Sigma	1	1	0	6,000	0
415 Fraternity and Sorority Life	1	1	0	4,314	1,806
416 Chi Omega	1	1	0	12,950	7,816
417 Kappa Kappa Gamma	1	1	0	12,950	7,063
525 Arboretum Portable	1	3	6	1,440	981
529 Creative School 1 st Grade	1	3	6	1,200	864
540 Creative School Module 2	1	3	6	1,440	1,099
541 Arts & Humanities Annex	1	3	6	5,376	3,313
546 Orange Co. Schools Systems	1	3	0	840	721
548 ICA Football Storage	1	2	0	240	220
630 Band Trailer	1	3	6	3,648	2,065
8111 Ctr Pub Saty/Forensic Sic/Secu	1	1	0	67,687	41,213
8119 Partnership 2	1	1	0	116,771	75,238
8126 Partnership 3	1	1	1	117,442	69,207
W001 Administration Bldg Walkways	1	7	0	6,268	0
W002 Library Walkways	1	7	0	4,400	0
W005 Chemistry Walkways	1	7	0	190	0
W006 Theatre Walkways	1	7	0	464	0
W007 Stdt Resource Ctr Walkways	1	7	0	1,721	0
W012 Health & Physics Walkways	1	7	0	1,475	0
W013 Computer Center Walkways	1	7	0	768	0
W014 Howard Phillips Hall Walkways	1	7	0	854	0
W016 Physical Plant Walkways	1	7	0	643	0
W017 Bldg. Services Bldg. Walkways	1	7	0	643	0

W019 Rehearsal Walkways	1	7	0	368	0
W020 Biological Sci Bldg. Walkways	1	7	0	704	0
W021 Ed Complex & Gym Walkways	1	7	0	850	0
W022 Print Shop Walkways	1	7	0	73	0
W023 Visitor Info Ctr Walkways	1	7	0	10	0
W024 Creative for Child 1 Walkways	1	7	0	1,202	0
W026 Stdtd Services Bldg. Walkways	1	7	0	294	0
W027 Stdtd Health Ctr Walkways	1	7	0	207	0
W028 Early Childhood Ctr Walkways	1	7	0	774	0
W029 Computer Center 2 Walkways	1	7	0	502	0
W033 Commons Bldg. Walkways	1	7	0	598	0
W038 WDSC1 Walkways	1	7	0	3,358	0
W039 WDSC2 Walkways	1	7	0	866	0
W040 Engineering Walkways	1	7	0	1,388	0
W043 Health Resource Ctr Walkways	1	7	0	32	0
W044 Engineering Field Lab Walkways	1	7	0	256	0
W045 Business Admin Walkways	1	7	0	2,965	0
W049 Campus Police Walkways	1	7	0	296	0
W050 UCF Arena Walkways	1	7	0	5,340	0
W051 Visual Art Walkways	1	7	0	5,761	0
W071 Intl Stdtd Ctr Walkways	1	7	0	828	0
W075 Communication Bldg. Walkways	1	7	0	652	0
W310 Kiosk Walkways	1	7	0	78	0
W515 Portable Classroom 2 Walkways	1	7	0	613	0
W518 Band Trailer Walkways	1	7	0	12	0
W528 Portable Classroom 3 Walkways	1	7	0	417	0
W533 Insurance/Crime Walkways	1	7	0	55	0
W534 Health Phy Therapy Walkways	1	7	0	86	0
SITE 2 – SOUTH ORLANDO CAMPUS					
701 South Orlando Campus Bldg. 1	2	1	1	6,690	4,542
702 South Orlando Campus Bldg. 2	2	1	1	5,167	3,467
SITE 3 – UCF COCOA					
1999 Brevard Lifelong Education	3	1	1	71,940	39,343
SITE 4 – UCF DAYT BCH #1					
801 Daytona Bch Campus Building	4	1	1	5,663	3,904

SITE 6 – UCF DAYT BCH #2					
803 Daytona Joint Use Facility 1	6	1	0	47,133	26,993
804 Daytona Joint Use Facility 2	6	1	0	42,970	14,386
SITE 8 – FLA SOLAR EN #2					
1910 FSEC Office Trailer	8	3	1	1,680	1,111
1913 FSEC Storage 2	8	3	1	288	276
1914 FSEC Storage 3	8	3	1	200	190
1915 FSEC Storage 4	8	3	1	200	190
1919 FSEC Storage 5	8	3	1	288	279
1924 FSEC A/C Test Trailer	8	33	1	335	309
1925 FSEC Appliance Lab & Train 1	8	3	1	1,680	1,603
1926 FSEC Appliance Lab & Train 2	8	3	1	1,680	1,603
1927 FSEC Appliance Lab & Train 3	8	3	1	1,680	1,603
1931 FSEC Alt Storage	8	3	0	200	200
1933 FSEC PV Testing	8	3	1	192	192
1939 Power/Comm Utility	8	1	0	320	0
1940 FSEC Application Test Facility	8	1	0	3,750	3,340
1950 FSEC Radiant Barrier Systems	8	3	1	1,152	1,092
SITE 10 – FLA SOLAR EN #3					
1941 Night Cool Test Shed 1	10	2	1	192	176
1942 Night Cool Test 2	10	2	1	192	192
1943 Tank Shed	10	2	1	160	160
1944 PV Data Test Shed	10	2	0	228	227
2001 FSEC Office Building	10	1	1	56,666	34,813
2002 FSEC Lab Building	10	1	1	27,482	22,816
2003 FSEC Mechanical Building	10	1	1	2,080	0
2004 Science Lab & training Facilit	10	1	1	2,000	1,530
2005 Manufacturing Housing Lab	10	2	1	1,600	1,458
2006 Flex Res Test Home – East	10	1	0	2,000	1,936
2007 Flex Res Test Home – West	10	1	0	2,000	1,936
SITE 11 – UCF EXEC DEV CT					
902 UCF Downtown	11	1	0	32,693	17,415
SITE 12 – ORLANDO AREA					
820 Lake Sumter Community College	12	4	0	100	100
906 Center for Emerging Media	12	1	1	130,000	64,979

1025 UCF Health at Quadrangle	12	1	0	32,693	17,415
8106 Housing Storage (Leased)	12	1	0	9,001	9,000
8109 McKnight Center (Leased)	12	1	0	2,222	288
8118 University Tower (Leased)	12	1	0	105,744	55,700
8301 Lucent Technologies Inc.	12	1	0	21,000	0
SITE 13 - UCF PALM BAY					
1980 Fl. Advanced Technology Center	13	1	0	134,000	1,489
1982 BCC/Palm Bay Classroom Bldg. 3	13	1	0	5,014	4,271
SITE 14 - RESEARCH PARK					
8102 Research Pavilion (Leased)	14	1	1	150,000	56,314
8108 Hazardous Materials Building	14	1	1	1,400	1,015
8110 University Tech Center (Leased)	14	1	0	83,454	11,671
8112 Innovative Center (Leased)	14	1	0	37,869	37,869
8113 Orlando Tech Center (300) (Leased)	14	1	0	2,222	1,044
8114 Biomolecular Research Annex (Leased)	14	1	0	6,001	6,000
8116 Bennett Building 2	14	1	0	83,454	9,351
8120 Orlando Tech Cntr (500) (Leased)	14	1	0	10	1
8121 Orlando Tech Center (Bldg 600) (Leased)	14	1	0	0	0
8129 Bennett Building 3	14	1	0	23,256	14,569
8130 Bennett Building 4	14	1	0	16,128	14,108
SITE 15 - ROSEN COL HOSPI					
903 Rosen College of Hospitality	15	1	0	158,980	100,545
904 Rosen College Housing 1	15	1	0	73,599	54,624
905 Rosen College Housing 2	15	1	0	73,191	49,596
SITE 16 - HEALTH SCIENCES					
1001 Burnett Biomedical Sciences	16	1	1	198,200	105,900
1002 College of Medicine	16	1	1	175,000	75,871
1010 Lake Nona Maintenance Buil	16	1	0	900	810

Legend:

Building Status: 1 = Permanent, 2 = Temporary Non-Relocatable, 3 = Temporary Relocatable, 4 = Under Construction, 7 = Covered Walkway

Building Condition: 0 = Building not surveyed, 1 = Satisfactory, 6 = Termination

Table 6**Eligible Assignable Square Footage of Satisfactory Space, by Category, by Building**

	Classroom	Teach Lab	Study	Res Lab	Ofc EDP	Aud Exh	Inst Media	Stu Acad Support	Gym	Campus Sup Service	Res & Other	Total
Site 1 - Main Campus	203,798	264,826	154,649	274,329	683,904	27,143	9,727	0	14,438	101,078	192,977	1,926,869
Site 2 - So Orlando	3,937	1,252	0	0	2,125	0	0	0	0	0	451	7,765
Site 7 - Fla Solar En #1	0	0	0	0	0	0	0	0	0	0	0	0
Site 8 - Fla Solar En #2	0	0	0	3,340	0	0	0	0	0	0	0	3,340
Site 9 - Mckay (Undev)	0	0	0	0	0	0	0	0	0	0	0	0
Site 10 - Fla Solar En #3	0	0	0	4,627	0	0	0	0	0	0	0	4,627
Site 11 - UCF Exec Dev Ct	0	0	0	0	2,303	0	0	0	0	0	0	2,303
Site 12 - Orlando Metro Area	0	0	0	0	0	0	0	0	0	0		0
Site 14 - Research Park	0	4,320	0	20,450	13,990	0	0	0	0	0	0	38,760
Site 15 - Rosen Col Hospi	32,605	23,869	8,499	0	22,482	1,119	0	0	0	0	1,510	90,084
Site 16 - Health Sciences	11,383	12,372	11,231	75,293	63,642	0	0	0	1,943	810	4,849	181,523
TOTAL	257,297	309,770	186,027	418,915	1,020,913	51,920	11,467	1,501	159,243	1,972,666	1,308,963	5,698,682

Note: Sites 3, 4, 5, 6, and 13 are not reflected, as there is no eligible assigned square footage included at those locations in the State University Database System.

IX. Quantitative (Formula) Space Needs

The basic method used to determine the facilities required by a university to accommodate educational programs, student enrollment, personnel, and services, is the Fixed Capital Outlay Space Needs Generation Formula (formula). The formula provides the three general classifications of space: instructional, academic support, and institutional support. Within these classifications, nine categories of space are included: classroom, teaching laboratory, research laboratory, study, instructional media, auditorium and exhibition, gymnasium, office, and campus support services. While the FTE enrollment projection acts as primary generator, the formula recognizes variations in space requirements derived from discipline grouping, course levels, research programs, and library holdings, as well as faculty, staff, and contract and grant positions. The outcome of running the formula is a campus-wide aggregate of the nine categories of space, based on each individual university's make-up of students, programs, faculty, and staff.

Table 7 reports the results of comparing the generated space needs to the existing satisfactory and eligible facilities inventory for the main campus.

Table 8, also known as the "Form B," shows the details of these comparison results.

Table 7
Formula Generated Net Assignable Square Feet by Category

Space Category		Space Needs By Space Type	Satisfactory Space Inventory	Unmet Need
<u>Instructional</u>				
	Classroom	318,484	244,277	78,144
	Teaching Laboratory	611,715	298,083	317,448
	Research Laboratory	921,243	303,335	618,214
<u>Academic Support</u>				
	Study	674,926	163,148	511,778
	Instructional Media	81,562	9,727	71,835
	Auditorium/Exhibition	122,343	28,713	94,081
	Teaching Gymnasium	170,057	14,438	155,619
<u>Institutional Support</u>				
	Student Academic Support	0	0	0
	Office/Computer	984,657	728,959	259,853
	Campus Support Services	202,794	103,743	101,716
	Total	4,087,781	1,894,423	2,208,688

Table 8

ANALYSIS OF SPACE NEEDS BY CATEGORY - FORM B

University of Central Florida
All Campuses (except Health Sciences - Site 16)

Net Assignable Square Feet Eligible for Fixed Capital Outlay Budgeting

Prepared 02-Oct-15 Updated 24-May-19

TOTAL FTE= 41,261

On-Line FTE= 14,241

Total Less On Line FTE= 27,020

		Classroom**	Teaching Lab	Study	Research Lab	Office	Audi/ Exhib.	Instruct. Media	Student Academic Support	Gym	Campus Support Services	Total NASF
Space Needs by Space Type*: 2020-2021		324,244	618,915	682,870	932,086	996,247	123,783	82,522	0	172,058	205,181	4,137,906
1) Current Inventory as of: June-15												
A)	Satisfactory Space	240,340	294,267	163,148	303,029	724,804	28,262	9,727	0	14,438	101,078	1,879,093
B)	Unsatisfactory Space to be Remodeled	0	0	0		0	0	0	0	0	0	0
C)	Unsatisfactory Space to be Demolished/Terminated	1,700	5,100	0	306	36,977	1,435	0	0	0	573	46,091
D)	Total Under Construction	0	0	0	0	0	0	0	0	0	0	0
TOTAL CURRENT INVENTORY:		242,040	299,367	163,148	303,335	761,781	29,697	9,727	0	14,438	101,651	1,925,184
2) Projects Funded for Construction thru: June-15												0
Total Funded Construction:		0	0	0	0	0	0	0	0	0	0	0
Plus:Total Planned Demolition		1,700	5,100	0	306	36,977	1,435	0	0	0	573	46,091
Net Space Needs		83,904	324,648	519,722	629,057	271,443	95,521	72,795	0	157,620	104,103	2,258,813
Percent of: Current Inventory and Funded Projects												
Minus Demolition												
Space Needs		74%	48%	24%	33%	73%	23%	12%	0%	8%	49%	45%

(**Online FTE excluded from Classroom needs.)□

University of Central Florida
2020-2021

		Teaching		Research		Aud/		Instruct.	Student	Campus		Total
		Classroom**	Lab	Study	Lab	Office	Exhibition	Media	Academic	Gym	Support Services	NASF
Space Needs by Space Type	2020-2021	324,244	618,915	682,870	932,086	996,247	123,783	82,522	0	172,058	205,181	4,137,906
Net Space Needs from Form B		83,904	324,648	519,722	629,057	271,443	95,521	72,795	0	157,620	104,103	2,258,813
Percent of Space Needs		74.12%	47.55%	23.89%	32.51%	72.75%	22.83%	11.79%	0.00%	8.39%	49.26%	45.41%
3) Projects Funded for Planning												
Proj. 1)		0	0	0	0	0	0	0	0	0	0	0
Sub Total Net Space Needs		83,904	324,648	519,722	629,057	271,443	95,521	72,795	0	157,620	104,103	2,258,813
Sub Total Percent		74.12%	47.55%	23.89%	32.51%	72.75%	22.83%	11.79%	0.00%	8.39%	49.26%	45.41%
Proj. 2)		0	0	0	0	0	0	0	0	0	0	0
Sub Total Net Space Needs		83,904	324,648	519,722	629,057	271,443	95,521	72,795	0	157,620	104,103	2,258,813
Sub Total Percent		74.12%	47.55%	23.89%	32.51%	72.75%	22.83%	11.79%	0.00%	8.39%	49.26%	45.41%
4) CIP Projects												
Proj. 1)		0	0	0	0	0	0	0	0	0	0	0
Util./Infras./Cap		83,904	324,648	519,722	629,057	271,443	95,521	72,795	0	157,620	104,103	2,258,813
Renewal Roofs		74.12%	47.55%	23.89%	32.51%	72.75%	22.83%	11.79%	0.00%	8.39%	49.26%	45.41%
Proj. 2)		0	0	0	22,850	12,930	0	0	0	0	0	35,780
Interdisciplinary		83,904	324,648	519,722	606,207	258,513	95,521	72,795	0	157,620	104,103	2,223,033
Research & Incubator		74.12%	47.55%	23.89%	34.96%	74.05%	22.83%	11.79%	0.00%	8.39%	49.26%	46.28%
Facility												
Proj. 3)		0	0	0	0	0	0	0	0	0	0	0
Colbourn Hall		83,904	324,648	519,722	606,207	258,513	95,521	72,795	0	157,620	104,103	2,223,033
Renovation		74.12%	47.55%	23.89%	34.96%	74.05%	22.83%	11.79%	0.00%	8.39%	49.26%	46.28%
Proj. 4)		5,000	3,750	0	0	39,550	0	0	0	0	12,250	60,550
Trevor Colbourn		78,904	320,898	519,722	606,207	218,963	95,521	72,795	0	157,620	91,853	2,162,483
Hall		75.67%	48.15%	23.89%	34.96%	78.02%	22.83%	11.79%	0.00%	8.39%	55.23%	47.74%
Proj. 5)		0	0	41,000	0	0	0	0	0	0	0	41,000
John C. Hitt Library		78,904	320,898	478,722	606,207	218,963	95,521	72,795	0	157,620	91,853	2,121,483
Renovation, Phase II		75.67%	48.15%	29.90%	34.96%	78.02%	22.83%	11.79%	0.00%	8.39%	55.23%	48.73%
Proj. 6)		28,000	28,000	10,714	0	17,333	8,333	20,000	0	0	0	112,380
UCF Downtown		50,904	292,898	468,008	606,207	201,630	87,188	52,795	0	157,620	91,853	2,009,103
Campus Bldg. 1		84.30%	52.68%	31.46%	34.96%	79.76%	29.56%	36.02%	0.00%	8.39%	55.23%	51.45%

Proj. 7)		2,000	36,991	0	0	4,000	63,804	0	0	0	0	106,795
Arts Complex	Sub Total Net Space Needs	48,904	255,907	468,008	606,207	197,630	23,384	52,795	0	157,620	91,853	1,902,308
Phase II	Sub Total Percent	84.92%	58.65%	31.46%	34.96%	80.16%	81.11%	36.02%	0.00%	8.39%	55.23%	54.03%
Performance												
Proj. 8)		0	0	0	0	0	0	0	0	0	0	0
Millican Hall	Sub Total Net Space Needs	48,904	255,907	468,008	606,207	197,630	23,384	52,795	0	157,620	91,853	1,902,308
Renovation	Sub Total Percent	84.92%	58.65%	31.46%	34.96%	80.16%	81.11%	36.02%	0.00%	8.39%	55.23%	54.03%
Proj. 9)		0	0	0	0	0	0	0	0	0	0	0
Business	Sub Total Net Space Needs	48,904	255,907	468,008	606,207	197,630	23,384	52,795	0	157,620	91,853	1,902,308
Administration	Sub Total Percent	84.92%	58.65%	31.46%	34.96%	80.16%	81.11%	36.02%	0.00%	8.39%	55.23%	54.03%
Renovation												
Proj. 10)		0	0	0	0	0	0	0	0	0	0	0
Chemistry	Sub Total Net Space Needs	48,904	255,907	468,008	606,207	197,630	23,384	52,795	0	157,620	91,853	1,902,308
Renovation	Sub Total Percent	84.92%	58.65%	31.46%	34.96%	80.16%	81.11%	36.02%	0.00%	8.39%	55.23%	54.03%
Proj. 11)		0	0	0	0	0	0	0	0	0	0	0
Facilities & Safety	Sub Total Net Space Needs	48,904	255,907	468,008	606,207	197,630	23,384	52,795	0	157,620	91,853	1,902,308
Complex	Sub Total Percent	84.92%	58.65%	31.46%	34.96%	80.16%	81.11%	36.02%	0.00%	8.39%	55.23%	54.03%
Renovation												
Proj. 12)		0	0	0	0	0	0	0	0	0	0	0
Visual Arts	Sub Total Net Space Needs	48,904	255,907	468,008	606,207	197,630	23,384	52,795	0	157,620	91,853	1,902,308
Renovation	Sub Total Percent	84.92%	58.65%	31.46%	34.96%	80.16%	81.11%	36.02%	0.00%	8.39%	55.23%	54.03%
Proj. 13)		0	10,696	2,572	0	2,579	5,344	0	0	0	0	21,191
Visual Arts	Sub Total Net Space Needs	48,904	245,211	465,436	606,207	195,051	18,040	52,795	0	157,620	91,853	1,881,117
Expansion	Sub Total Percent	84.92%	60.38%	31.84%	34.96%	80.42%	85.43%	36.02%	0.00%	8.39%	55.23%	54.54%
Proj. 14)		18,250	69,950	7,300	0	7,500	0	0	0	0	0	103,000
Learning Lab	Sub Total Net Space Needs	30,654	175,261	458,136	606,207	187,551	18,040	52,795	0	157,620	91,853	1,778,117
	Sub Total Percent	90.55%	71.68%	32.91%	34.96%	81.17%	85.43%	36.02%	0.00%	8.39%	55.23%	57.03%
Proj. 15)		0	78,130	4,800	5,000	40,105	8,150	0	0	0	4,800	140,985
College of Nursing	Sub Total Net Space Needs	30,654	97,131	453,336	601,207	147,446	9,890	52,795	0	157,620	87,053	1,637,132
	Sub Total Percent	90.55%	84.31%	33.61%	35.50%	85.20%	92.01%	36.02%	0.00%	8.39%	57.57%	60.44%

Proj. 16)		0	0	0	17,950	10,000	0	0	0	0	0	27,950
Interdisciplinary	Sub Total Net Space Needs	30,654	97,131	453,336	583,257	137,446	9,890	52,795	0	157,620	87,053	1,609,182
Research Building II	Sub Total Percent	90.55%	84.31%	33.61%	37.42%	86.20%	92.01%	36.02%	0.00%	8.39%	57.57%	61.11%
Proj. 17)		28,000	3,000	0	0	11,857	0	0	0	0	1,000	43,857
Classroom III	Sub Total Net Space Needs	2,654	94,131	453,336	583,257	125,589	9,890	52,795	0	157,620	86,053	1,565,325
	Sub Total Percent	99.18%	84.79%	33.61%	37.42%	87.39%	92.01%	36.02%	0.00%	8.39%	58.06%	62.17%
Proj. 18)		2,544	20,456	0	0	6,000	4,450	0	0	0	0	33,450
Civil and	Sub Total Net Space Needs	110	73,675	453,336	583,257	119,589	5,440	52,795	0	157,620	86,053	1,531,875
Environmental	Sub Total Percent	99.97%	88.10%	33.61%	37.42%	88.00%	95.61%	36.02%	0.00%	8.39%	58.06%	62.98%
Engineering												
Proj. 19)		0	1,200	500	850	1,000	0	0	0	1,200	4,750	9,500
Coastal Biology	Sub Total Net Space Needs	110	72,475	452,836	582,407	118,589	5,440	52,795	0	156,420	81,303	1,522,375
Station	Sub Total Percent	99.97%	88.29%	33.69%	37.52%	88.10%	95.61%	36.02%	0.00%	9.09%	60.37%	63.21%
Proj. 20)		0	0	0	0	7,000	4,000	0	0	0	650	11,650
Welcome Center	Sub Total Net Space Needs	110	72,475	452,836	582,407	111,589	1,440	52,795	0	156,420	80,653	1,510,725
Expansion	Sub Total Percent	99.97%	88.29%	33.69%	37.52%	88.80%	98.84%	36.02%	0.00%	9.09%	60.69%	63.49%
Proj. 21)		0	0	0	0	0	0	0	0	0	0	0
Center for	Sub Total Net Space Needs	110	72,475	452,836	582,407	111,589	1,440	52,795	0	156,420	80,653	1,510,725
Emerging Media	Sub Total Percent	99.97%	88.29%	33.69%	37.52%	88.80%	98.84%	36.02%	0.00%	9.09%	60.69%	63.49%
Renovation												
Proj. 22)		0	8,867	0	0	0	0	0	0	0	0	8,867
Band Building	Sub Total Net Space Needs	110	63,608	452,836	582,407	111,589	1,440	52,795	0	156,420	80,653	1,501,858
Phase II	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	88.80%	98.84%	36.02%	0.00%	9.09%	60.69%	63.70%
Proj. 23)		0	0	0	0	2,000	0	0	0	0	21,056	23,056
Facilities & Safety	Sub Total Net Space Needs	110	63,608	452,836	582,407	109,589	1,440	52,795	0	156,420	59,597	1,478,802
Support Bldg. at	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	70.95%	64.26%
Lake Nona												
Proj. 24)		0	0	0	0	0	0	0	0	0	10,000	10,000
UCF Downtown	Sub Total Net Space Needs	110	63,608	452,836	582,407	109,589	1,440	52,795	0	156,420	49,597	1,468,802
CHP Plant	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	75.83%	64.50%

Proj. 25)		0	0	0	0	0	0	0	0	0	8,366	8,366
UCF Downtown	Sub Total Net Space Needs	110	63,608	452,836	582,407	109,589	1,440	52,795	0	156,420	41,231	1,460,436
Parking Garage	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	79.91%	64.71%
Proj. 26)		0	0	0	0	0	0	0	0	0	0	0
Howard Phillips Hall	Sub Total Net Space Needs	110	63,608	452,836	582,407	109,589	1,440	52,795	0	156,420	41,231	1,460,436
Renovation	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	79.91%	64.71%
Proj. 27)		0	0	0	0	0	0	0	0	0	0	0
Florida Solar Energy	Sub Total Net Space Needs	110	63,608	452,836	582,407	109,589	1,440	52,795	0	156,420	41,231	1,460,436
Center Renovation	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	79.91%	64.71%
Proj. 28)		0	0	0	0	0	0	0	0	0	0	0
Biological Sciences	Sub Total Net Space Needs	110	63,608	452,836	582,407	109,589	1,440	52,795	0.00%	156,420	41,231	0
Renovation	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	79.91%	64.71%
Proj. 29)		0	0	0	0	0	0	0	0	0	0	0
Theatre Renovation	Sub Total Net Space Needs	110	63,608	452,836	582,407	109,589	1,440	52,795	0	156,420	41,231	0
	Sub Total Percent	99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	79.91%	64.71%
Total Net Space Needs		110	63,608	452,836	582,407	109,589	1,440	52,795	0	156,420	41,231	1,460,436
Total Percent of Net Space Needs		99.97%	89.72%	33.69%	37.52%	89.00%	98.84%	36.02%	0.00%	9.09%	79.91%	64.71%

Prepared 23-Sep-15

	PROJECTED FTE 2020-2021			Year	Current Inventory as of:	Current Funded for Construction
	Total	On-Line	Main			
UCF	41,261	14,241	27,020	2020-2021	June-15	June-15

FTE Assumptions (Main Campus)

	<u>15-16</u>	<u>16-17</u>	<u>17-18</u>	<u>18-19</u>	<u>19-20</u>	<u>20-21</u>
Lower Division	11,914	12,211	12,483	12,721	12,994	12,994
Upper Division	22,290	22,836	23,349	23,796	24,303	24,303
Grad I	2,691	2,676	2,677	2,689	2,730	2,730
Grad II	1,072	1,108	1,137	1,191	1,234	1,234
TOTAL MAIN FTE ¹	37,967	38,831	39,646	40,397	41,261	41,261
Avg Annual Growth Rate ²		2.07%	2.07%	2.07%	2.07%	2.07%
TOTAL FTE						41,261

NOTES

1 Total Main FTE source - 2015-16 University Work Plan, page 15

2 Five Year projected average annual growth rate taken from - 2015-16 University Work Plan, pg. 15 All Campuses, unless otherwise noted
Medical Headcounts excluded (if applicable)

SUS SPACE NEED FACTORS - 2014 Forward

The 2014 factors for classroom, teaching lab, auditorium, and instructional media have been standardized, and reflect values from the 1995 Spaces Needs Generation Formula. The standard .6 FTE for Student Academic Support has been moved to Study, as this space category has been eliminated

		Class room	Teach Lab	Study	Res Lab	Office	Audit/ Exhib	Instr. Media	Stu. Sup.	Acad. Gym	Camp Sup.	Total
UF	2014	12	15	27	53	54	3	2	0	4	8	178
	2012	11.30	15.46	26.40	52.64	54.04	3.00	0.73	0.60	4.01	8.41	176.59
FSU	2014	12	15	22	30	37	3	2	0	4	6	131
	2012	11.60	15.40	21.07	29.99	36.77	3.00	0.79	0.60	4.26	6.17	129.66
FAMU	2014	12	15	19	26	37	3	2	0	7	6	127
	2012	11.62	14.36	18.37	25.70	36.60	3.01	1.46	0.60	7.22	5.95	124.88
USF	2014	12	15	18	32	40	3	2	0	4	6	132
	2012	11.66	14.02	17.37	31.99	39.63	3.00	0.79	0.60	4.26	6.17	129.49
FAU	2014	12	15	22	23	30	3	2	0	5	6	117
	2012	11.78	16.35	21.39	22.65	29.67	3.00	1.04	0.60	5.37	5.59	117.44
UWF	2014	12	15	24	14	30	3	2	0	9	5	115
	2012	11.78	12.68	23.86	14.45	29.91	4.21	1.85	0.60	8.89	5.41	113.64
UCF	2014	12	15	17	23	24	3	2	0	4	5	105
	2012	11.70	14.41	15.95	22.59	24.15	3.00	0.77	0.60	4.17	4.87	102.20
FIU	2014	12	15	18	20	27	3	2	0	4	5	107
	2012	11.91	14.98	17.54	20.18	26.70	3.00	0.83	0.60	4.42	5.01	105.16
UNF	2014	12	15	20	14	26	3	2	0	6	5	104
	2012	11.97	13.77	19.47	14.25	26.38	3.00	1.29	0.60	6.45	4.86	102.04
FGCU	2014	12	15	20	30	28	3	2	0	10	6	126
	2012	12.02	9.79	19.47	29.94	28.14	4.98	2.09	0.60	9.97	5.85	122.85
NCF	2014	12	15	16	10	63	3	2	0	3	6	130
	2012	10.49	0.00	9.40	10.17	63.14	39.75	15.90	0.60	79.49	11.45	240.39
AVG	2014	12	15	20	25	36	3	2	0	6	6	125
	2012	11.62	12.84	19.12	24.96	35.92	6.63	2.50	0.60	12.59	6.34	133.12

X. Recommendations of Survey Team – October 8, 2015

Survey Team Members: Robin Anderson, Team Leader (UWF); Kenneth Ogletree (BOG); Teira E. Farley (BOG); Tina D'Auria (UF); Mary Mory (UNF); Patricia Pasden (FGCU)

Site Improvements Recommendations:

1.1 Land Acquisition – This project allows the university to continue purchasing properties surrounding all campuses as identified in the adopted Campus Master Plan.

1.2 Landscaping and Site Improvements – This is a general recommendation to continue landscaping, road, and site improvements, consistent with the adopted Campus Master Plan.

1.3 Utility Infrastructure – This is a general recommendation for modifications to, or expansion of, utility infrastructure, capital renewal, and roofs, consistent with the adopted Campus Master Plan.

Remodeling/Renovation Recommendations:

Remodeling/renovation recommendations are in accordance with the net square footage as described in the Form B. As presented, remodeling/renovation recommendations yield no significant changes to existing space use categories. Any changes to remodeling/renovation projects that exceed 100% of any space use categories will require a supplemental Survey. The following projects are recommended:

Main Campus

- 2.1 Colbourn Hall Renovation
- 2.2 John C. Hitt Library Renovation, Phase II
- 2.3 Business Administration Renovation
- 2.4 Millican Hall Renovation
- 2.5 Chemistry Renovation
- 2.6 Facilities and Safety Complex Renovation
- 2.7 Visual Arts Renovation

UCF Downtown

- 2.8 Center for Emerging Media Renovation

New Construction Recommendations:

New construction recommendations are in accordance with the presented net square footage and as described in the Form B. The following projects are recommended:

Main Campus

- 3.1 Interdisciplinary Research and Incubator Facility
- 3.2 John C. Hitt Library Renovation (Addition), Phase II

- 3.3 Trevor Colbourn Hall
- 3.4 Arts Complex, Phase II
- 3.5 Multi-Purpose Research and Education
- 3.6 Visual Arts Addition
- 3.7 Interdisciplinary Research, Building II
- 3.8 Classroom III
- 3.9 Civil and Environmental Engineering
- 3.10 Welcome Center Addition
- 3.11 Band Building

¹UCF Downtown

- 3.12 Building I
- 3.13 Central Energy Plant

Lake Nona

- 3.14 College of Nursing
- 3.15 Facilities and Safety Support Building

Demolition Recommendations:

Persuant to Board of Governors' Regulation 9.004, Razing of Buildings, demolition projects beneath the \$1,000,000 threshold do not require an Educational Plant Survey recommendation; however, all reductions in space categories should be appropriately reflected in the Form B.

The following demolitions are recommended:

- 4.1 Utility Building 8 (Building 42), 1,500 sq. ft.
- 4.2 Utility Building 9 (Building 46), 592 sq. ft.
- 4.3 Wayne Densch II (Building 39), 15,876 sq. ft.
- 4.4 Band Trailer (Building 630), 3,658 sq. ft.
- 4.5 South Orlando Building I (Building 701), 6,690 sq. ft.
- 4.6 South Orlando Building II (Building 702), 5,167 sq. ft.

Projects Based on Exception Procedure (New Construction):

- 5.1 N/A

Special Purpose Center Recommendations:

The following projects are recommended:

- 6.1 Coastal Biology Station at Brevard County

Standard University-wide Recommendations:

SR1. Projects for safety corrections are recommended.

SR2. Projects for corrections or modifications necessary to comply with the Americans with Disabilities Act are recommended.

SR3. Projects required to repair or replace a building's components are recommended provided that the total cost of the project does not exceed 25% of the replacement cost of the building.

SR4. Expansion, replacement, and upgrading of existing utilities/infrastructure systems to support projects identified within this Educational Plant Survey are recommended.

SR5. Projects requiring renovations to space vacated in conjunction with new construction that result in no significant changes in space categories, are recommended.

Notes:

A. The university is to write recommendation text in accordance with current Educational Plant Survey format criteria.

B. The Survey Team requires that projects recommended for approval are to be incorporated into the Campus Master Plan Update(s).

C. The Survey Team recommendations to the Board of Governors cannot exceed 100% utilization in any of the nine (9) space categories. Any project that exceeds 100% utilization must be modified to ensure approval by the Survey Team. The 100% threshold options are as follows:

1. Re-verify classification /utilization
2. Delete project or space utilization category
3. Reduce space utilization category
4. Trade with other space category within the project
5. Shift project priorities
6. Provide sufficient data to support any overage

D. Supplemental Surveys are required if any changes to project scope result in a space category exceeding 100% of formula-driven need.

¹ Recommendations are subject to the approval by the Board of Governors of the Type I Campus site designation of the UCF Downtown Campus. The University of Central Florida previously obtained approval from its Board of Trustees and acquired the required subsequent approval by the Board of Governors on March 2, 2016.

XI: Funding of Capital Projects

The projects recommended by the Survey Team may be funded based on the availability of funds authorized for such purposes. The primary source available to the university is Public Education Capital Outlay (PECO). PECO funds are provided pursuant to Art. XII, § 9(a)(2), Fla. Const., as amended. These funds are appropriated to the State University System pursuant to § 1013.64(4), Fla. Stat., which provides that a list of projects is submitted to the Commissioner of Education for inclusion within the Commissioner's Fixed Capital Outlay Legislative Budget Request. In addition, a lump sum appropriation may be provided for remodeling, renovation, maintenance, repair, and site improvements for existing satisfactory facilities. This lump sum appropriation is then allocated to the universities. The projects funded from PECO are normally for instructional, academic support, or institutional support purposes.

Another source for capital projects is Capital Improvement Fees. University students pay Building Fees and Capital Improvement Fees, for a total of \$6.76 per credit hour per semester. This revenue source is commonly referred to as Capital Improvement Fees and is used to finance university capital projects or debt service on bonds issued by the State University System. The projects financed from this revenue source are primarily student-related, meaning that the projects provide facilities such as student unions, outdoor recreation facilities, and athletic facilities. Periodically, a funding plan is developed for available and projected revenues. Universities receive an allocation and develop a list of projects that are submitted to the Division of Colleges and Universities for inclusion within a request to the Legislature for appropriation authority.

The Facilities Enhancement Challenge Grant, "Courtelis Program," established pursuant to § 1013.79, Fla. Stat., provided for the state matching of private donations for facilities projects that support instruction or research. Under this program, each private donation for a project is matched by state funds. The program is inactive at this time.

Section 1013.74, Fla. Stat., provides authority to accomplish capital projects from grants, and private gifts. In addition, authority is provided within this section to finance facilities to support auxiliary enterprises from the issuance of bonds supported by university auxiliary revenues. Legislative approval of the proposed projects is required.

A limited amount of general revenue funds has been appropriated for university capital projects.

Table 9 identifies the specific project appropriations made available to the university over the last ten years.

Table 9
Capital Outlay Allocations
State Appropriations
From 2006-07 through 2015-16

Project	Location	Phase *	Source	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Total
UTIL/ INFRASTRUCTURE	MAIN CAMPUS	P,C,E	PECO	8,000,000										
BIO-MED SICENCE CTR	COM CAMPUS	P,C,E	PECO	11,868,952										
SCC-JOINT USE FACILITY	SCC CAMPUS	P,C	PECO	7,875,000										
PHYSICAL SCIENCE BLDG	MAIN CAMPUS	P,C,E	PECO	18,816,566										
PSYCHOLOGY CENTER	MAIN CAMPUS	E	PECO	2,500,000										
ENGINEERING BUILDING III	MAIN CAMPUS	E	PECO	3,797,800										
REM, REN, MAINT,REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO	2,361,737										
PSYCHOLOGY BLDG	MAIN CAMPUS	E	LOTTERY	53,300										
COLLEGE OF OPTICS & PHONICS	MAIN CAMPUS	E	LOTTERY	68,970										
ENGINEERING III ENH	MAIN CAMPUS	E	LOTTERY	674,463										
BIOMEDICAL SCI CTR	COM CAMPUS	P,C,E	LOTTERY	6,423,500										
ALUMNI CENTER	MAIN CAMPUS	E	LOTTERY	20,677										
READING CENTER	MAIN CAMPUS	P,C	LOTTERY	500,000										
SIEMENS ENERGY CENTER	MAIN CAMPUS	E	LOTTERY	185,000										
PSYCHOLOGY BLDG	MAIN CAMPUS	E	CMTF	53,300										
COLLEGE OF OPTICS & PHONICS	MAIN CAMPUS	E	CMTF	68,970										
ENGINEERING III ENH	MAIN CAMPUS	E	CMTF	674,463										
BIOMEDICAL SCI CTR	COM CAMPUS	P,C,E	CMTF	6,423,500										
ALUMNI CENTER	MAIN CAMPUS	E	CMTF	20,677										
READING CENTER	MAIN CAMPUS	P,C	CMTF	500,000										
SIEMENS ENERGY CENTER	MAIN CAMPUS	E	CMTF	185,000										
UTIL/ INFRASTRUCTURE	MAIN CAMPUS	P,C,E	PECO		8,000,000									
PHYSICAL SCIENCES BUILDING	MAIN CAMPUS	E	PECO		2,565,895									
VCC-UCF JOINT USE FACILITY	VCC CAMPUS	P,C	PECO		10,125,000									
HAZARDOUS WASTE EXPANSION	MAIN CAMPUS	P,C,E	PECO		2,045,682									
ARTS COMPLEX II - PERFORMANCE	MAIN CAMPUS	P,C	PECO		17,611,071									
PUBLIC SAFETY BUILDING	MAIN CAMPUS	P,C,E	PECO		10,619,373									
REM, REN, MAINT,REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO		3,038,848									
ALUMNI CTR- J&M HITT	MAIN CAMPUS	E	GEN REV		20,505									
ENGINEERING III	MAIN CAMPUS	E	GEN REV		694,420									
COLLEGE OF OPTICS & PHONICS	MAIN CAMPUS	E	GEN REV		78,930									
PSYCHOLOGY BUILDING	MAIN CAMPUS	E	GEN REV		58,175									
BURNETT BIO-MED SCI	COM CAMPUS	E	GEN REV		1,106,430									
LAB INSTRUCTION BUILDING	MAIN CAMPUS	P,C,E	GEN REV		16,609,016									
UTIL/ INFRASTRUCTURE	MAIN CAMPUS	P,C,E	PECO			12,500,000								
VCC-UCF JOINT USE FAC	VCC CAMPUS	P,C	PECO			1,125,000								
ARTS COMPLEX II- PERFORMANCE	MAIN CAMPUS	P,C,E	PECO			7,428,749								
PHYSICAL SCIENCE BLDG	MAIN CAMPUS	P,C,E	PECO			25,773,704								
PARTNERSHIP III BUILDING	MAIN CAMPUS	P,C,E	PECO			20,000,000								
REM, REN, MAINT,REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO			1,976,499								
REC & WELNESS CT EXPAN-INDOOR	MAIN CAMPUS	P,C,E	CIF			10,150,000								
REC & WELNESS CT EXPAN-OUTDOOR	MAIN CAMPUS	P,C,E	CIF			4,000,000								
UCF HEALTH SERV-DENTAL CLINIC	MAIN CAMPUS	P,C	CIF			550,000								
STU UNION BOARD WALK REPLACEMNT	MAIN CAMPUS	P,C	CIF			500,000								
FOUNDATION STATUE PROJECT	MAIN CAMPUS	C	CIF			50,000								
CAREER SRV EXPR LEARN CTR	MAIN CAMPUS	P,C,E	CIF			6,800,000								
SGA AND OSI EXPANSION	MAIN CAMPUS	C	CIF			600,000								
STU UNION MASTR PLAN/MINOR PRJ	MAIN CAMPUS	C	CIF			347,156								
UTIL/ INFRASTRUCTURE	MAIN CAMPUS	P,C,E	PECO				5,251,319							
PHYSICAL SCIENCE BLDG PH II	MAIN CAMPUS	E	PECO				3,285,500							
PARTNERSHIP III BUILDING	RESEARH PARK	C,E	PECO				1,205,554							

Table 9
Capital Outlay Allocations
State Appropriations
From 2006-07 through 2015-16

Project	Location	Phase *	Source	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Total
REM. REN, MAINT, REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO				1,815,040							
UTIL/ INFRASTRUCTURE	MAIN CAMPUS	P,C,E	PECO					7,844,870						
PHYSICAL SCIENCE BLDG PH II	MAIN CAMPUS	E	PECO					1,714,500						
PARTNERSHIP III BUILDING	MAIN CAMPUS	E	PECO					1,879,105						
CLASSROOM BLDG	MAIN CAMPUS	P,C,E	PECO					16,234,156						
INTERDISCIPLINARY RSCH/INCUBTOR	MAIN CAMPUS	P,C,E	PECO					5,924,183						
FAC REM. REN, MAINT, REP, & SITE	MAIN CAMPUS	P,C,E	PECO				3,572,336							
IMPR REM. REN, MAINT, REP, & SITE	MAIN CAMPUS	P,C,E	PECO						605,158					
IMPR CLASSROOM BLDG	MAIN CAMPUS	C,E	PECO							5,857,183				
INTERDISVISC RSCH/INCUBTOR FAC	MAIN CAMPUS	P,C,E	PECO							(5,857,183)				
REM. REN, MAINT, REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO							305,900				
UCF MATH & PHYSICS BD REN/REM	MAIN CAMPUS	P,C,E	LOTTERY							3,877,895				
UCF ENGINEERING BUILDING 1 REN	MAIN CAMPUS	P,C,E	LOTTERY							3,620,723				
CLASSROOM BUILDING II	MAIN CAMPUS	E	PECO								1,317,262			
REM. REN, MAINT, REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO								3,310,549			
UCF JOHN C. HITT LBR REN/PHI	MAIN CAMPUS	P,C,E	CIF								12,457,801			
UCF-PARTNERSHIP COMPLEX PH IV	RESEARH PARK	P,C,E	PECO									8,000,000		
CRITICAL DEFERRED MAINTENANCE	MAIN CAMPUS	P,C,E	PECO									2,185,937		
REM. REN, MAINT, REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO									2,925,357		
UCF JOHN C. HITT LBR REN/PHI	MAIN CAMPUS	C,E	CIF									6,855,331		
PARTNERSHIP IV	RESEARH PARK	P,C,E	PECO										20,000,000	
REM. REN, MAINT, REP, & SITE IMPR	MAIN CAMPUS	P,C,E	PECO										2,671,659	
JOHN C HITT LIBRARY RENOV PHASE I	MAIN CAMPUS	C,E	CIF										5,770,635	
				71,071,875	72,573,345	91,801,108	11,557,413	37,169,150	605,158	7,804,518	17,085,612	19,966,625	28,442,294	358,077,098

Appendices

A. Overview of the Educational Plant Survey Process

EDUCATIONAL PLANT SURVEY PROCESS OVERVIEW

BOARD OF GOVERNORS
Office of Finance & Facilities
Chris Kinsley, Director
FOR THE STATE UNIVERSITY SYSTEM OF FLORIDA
Revised: January 25, 2011

Section 1013.31, Florida Statutes, requires that, at least once every five years, each University Board of Trustees shall arrange for an Educational Plant Survey to aid in providing physical facilities necessary to accommodate its academic programs, students, faculty, staff, and services during the next five-year period.

1. Designation of Responsibility

The University to be surveyed (the “University”) appoints the **Survey Team Coordinator**. The Survey Team Coordinator correlates information provided by the Survey Team Leader, the University Survey Team Facilitator, and the Board of Governors (the “Board”) staff during the Survey process. It is recommended in order to expedite the overall process and to maintain consistency and quality that the coordinator be a staff person from the Board.

It is recommended that the **Survey Team Leader** be requested from a university not being surveyed in the same year. In conjunction with the Survey Team Coordinator, the Survey Team Leader coordinates the work of the Survey Team members. All team members are also recommended to come from staff of other universities not being surveyed in that same year. The Survey Team Leader maintains contact with the Survey Team Coordinator and coordinates all activities with the Survey Team Facilitator at the University during the entire Survey process.

The University President appoints the **Survey Team Facilitator** for its University from its own staff. The Survey Team Facilitator maintains contact with the Survey Team Leader and coordinates personnel at the University during the Survey process. The Survey Team Facilitator will also coordinate the University activities for the team during the Survey process at the University.

For continuity and consistency of the final report, **Survey Team Members** will consist of staff from universities not being surveyed that year and should include a representative from a university to be surveyed in the next fiscal year, as well as a representative from a university surveyed in the previous fiscal year. Board staff should also be included.

2. Student Enrollment Projections

The Survey uses capital outlay full-time-equivalent student enrollment projections based on the work plans submitted annually to the Board by the universities pursuant to Board regulation 2.002. One undergraduate capital outlay full-time-equivalent represents enrollment in 40 credit hours during the academic year, while one graduate capital outlay full-time-equivalent represents 32 credit hours. Projections are provided for all credit activity at each

officially designated site for which facilities are required. Enrollments are identified by discipline group within level of student.

3. Educational Programs and Services

The Survey uses projections for programs approved by the Board of Governors through the academic program review process for the State University System. Staff of the University prepare a list of programs for the Survey, indicating which existing programs the University wishes to continue, expand and delete during the five-year period of the Survey, as well as those for which planning authorization or program approval has been granted.

The basic mechanism used to determine the facilities required to accommodate educational programs and services is the SUS Space Needs Generation Formula (the “Formula”). The Formula identifies space needs for instructional and research programs, and for academic and institutional support services.

While the capital outlay full-time-equivalent projection acts as primary generator, the Formula recognizes variations in space requirements derived from discipline groupings, course levels, research fields, library holdings, faculty, staff, contract & grant positions, as well as, minimum space allowances. Thus, the Formula results in aggregate space generations for nine (9) standard space categories based on the combination of students, programs, faculty and staff unique to the University.

4. Inventory Validation Segment of Survey

The first segment of the Survey is the Inventory Validation, whereby the physical facilities inventory is evaluated by the Survey team. The Inventory Validation is scheduled three (3) to four (4) months before the Needs Assessment segment of the Survey.

The validation segment entails visits to all sites of the University for the purpose of confirming or correcting information carried in the computerized Physical Facilities Space File, (the “Space File”) as well as building schematics. The staff of the university and the validation team members visits all sites and selected buildings. The buildings to be visited for Inventory Validation purposes should include any buildings that have not been previously surveyed, buildings which the University desires to be assessed as unsatisfactory, and a sampling of other buildings to determine overall accuracy of the reported inventory.

The Space File includes information for all educational plants. For the Inventory Validation, University staff provides reports of Space File data and building schematic drawings for the buildings designated to be included in the validation.

An important part of the Inventory Validation process is the review of spaces to be exempt or ineligible. These are spaces not generated by the Formula and thus not included in the current inventory used in space needs analyses. University staff furnishes a list of all ineligible spaces which identifies each space and justifies why it is excluded.

Together, the University Survey Team Facilitator and Survey Team Leader make arrangements for the Inventory Validation including: team assignments, guides, and transportation for team member visits to buildings and grounds, and lodging accommodations for team members. The

Board of Governors will reimburse travel costs and pay standard per diem for members of the Inventory Validation team.

5. University Identification of Needs

Administrators and staff of the University undergoing the Survey prepare lists for each site of needs identified by the University for site acquisition, development and improvement, and remodeling, renovation, and new construction. Outdoor physical education facilities are included as site improvement. Because all previous Survey recommendations expire at the beginning of a new five-year Survey, the list of needs may include items recommended in the prior Survey which have not been started or funded through construction, but still are needed.

Requested projects should be reflected in the University's Campus Master Plan previously submitted to the University Office of Facilities Planning, or should be included in an official update to the Master Plan.

The basic method for identifying facility needs is the Formula approach. This method involves performance levels for space use by the University based on legislatively mandated, as well as generally accepted, utilization standards. The Formula generates campus wide square footage needs for nine categories of space. Needs are compared with the categorical square footage in inventory to determine space deficits and surpluses. Shortages demonstrate the need for remodeling or new construction recommendations to provide space, while overages may denote the need for remodeling recommendations to convert excess space to other uses.

Using the Formula, the Survey Team Coordinator ensures the preparation of space needs analyses by the University for each site showing categorical space need generations, existing space inventory, and resulting deficits and surpluses. Based on the results, University staff develops requests for remodeling recommendations to provide space for under built categories, as well as to reduce space of overbuilt categories, and for new construction recommendations to meet needs which cannot be satisfied through remodeling.

In conjunction with the Formula, Space Factors (the "Factors"), have been developed as part of the process and are used to expedite the use of the Formula in determining university space needs. The Factors are periodically reviewed and revised by the Board Office of Finance and Facilities. Each university at the time of its Survey, after the Inventory Validation and prior to the Needs Assessment, may make a presentation and request a recommendation from the Survey Team to revise one or all of their Factors as a result of data or policy actions taken by its Board of Trustees and its university. The presentation should include, at a minimum, data based on the projected space needs using existing factors, a presentation on changes at the University that make the current Factors inappropriate (i.e. the policy action by its Trustees or University), and documentation of what the space impact of the requested revised Factors would be. In addition, a comparison against the other universities in the System should be included.

The Survey Team will review the data and make a recommendation to modify or leave the Factors unchanged as part of their Survey recommendations. The team will evaluate the request for consistency with other universities in the system and comparison for similar issues.

The alternative method for identifying facility needs is the "exception procedure." This method is used where the University has special problems or extraordinary needs not supported by the Formula. One example is unusual requirements for a particular type of teaching or research laboratory. Another example is minimal facilities for a program that are not provided by the space needs generated from the initial enrollment level of the program.

To exercise this option, University staff prepares written explanations along with quantitative displays, which justify exceptional needs. Justifications include relevant information such as requirements for specific programs, schedules of current classes, reports of space utilization, indications of effective space management, evidence of sound planning, feasibility studies for remodeling, and intended uses of space. The purpose is to present convincing evidence which demonstrates genuine facility needs beyond Formula generations. In addition, requests for remodeling or new construction recommendations to accommodate these special needs are developed.

Request items for remodeling and renovation recommendations should contain specific information: building number and name; room numbers; current functions of spaces, use codes, and square footage. Items for new construction recommendations specify needed function of spaces, use codes, and net square footage.

Cost estimates are provided by the university for site acquisition, development, and improvement items. They may be furnished for other items as well. Cost estimates for Survey recommendations involving new building construction are based on average cost figures for the System. It is important to note that cost estimates attached to Survey recommendations are not part of the recommendations per se. They are added only to provide a general idea of anticipated cost. They cannot be interpreted as accurate estimates for particular projects. Often, actual estimates will vary significantly from those included with recommendations.

The Survey automatically makes five university wide standard recommendations for: provision of custodial services facilities; provision of sanitation facilities; correction of safety deficiencies; replacement of building envelope systems; and modification of facilities for compliance with the Americans with Disabilities Act. Therefore, the university should not include requests related to these needs.

6. Survey Workbook

University staff prepares a Survey workbook for use by Survey staff during the Needs Assessment segment of the Educational Plant Survey. The workbook contains documentation related to preceding items 2, 3, 4, and 5, along with general background information about the University. It is supplemented by available information regarding long-term plans for the institution, such as the master plan or other long-range planning documents. Additional information may also be included.

A copy of the Survey Workbook is provided to each Survey team member at least two weeks before the opening date of the Needs Assessment. Other copies may be distributed to Survey staff at the beginning of the Needs Assessment.

7. Financial Information

The Survey Team Coordinator provides particular financial information pertaining to capital outlay allocations by fund source and capital outlay allocations by project type for inclusion in the Survey Report.

8. Needs Assessment Segment of Survey

The Survey Team Leader and the University make arrangements for the Needs Assessment including: daily schedule of Survey activities; organizational meeting, discussion sessions, and final meeting for the Survey Team with university administrators, faculty, and staff; work space, materials, and equipment for the team; and lodging accommodations for team members. The Board of Governors will reimburse travel costs and pay standard state per diem for members of the Validation and Needs Assessment team. The Board will not pay for materials and supplies necessary to conduct the Survey.

9. Survey Recommendations

The Survey Team makes recommendations for site acquisition, development, and improvement; and remodeling, renovation, and new construction for officially designated sites and facilities.

Details about the status of previous Survey recommendations, identification of needs through the Formula approach, modification of Factors and the exception procedure, cost estimates for recommendations, and the university-wide standard recommendations are explained under item 5.

Recommendations for leased sites and facilities are made in accordance with the provisions of Sections 1013.31 Florida Statutes. Recommendations pertaining to additional branch campuses are considered only after a proposal for establishment, submitted by the University, has been recommended and authorized by the Legislature.

10. Written Survey Reports

The University prepares the draft and the final written report of the findings and recommendations of the Survey Team for review and approval by the University Board of Trustees (UBOT's). After approval by the UBOT's, the university must submit the official copy of the report to the Chancellor, State University System of Florida.

B. Explanation of the Space Needs Generation Formula

The Space Needs Generation Formula (Formula) uses three types of information to determine unmet space needs:

- Workload measures, such as enrollment, positions, and library materials
- Space standards, including station sizes and utilization levels
- Existing facilities inventory

The Formula was designed to recognize space requirements based on academic program offerings, student level, and research programs. Currently, space needs are generated for twenty university sites, including main campuses, branches, two health sciences centers, and the Institute of Food and Agricultural Sciences.

A revised factor list (2010) accompanies this report to provide updated data that has been incorporated to ensure that the factors better represent the current state of the universities.

FTE Enrollment Projections

Enrollment projections used for budgeting purposes are based on five-year projections of annual FTEs requiring facilities, excluding enrollments housed at non-owned sites. Annual FTE (one undergraduate FTE represents enrollment in 40 credit hours during the academic year; one graduate FTE represents enrollment in 32 credit hours during the academic year.) enrollment for each site, by discipline, by level is used as the primary variable within the formula. This level of detail allows recognition of differences in space needs based on size of programs, mix of science and non-science programs, variations in station sizes for laboratories, and variations between disciplines in the number of contact or weekly student hours required to be housed in classrooms and teaching laboratories.

Space Standards

Nine space categories are recognized within the Formula. The nine categories of assignable space include:

Instructional/Research

Classrooms
Teaching Laboratories
Research Laboratories

Academic Support

Study Facilities
Instructional Media
Auditorium/Exhibition
Teaching Gymnasium

Institutional Support

Office/Computer
Campus Support

Classroom Facilities

A classroom is defined as a room used for classes and not tied to a specific subject or discipline by equipment in the room or the configuration of the room. Included in this category are rooms generally used for scheduled instruction that require no special, restrictive equipment or configuration. These include lecture rooms, lecture-demonstration rooms, seminar rooms, and general purpose classrooms. Related service areas such as projection rooms, telecommunications control booths, preparation rooms, closets, storage areas, etc., are included in this category if they serve classrooms.

The net assignable square feet (NASF) needed for classrooms is based upon 22 NASF per student station, 40 periods of room use per week, and 60% station occupancy. These standards result in a space factor of 0.92 NASF per FTE enrollment. Using this space factor, NASF requirements are determined by multiplying the FTE enrollment for each discipline, by level, times the number of weekly student hours per FTE that are scheduled in classrooms.

The effect of applying the formula to all universities by level and by discipline provides an average of 12 NASF per FTE for main campuses. An example for an upper level FTE student in Engineering is:

$$.92 \text{ (Space Factor)} \times 15.0 \text{ (Weekly Student Hours Per FTE)} = 13.8 \text{ NASF Per FTE}$$

$$\text{where Space Factor} = \frac{\text{Station Size}}{\text{Hours Per Week} \times \text{Occupancy Rate}} \quad \text{or} \quad \frac{22}{40 \times .60} = .92 \text{ NASF}$$

Teaching Laboratory Facilities

A teaching laboratory is defined as a room used primarily for scheduled classes that require special purpose equipment or a specific room configuration for student participation, experimentation, observation, or practice in an academic discipline. Included in this category are rooms generally called teaching laboratories, instructional shops, computer laboratories, drafting rooms, band rooms, choral rooms, music practice rooms, language laboratories, studios, theater stage areas used primarily for instruction, instructional health laboratories, and similar specially designed or equipped rooms if they are used primarily for group instruction in formally or regularly scheduled classes. Related service areas are also included in this category.

The NASF need for teaching laboratories is computed by discipline, by level, and is based on established station sizes, weekly student hours per FTE, and utilization levels for room use and station occupancy. The room use standard is 24 hours for lower level and 20 hours for upper level. The station occupancy rate is 80% for both levels.

The effect of applying the formula to all universities, by level, and by discipline, provides an average of 15 NASF per FTE for main campuses. An example for an upper level student in Engineering is:

$$7.81 \text{ (Space Factor)} \times 5.0 \text{ (Weekly Student Hours Per FTE)} = 39.05 \text{ NASF Per FTE}$$

$$\text{where Space Factor} = \frac{\text{Station Size}}{\text{Hours Per Week} \times \text{Occupancy Rate}} \quad \text{or} \quad \frac{125}{20 \times .80} = 7.81 \text{ NASF}$$

Although most universities in the State University System currently generate more than 50,000 NASF, a minimum facility need of 50,000 NASF is provided for the development of future campuses.

Research Laboratory Facilities

A research laboratory is defined as a room used primarily for laboratory experimentation, research or training in research methods, professional research and observation, or structured creative activity within a specific program. Included in this category are labs used for

experiments, testing, or "dry runs" in support of instructional, research, or public service activities. Non-class public service laboratories which promote new knowledge in academic fields are included in this category (e.g., animal diagnostic laboratories and cooperative extension laboratories). Related service areas that directly serve these laboratories are included in this category.

The NASF need for research laboratories is based on an allotment of space by discipline for each research faculty FTE and graduate student FTE. Space needs are generated separately for research faculty and graduate students.

Research Faculty space needs are generated by discipline for Educational and General (E&G) and Contract and Grant (C&G) faculty. The number of E&G research faculty is based upon the E&G FTE faculty-to-FTE-student ratio and the percentage of E&G research faculty FTE for the actual or base year. The number of C&G research faculty FTE is based on a three-year average growth rate for C&G faculty applied to the actual or base year. The allotment of space for each research faculty FTE varies from 75 to 450 NASF, depending on the discipline.

Graduate Student space needs are generated, by discipline, for beginning and advanced graduate student FTE. Graduate student FTE enrollment is divided between beginning and advanced levels based upon the number of graduate credit hours completed by the student. (Advanced graduates are those with 36 or more graduate credit hours.)

Research laboratory space is generated for selected University Support Personnel System positions having research responsibilities that require laboratory facilities. The Beginning Graduate space factor is used for these positions.

Space allotments for advanced graduates are the same as those applied to research faculty (from 75 to 450 NASF). The allotment of space for a beginning graduate FTE considers sharing of research space and varies from 3 to 90 NASF. For example, the space allotment for an advanced graduate student in Engineering is 450 NASF.

Study Facilities

Study facilities include study rooms, stack areas, processing rooms, and study service areas. The NASF needed for study facilities is based on separately determined NASF needs for study rooms, carrel space, stack areas, and study service areas.

Study Rooms (Other than Computer Study Rooms). The NASF need for study rooms is based on 25 NASF per station for 25% of the undergraduate FTE.

Computer Study Rooms. The NASF need for computer study rooms is one station for every 15 FTE, with a station size of 30 NASF.

Carrels. The NASF need for carrels is based on 30 NASF per station for 25% of the beginning graduate FTE, for 50% of the law FTE, for 25% of the advanced graduate science FTE, and for 50% of the advanced graduate non-science FTE, plus 20 NASF per station for 5% of the science FTE faculty and for 25% of the non-science FTE faculty.

Stack Areas. The NASF need for stack areas is based on an amount of space per library volume, with all library materials converted to volume equivalents (includes all holdings such as bound volumes, video and audio tapes, cassettes, microfilms, etc.). The projected volume

counts are based on current inventories plus a continuation of the previous year's acquisitions.

Non-Law Stacks

0.10 NASF/volume for the first 150,000 volumes
0.09 NASF/volume for the second 150,000 volumes
0.08 NASF/volume for the next 300,000 volumes
0.07 NASF/volume for all volumes above 600,000

Law Stacks

0.14 NASF/volume for the first 150,000 volumes
0.12 NASF/volume for the second 150,000 volumes
0.10 NASF/volume for the next 300,000 volumes
0.09 NASF/volume for all volumes above 600,000

Study Facilities Service Areas. The NASF need for study service areas is based on 5% of the total NASF needed for study rooms, carrels, and stack areas.

Instructional Media Facilities

Instructional Media rooms are used for the production or distribution of multimedia materials or signals. Included in this category are rooms generally called TV studios, radio studios, sound studios, photo studios, video or audio cassette and software production or distribution rooms, and media centers. Service areas such as film, tape, or cassette libraries or storage areas, media equipment storage rooms, recording rooms, engineering maintenance rooms, darkrooms, and studio control booths are also included in this category.

A minimum facility of 10,000 NASF and 0.5 NASF per FTE over 4,000 is provided for instructional media space on main campuses, and 0.5 NASF per FTE is provided for branch campuses, with no minimum facility allowance.

Auditorium/Exhibition Facilities

Auditorium/exhibition facilities are defined as rooms designed and equipped for the assembly of many persons for such events as dramatic, musical, devotional, livestock judging, or commencement activities, or rooms or areas used for exhibition of materials, works of art, artifacts, etc. and intended for general use by faculty, students, staff, and the public.

Service areas such as check rooms, ticket booths, dressing rooms, projection booths, property storage, make-up rooms, costume and scenery shops and storage, green rooms, multimedia and telecommunications control rooms, workrooms, and vaults are also included in this category.

The NASF need for auditorium/exhibition facilities is based on a space allotment of 3 NASF per FTE, with a 25,000 NASF minimum facility allowance for main campuses.

Teaching Gymnasium Facilities

A teaching gymnasium is defined as a room or area used by students, staff, or the public for athletic or physical education activities. Included in this category are rooms generally referred to as gymnasiums, basketball courts, handball courts, squash courts, wrestling rooms, weight or exercise rooms, racquetball courts, indoor swimming pools, indoor putting areas, indoor ice rinks, indoor tracks, indoor stadium fields, and field houses. Service areas such as locker rooms; shower rooms; ticket booths; and rooms for dressing, equipment, supply, storage, first-aid, towels, etc., are also included in this category.

The NASF need for teaching gymnasiums is based on a minimum facility for each main campus of 50,000 NASF for the first 5,000 FTE enrollment, plus an additional 3 NASF per FTE for enrollment over 5,000 FTE.

Office/Computer Facilities

An office is defined as a room housing faculty, staff, or students working at one or more desks, tables or workstations. A computer facility in this category is defined as a room used as a computer-based data processing or telecommunications center with applications that are broad enough to serve the overall administrative or academic equipment needs of a central group of users, department, college, school, or entire institution. Rooms that directly serve these areas are also included in this category, as well as are faculty and staff lounges.

The NASF need for offices/computer facilities is based on a space allotment of 145 NASF per FTE position requiring office space. Examples of positions not requiring space include maintenance mechanics, scientific photographers, and dental technicians. FTE positions are projected based upon the current ratio of FTE positions requiring space to annual FTE students. The number of C&G positions is based on a three-year average growth rate for C&G positions applied to the actual or base year. The need for faculty and staff lounges is based on 3 NASF per position.

Campus Support Facilities

Campus support facilities are defined as those areas used for institution-wide services. This includes maintenance shops, central storage areas, central service areas, vehicle storage facilities, and hazardous materials facilities, plus related service areas such as supply storage areas, closets, and equipment rooms.

The NASF need for campus support facilities is based on 5% of the total NASF generated by the formula plus other areas maintained by physical plant staff, such as continuing education buildings and clinic space.

Existing Facilities Inventory

The facilities inventory for each university is designed using the format and definitions prescribed in the Postsecondary Education Facilities Inventory and Classification Manual, 2006, published by the U. S. Department of Education, National Center for Education Statistics. The inventory documentation consists of a file maintained by computer pursuant to the Physical Facilities Space File Specifications prepared by the State University System Office of Information Resource Management.

The inventory contains information about each site, each building, and each room that is owned, shared, or leased by a university. All spaces in buildings, including those that are permanent, temporary, or under construction, that are in satisfactory condition are considered in computing the total existing assignable square footage. Assignable space is that which is available for assignment to, and functionally usable by, an occupant.

The room records from the inventory are used to determine the amount of existing square footage in each of the nine assignable space categories. Each room record is assigned a room use code and is grouped into the appropriate space category. For each of the nine space categories, the existing assignable square footage is deducted from the cumulative space need. The assignable square footage used to determine unmet space needs does not include those

spaces for which the formula does not generate a need. Examples of excluded space are leased space; special purpose lab equipment areas, such as a wind tunnel or linear accelerator; and intercollegiate athletics areas.

C. Executive Summary of the Campus Master Plan

Introduction

The 2015-2025 Campus Master Plan for the University of Central Florida represents the five-year update of the plan adopted in 2010 and outlines the university's Main Campus development plans for the years 2015 through 2025. The update was presented to the public, state, and local agencies referenced in section 1013.30(6), Florida Statutes, for their review and comment.

The Campus Master Plan consists of seventeen (17) elements indicated by a tab and corresponding element number. Each element contains the Master Plan Goals, Objectives, and Policies, with the corresponding maps and figures. Additionally, for reference purposes, the Data and Analysis for each element has been included as a separate section following the Master Plan Goals, Objectives, and Policies section. The Data and Analysis section consists of charts, statistics, graphics, and definitions that identify and define planning concepts and serve as supporting documentation for the Goals, Objectives, and Policies. The Master Plan document update was presented in a strike-through and underlined text format to indicate revisions to the 2010-2020 adopted Master Plan. Written comments were encouraged. UCF addressed any comments received, and the Plan was adopted by the Board of Trustees on November 20, 2014.

Upon adoption of this plan by the Board of Trustees, the University began negotiating Campus Development Agreement with the host local government, Orange County. This agreement will identify and help mitigate the University's impacts on public services. A Memorandum of Understanding (MOU) currently exists between Orange County and the University of Central Florida to further intergovernmental cooperation and coordination of development and permitting activity; to ensure frequent communication, and the exchange of mutually beneficial information; and to discuss other coordination issues as deemed appropriate by either party. The term of this agreement was established for a five-year period, effective August 3, 2010, and was subject to subsequent automatic one year renewals.

Academic Mission

The University of Central Florida is a public, multi-campus research university, whose mission is to offer opportunities for high-quality undergraduate, graduate, and continuing education. It pursues international prominence in key programs of graduate study and research and provides global focus to curriculum and research programs. The University strives to become more inclusive and diverse and affords services that enhance the intellectual, cultural, environmental, and economic development of central Florida. UCF is on a mission to be America's leading partnership university and continues to develop systematically and engage in programs that are responsive to the needs of the local, state, national, and global communities.

Academic Program

To fulfill its academic mission, the University must plan and support academic programs that accommodate projected enrollment and headcounts.

The following table shows the projected enrollment growth for the next five years at the Main Campus. These headcounts may include online classes and classes at other UCF campuses.

Year	Fall Main Campus Headcount
2015	50,714
2016	52,026
2017	53,295
2018	54,288
2019	54,155
2020	54,163

The above figures are based on official enrollment projections provided by Institutional Knowledge Management. Experience over the past decade indicates that these projections may fluctuate up or down due to:

- a. the increased number of courses available online;
- b. rising costs in education and difficult economic times;
- c. the addition of programs and classes on UCF's Regional Campuses;
- d. changes in the state population and the Central Florida region;
- e. UCF's increased "market share" among college-bound students compared to other universities in the state; and
- f. the growing emphasis on graduate studies at UCF.

Capital Improvements

Capital Improvements refers to the addition of permanent facilities or restoration of some aspect of the properties to meet the needs of the University, as identified in the Campus Master Plan. It involves estimating the cost of improvements for which the University has fiscal responsibility; analyzing the fiscal capability of the University to finance and construct improvements; adopting financial policies to guide the funding of improvements; and scheduling the funding and construction of improvements in a manner that insures they are provided when required, based on needs identified in the

Master Plan elements. All development is contingent upon the availability of funding. All Capital Improvements activity at UCF is guided and directed by Florida Statute, the State University System of Florida's Board of Governors, and the University of Central Florida's Board of Trustees.

Sustainability Initiatives

Efforts toward a more sustainable campus are spearheaded by Sustainability Initiatives and the Department of Utilities and Energy Services (U&ES). Their mission is to obtain energy-efficient operation of building systems through education, optimization, and verification, while providing professional leadership and fostering sustainable growth. Through their educational and interactive programs, such as the proactive recycling initiatives through the Recycling Center, and implementation of Leadership in Energy and Environmental Design (LEED) standards, they are helping to create a campus population which is informed and actively participates in the University's sustainable growth.

The Facilities Planning and Construction department assures that all new construction on campus is registered with the US Green Building Council (USGBC) and that it meets a minimum LEED Silver rating. UCF stipulates thirty-three (33) of the LEED credits which have been identified as crucial to meeting UCF's goal to construct more energy-efficient and sustainable buildings. The remaining credits needed to achieve the minimum Silver rating are determined by the design team for each project, and approved by Sustainability Initiatives and U&ES. See the Conservation Element 2.13 of the Campus Master Plan for the breakdown of these specific LEED requirements.

The department of Landscape & Natural Resources creates and maintains a sustainable outdoor environment, provides high quality service for operational activities, and generates research and educational initiatives that guide conservation and stewardship of natural resources. They support the mission of UCF through a comprehensive outdoor laboratory that creates opportunities for relevant, experience-based learning, urban ecology research, and human connection with ecosystems and landscapes. Their inclusive program supports regional, state, national, and global efforts to develop sustainable urban environments.

Facilities Operations plays a vital role in the implementation and maintenance of the standards and practices established by the Energy and Sustainability Policy. The use of proactive routine maintenance, preventive maintenance, and capital renewal programs enhance and continue the benefits derived from energy and sustainability practices.

Note: Because of the large size of the Master Plan, please see the URL below linking you to the 2015-2025 UCF Campus Master Plan:

[2015-2025 UCF Campus Master Plan](#)

D. Unsatisfactory Space (as listed on Form B (1C) Unsatisfactory Space to be Demolished/Terminated)

SITE 1 – MAIN CAMPUS

(At the end of these modular/portable lifespans, office space will be redistributed to future facilities as listed on the Form B.)

- 39 Wayne Densch II
- 42 Utility Building 8
- 49 Utility Building 9
- 630 Band Building

SITE 2 – SOUTH ORLANDO CAMPUS

(Recommended demolitions by the Educational Plant Survey Team)

- Building 701, South Orlando I
- Building 702, South Orlando II

E. UCF President Acknowledgement of the Educational Plant Survey Recommendations



RECOMMENDATIONS OF SURVEY TEAM

UNIVERSITY OF CENTRAL FLORIDA

Date: January 28, 2016

Survey Team Members: Robin Anderson, Team Leader (UWF), Kenneth Ogletree (BOG), Teira E. Farley (BOG), Tina D'Auria (UF), Mary Mory (UNF), Patricia Pasden (FGCU)

Site Improvements Recommendations:

1.1 Land Acquisition – This project allows the university to continue purchasing properties surrounding all campuses as identified in the adopted Campus Master Plan.

1.2 Landscaping and Site Improvements – This is a general recommendation to continue landscaping, road and site improvements consistent with the adopted Campus Master Plan.

1.3 Utility Infrastructure – This is a general recommendation for modifications to or expansion of utility infrastructure, capital renewal, and roofs consistent with the adopted Campus Master Plan.

Remodeling/Renovation Recommendations:

Remodeling/renovation recommendations are in accordance with the net square footage as described in the Form B. As presented, remodeling/renovation recommendations yield no significant changes to existing space use categories. Any changes to remodeling/renovation projects that exceed 100% of any space use categories will require a supplemental survey.

Main Campus

- 2.1 Colbourn Hall Renovation
- 2.2 John C. Hitt Library Renovation, Phase II
- 2.3 Business Administration Renovation
- 2.4 Millican Hall Renovation
- 2.5 Chemistry Renovation
- 2.6 Facilities and Safety Complex Renovation
- 2.7 Visual Arts Renovation

UCF Downtown

- 2.8 Center for Emerging Media Renovation

P.O. Box 160002 • Orlando, FL 32816-0002 • (407) 823-1823 • Fax: (407) 823-2264 • jhitt@mail.ucf.edu

An Equal Opportunity and Affirmative Action Institution

New Construction Recommendations:

New construction recommendations are in accordance with the presented net square footage and as described in the Form B.

Main Campus

- 3.1 Interdisciplinary Research and Incubator Facility
- 3.2 John C. Hitt Library Renovation (Addition), Phase II
- 3.3 Trevor Colbourn Hall
- 3.4 Arts Complex, Phase II
- 3.5 Multi-Purpose Research and Education
- 3.6 Visual Arts Addition
- 3.7 Interdisciplinary Research, Building II
- 3.8 Classroom III
- 3.9 Civil and Environmental Engineering
- 3.10 Welcome Center Addition
- 3.11 Band Building

¹UCF Downtown

- 3.12 Building I
- 3.13 Central Energy Plant

Lake Nona

- 3.14 College of Nursing
- 3.15 Facilities and Safety Support Building

Demolition Recommendations:

Per Board Regulation 9.004, Razing of Buildings, demolition projects beneath the \$1,000,000 threshold do not require an Educational Plant Survey recommendation; however, all reductions in space categories should be appropriately reflected in the Form B.

- 4.1 Utility Building 8 (Building 42), 1,500 sq. ft.
- 4.2 Utility Building 9 (Building 46), 592 sq. ft.
- 4.3 Wayne Densch II (Building 39), 15,876 sq. ft.
- 4.4 Band Trailer (Building 630), 3,658 sq. ft.
- 4.5 South Orlando Building I (Building 701), 6,690 sq. ft.
- 4.6 South Orlando Building II (Building 702), 5,167 sq. ft.

Projects Based on Exception Procedure (New Construction):

- 5.1 N/A

Special Purpose Center Recommendations:

- 6.1 Coastal Biology Station at Brevard County

Standard University-wide Recommendations:

SR1. Projects for safety corrections are recommended.

SR2. Projects for corrections or modifications necessary to comply with the Americans with Disabilities Act are recommended.

SR3. Projects required to repair or replace a building's components are recommended provided that the total cost of the project does not exceed 25% of the replacement cost of the building.

SR4. Expansion, replacement, and upgrading of existing utilities/infrastructure systems to support projects identified within this Educational Plant Survey are recommended.

SR5. Projects requiring renovations to space vacated in conjunction with new construction that result in no significant changes in space categories, are recommended.

Notes:

A. University is to write recommendation text in accordance with current Educational Plant Survey format criteria.

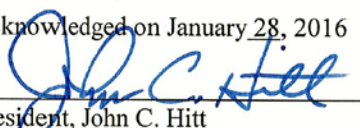
B. The Survey Team requires that projects recommended for approval are to be incorporated into the Master Plan Update(s).

C. The Survey Team recommendations to the Board of Governors cannot exceed 100% utilization in any of the nine (9) space categories. Any project that exceeds 100% utilization must be modified to ensure approval by the Survey Team. The 100% threshold options are as follows:

1. Re-verify classification /utilization
2. Delete project or space utilization category
3. Reduce space utilization category
4. Trade with other space category within the project
5. Shift project priorities
6. Provide sufficient data to support any overage

D. Supplemental surveys are required if any changes to project scope result in a space category exceeding 100% of formula-driven need.

Acknowledged on January 28, 2016



President, John C. Hitt

¹ Recommendations are subject to the approval by the Board of Governors of the Type I Campus site designation of the UCF Downtown Campus. The University of Central Florida previously obtained approval from its Board of Trustees and acquired the required subsequent approval by the Board of Governors on March 2, 2016.

F. State University Checklist for Submitting Educational Plant Survey Reports to the Florida Board of Governors

This checklist is to be used by the university before submitting state university Educational Plant Survey reports pursuant to Section 1013.31(1)(a), Florida Statutes. Checking the Survey report against this list will indicate if the report is complete and ready for submission.

A checkmark (✓) beside an item number indicates the answer is "Yes;" an ex (X) beside a number indicates "No."

1. Name of university: University of Central Florida
2. Date of previous five-year survey: February 8-11, 2011
3. Date of this survey: October 6-8, 2015
4. New survey out year: 2020
5. Three copies of survey report submitted to the Board of Governors (BOG). ✓
6. Was the survey report made available on the university web site? ✓
7. Was the survey conducted for official sites only? ✓
8. Is each site described in the report by its number, name, type, date it was established, address, acreage, and the number of buildings it contains? ✓
9. Throughout the report, are sites referred to by name and number? ✓
10. Is a copy of the current list of Institutional Sites by Type for the State University System attached? N/A
11. Has a current site inventory report for the university been forwarded to the Board of Governors? ✓
12. Is a copy of the approved current five-year planned enrollments for the university attached? ✓
13. Do FTE figures used in the survey report match those in the five-year planned enrollments? ✓
14. Does the survey report include a table showing total Capital Outlay Full Time Equivalent (COFTE) for the university, by level of student within each site, for the five years of the survey? ✓
15. Does the survey report include a table for each site showing COFTE by discipline category within level of student for the survey out year? ✓
16. Have all space needs been generated correctly? ✓
17. Are the generated aggregate amounts of square feet for the space categories for each site included in the space category aggregate square footage summary table for the site? ✓

18. Is a copy of the current building inventory report for the university available? ✓
19. Is a copy of a site plan showing building locations attached for each site? ✓
20. Is a copy of the current room inventory report for the university available? ✓
21. Is a copy of the current existing satisfactory aggregate assignable square feet by space category by site report for the university attached? ✓
22. Does the survey report contain a table for each site which lists the buildings on that site describing each by number, name, status, condition and area in assignable square feet, non-assignable square feet, and gross square feet? ✓
23. Throughout the report, are buildings referred to by number and name? ✓
24. Are the aggregate amounts of existing satisfactory square feet for the space categories for each site included in the space category aggregate square footage summary table for the site? ✓
25. Does the survey report contain recommendations for each site? ✓
26. Are the recommendations limited to fixed capital outlay items such as the acquisition, remodeling, renovation, and construction of real property? ✓
27. Does each recommendation contribute to resolving differences between the existing educational and ancillary plants and the determination of future needs? ✓
28. Does the survey report contain a space category aggregate square footage table for each site which shows by the nine space categories the amounts of square feet needed, amounts of satisfactory square feet existing, changes caused by remodeling, renovation, and new construction recommendations, and the total amounts of square feet planned? ✓
29. Are the amounts of square feet planned the same as the amounts of square feet needed? ✓

The Educational Plant Survey for the University of Central Florida was approved by the University Board of Trustees on January 28, 2016.

(Date)


University President

May 13, 2016
Date


Chairman, Board of Trustees

May 13, 2016
Date

G. Building System Condition Survey Forms

Building System Condition Survey Forms have been completed for the following buildings at the main campus (site 1) of University of Central Florida and the South Orlando campus (site 2) that have been recommended by the Educational Plant Survey (October 2015) for extensive remodeling and/or demolition:

Site 1:

- Building 39 Wayne Densch II
- Building 42 Utility Building 8
- Building 49 Utility Building 9
- Building 630 Band Building

Site 2:

- Building 701 South Orlando I
- Building 702 South Orlando II

BUILDING SYSTEM CONDITION SURVEY

STATE UNIVERSITY SYSTEM OF FLORIDA

University Name: UNIVERSITY OF CENTRAL FLORIDA Date: October 14, 2015

Building Name: Wayne Densch II Building No.: 39

Building Occupancy Date: 8-1-1983 Building Age: 32 years

Building Envelope:

(Data Element 10067)

Window/Glazing

Condition Code: 5

Exterior Wall

Condition Code: 3

Foundation

Condition Code: 2

Exterior Doors

Condition Code: 5

Condition Code: 4

Building Roof System (See CM-N-16 for components):

(Data Element 10068)

Condition Code: 5

Mechanical Systems:

(Data Element 10069)

HVAC System

Condition Code: 5

Elevator Systems

Condition Code: N/A

Condition Code: 5

Electrical System:

(Data Element 10070)

Lighting

Condition Code: 5

Grounding

Condition Code: 4

Internal Distribution

Condition Code: 5

Condition Code: 5

Plumbing System:

(Data element 10071)

Fixtures

Condition Code: 4

Piping

Condition Code: 4

Condition Code: 4

Building Interior:

(No Data Element)

Doors

Condition Code: 4

Ceilings

Condition Code: 4

Floors

Condition Code: 4

Walls/Partitions

Condition Code: 4

Condition Code: 4

Life Safety Systems:

(No Data Element)

Fire Alarm:

Condition Code: 5

Fire Suppression

Condition Code: N/A

Emergency Generator

Condition Code: N/A

Condition Code: 5

Notes: The building is a safety hazard. It has been recommended for demolition by the Educational Plant Survey 2015-2016.

Completed By: Christy Collier, Assistant Director, Space Utilization 10-14-15

Condition Codes:

1. Satisfactory. Building component is suitable for continued use with normal maintenance.
2. Renewal A. Needs minimal capital renewal. The approximate cost is not greater than 25% of the estimated replacement cost of the component.
3. Renewal B. Needs more than minimal capital renewal. The approximate cost is greater than 25% but not greater than 50% of the estimated replacement cost of the component.
4. Renewal C. Requires major capital renewal. The approximate cost is greater than 50% of the replacement cost of the component.
5. Replacement. Component should be replaced.

BUILDING SYSTEM CONDITION SURVEY **STATE UNIVERSITY SYSTEM OF FLORIDA**

University Name: UNIVERSITY OF CENTRAL FLORIDA Date: October 14, 2015

Building Name: Utility Building 8 Building No.: 42

Building Occupancy Date: 8-1-1983 Building Age: 32 years

Building Envelope:

(Data Element 10067)

Window/Glazing

Condition Code: N/A

Exterior Wall

Condition Code: 5

Foundation

Condition Code: 3

Exterior Doors

Condition Code: 5

Condition Code: 5

Building Roof System (See CM-N-16 for components):

(Data Element 10068)

Condition Code: 5

Mechanical Systems:

(Data Element 10069)

HVAC System

Condition Code: N/A

Elevator Systems

Condition Code: N/A

Condition Code: 5

Electrical System:

(Data Element 10070)

Lighting

Condition Code: 5

Grounding

Condition Code: 5

Internal Distribution

Condition Code: 5

Condition Code: 5

Plumbing System:

(Data element 10071)

Fixtures

Condition Code: N/A

Piping

Condition Code: N/A

Condition Code: N/A

Building Interior:

(No Data Element)

Doors

Condition Code: 5

Ceilings

Condition Code: 5

Floors

Condition Code: 5

Walls/Partitions

Condition Code: 5

Condition Code: 5

Life Safety Systems:

(No Data Element)

Fire Alarm:

Condition Code: N/A

Fire Suppression

Condition Code: N/A

Emergency Generator

Condition Code: N/A

Condition Code: N/A

Notes: The building is a safety hazard. It has been recommended for demolition by the Educational Plant Survey 2015-2016.

Completed By: Christy Collier, Assistant Director, Space Utilization 10-14-15

Condition Codes:

1. Satisfactory. Building component is suitable for continued use with normal maintenance.
2. Renewal A. Needs minimal capital renewal. The approximate cost is not greater than 25% of the estimated replacement cost of the component.
3. Renewal B. Needs more than minimal capital renewal. The approximate cost is greater than 25% but not greater than 50% of the estimated replacement cost of the component.
4. Renewal C. Requires major capital renewal. The approximate cost is greater than 50% of the replacement cost of the component.
5. Replacement. Component should be replaced.

BUILDING SYSTEM CONDITION SURVEY

STATE UNIVERSITY SYSTEM OF FLORIDA

University Name: UNIVERSITY OF CENTRAL FLORIDA Date: October 14, 2015

Building Name: Utility Building 9 Building No.: 46

Building Occupancy Date: 8-1-1985 Building Age: 30 years

Building Envelope:

(Data Element 10067)

Window/Glazing

Condition Code: N/A

Exterior Wall

Condition Code: 5

Foundation

Condition Code: 2

Exterior Doors

Condition Code: 5

Condition Code: 5

Building Roof System (See CM-N-16 for components):

(Data Element 10068)

Condition Code: 5

Mechanical Systems:

(Data Element 10069)

HVAC System

Condition Code: 5

Elevator Systems

Condition Code: N/A

Condition Code: 5

Electrical System:

(Data Element 10070)

Lighting

Condition Code: 5

Grounding

Condition Code: 5

Internal Distribution

Condition Code: 5

Condition Code: 5

Plumbing System:

(Data element 10071)

Fixtures

Condition Code: N/A

Piping

Condition Code: N/A

Condition Code: N/A

Building Interior:

(No Data Element)

Doors

Condition Code: 5

Ceilings

Condition Code: 5

Floors

Condition Code: 5

Walls/Partitions

Condition Code: 5

Condition Code: 5

Life Safety Systems:

(No Data Element)

Fire Alarm:

Condition Code: N/A

Fire Suppression

Condition Code: N/A

Emergency Generator

Condition Code: N/A

Condition Code: N/A

Notes: The building is a safety hazard. It has been recommended for demolition by the Educational Plant Survey 2015-2016.

Completed By: Christy Collier, Assistant Director, Space Utilization 10-14-15

Condition Codes:

1. Satisfactory. Building component is suitable for continued use with normal maintenance.
2. Renewal A. Needs minimal capital renewal. The approximate cost is not greater than 25% of the estimated replacement cost of the component.
3. Renewal B. Needs more than minimal capital renewal. The approximate cost is greater than 25% but not greater than 50% of the estimated replacement cost of the component.
4. Renewal C. Requires major capital renewal. The approximate cost is greater than 50% of the replacement cost of the component.
5. Replacement. Component should be replaced.

BUILDING SYSTEM CONDITION SURVEY **STATE UNIVERSITY SYSTEM OF FLORIDA**

University Name: UNIVERSITY OF CENTRAL FLORIDA Date: October 14, 2015

Building Name: Band Building Building No.: 630

Building Occupancy Date: 8-1-2004 Building Age: 11 years

Building Envelope:

(Data Element 10067)

Window/Glazing

Condition Code: 5

Exterior Wall

Condition Code: 5

Foundation

Condition Code: 4

Exterior Doors

Condition Code: 5

Condition Code: 5

Building Roof System (See CM-N-16 for components):

(Data Element 10068)

Condition Code: 5

Mechanical Systems:

(Data Element 10069)

HVAC System

Condition Code: 5

Elevator Systems

Condition Code: N/A

Condition Code: 5

Electrical System:

(Data Element 10070)

Lighting

Condition Code: 5

Grounding

Condition Code: 4

Internal Distribution

Condition Code: 5

Condition Code: 5

Plumbing System:

(Data element 10071)

Fixtures

Condition Code: 5

Piping

Condition Code: 5

Condition Code: 5

Building Interior:

(No Data Element)

Doors

Condition Code: 5

Ceilings

Condition Code: 5

Floors

Condition Code: 5

Walls/Partitions

Condition Code: 4

Condition Code: 5

Life Safety Systems:

(No Data Element)

Fire Alarm:

Condition Code: N/A

Fire Suppression

Condition Code: N/A

Emergency Generator

Condition Code: N/A

Condition Code: 5

Notes: The building is a safety hazard. It has been recommended for demolition by the Educational Plant Survey 2015-2016.

Completed By: Christy Collier, Assistant Director, Space Utilization 10-14-15

Condition Codes:

1. Satisfactory. Building component is suitable for continued use with normal maintenance.
2. Renewal A. Needs minimal capital renewal. The approximate cost is not greater than 25% of the estimated replacement cost of the component.
3. Renewal B. Needs more than minimal capital renewal. The approximate cost is greater than 25% but not greater than 50% of the estimated replacement cost of the component.
4. Renewal C. Requires major capital renewal. The approximate cost is greater than 50% of the replacement cost of the component.
5. Replacement. Component should be replaced.

BUILDING SYSTEM CONDITION SURVEY

STATE UNIVERSITY SYSTEM OF FLORIDA

University Name: UNIVERSITY OF CENTRAL FLORIDA Date: October 14, 2015

Building Name: South Orlando Building I Building No.: 701

Building Occupancy Date: 8-1-1983 Building Age: 32 years

Building Envelope:

(Data Element 10067)

Window/Glazing

Condition Code: 5

Exterior Wall

Condition Code: 5

Foundation

Condition Code: 2

Exterior Doors

Condition Code: 5

Condition Code: 5

Building Roof System (See CM-N-16 for components):

(Data Element 10068)

Condition Code: 5

Mechanical Systems:

(Data Element 10069)

HVAC System

Condition Code: 5

Elevator Systems

Condition Code: N/A

Condition Code: 5

Electrical System:

(Data Element 10070)

Lighting

Condition Code: 5

Grounding

Condition Code: 5

Internal Distribution

Condition Code: 5

Condition Code: 5

Plumbing System:

(Data element 10071)

Fixtures

Condition Code: 4

Piping

Condition Code: 5

Condition Code: 5

Building Interior:

(No Data Element)

Doors

Condition Code: 4

Ceilings

Condition Code: 4

Floors

Condition Code: 4

Walls/Partitions

Condition Code: 5

Condition Code: 4

Life Safety Systems:

(No Data Element)

Fire Alarm:

Condition Code: 5

Fire Suppression

Condition Code: N/A

Emergency Generator

Condition Code: N/A

Condition Code: 5

Notes: The building is a safety hazard. It has been recommended for demolition by the Educational Plant Survey 2015-2016.

Completed By: Christy Collier, Assistant Director, Space Utilization 10-14-15

Condition Codes:

1. Satisfactory. Building component is suitable for continued use with normal maintenance.
2. Renewal A. Needs minimal capital renewal. The approximate cost is not greater than 25% of the estimated replacement cost of the component.
3. Renewal B. Needs more than minimal capital renewal. The approximate cost is greater than 25% but not greater than 50% of the estimated replacement cost of the component.
4. Renewal C. Requires major capital renewal. The approximate cost is greater than 50% of the replacement cost of the component.
5. Replacement. Component should be replaced.

BUILDING SYSTEM CONDITION SURVEY

STATE UNIVERSITY SYSTEM OF FLORIDA

University Name: UNIVERSITY OF CENTRAL FLORIDA Date: October 14, 2015

Building Name: South Orlando II Building No.: 702

Building Occupancy Date: 8-1-1983 Building Age: 32 years

Building Envelope:

(Data Element 10067)

Window/Glazing

Condition Code: 5

Exterior Wall

Condition Code: 4

Foundation

Condition Code: 2

Exterior Doors

Condition Code: 5

Condition Code: 5

Building Roof System (See CM-N-16 for components):

(Data Element 10068)

Condition Code: 5

Mechanical Systems:

(Data Element 10069)

HVAC System

Condition Code: 5

Elevator Systems

Condition Code: N/A

Condition Code: 5

Electrical System:

(Data Element 10070)

Lighting

Condition Code: 5

Grounding

Condition Code: 5

Internal Distribution

Condition Code: 5

Condition Code: 5

Plumbing System:

(Data element 10071)

Fixtures

Condition Code: 4

Piping

Condition Code: 5

Condition Code: 5

Building Interior:

(No Data Element)

Doors

Condition Code: 4

Ceilings

Condition Code: 4

Floors

Condition Code: 4

Walls/Partitions

Condition Code: 5

Condition Code: 4

Life Safety Systems:

(No Data Element)

Fire Alarm:

Condition Code: 5

Fire Suppression

Condition Code: N/A

Emergency Generator

Condition Code: N/A

Condition Code: 5

Notes: The building is a safety hazard. It has been recommended for demolition by the Educational Plant Survey 2015-2016.

Completed By: Christy Collier, Assistant Director, Space Utilization 10-14-15

Condition Codes:

1. Satisfactory. Building component is suitable for continued use with normal maintenance.
2. Renewal A. Needs minimal capital renewal. The approximate cost is not greater than 25% of the estimated replacement cost of the component.
3. Renewal B. Needs more than minimal capital renewal. The approximate cost is greater than 25% but not greater than 50% of the estimated replacement cost of the component.
4. Renewal C. Requires major capital renewal. The approximate cost is greater than 50% of the replacement cost of the component.
5. Replacement. Component should be replaced.