

University of Florida

Educational Plant Survey



Facilities Inventory Validation & Space Needs Assessment

Site survey conducted: April 4 - 11, 2014



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Educational Plant Survey Team

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I. Introduction

An Educational Plant 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 their existing facilities and also project its future facilities needs for the next five years. This projection must be based on an examination of data on its existing facilities and a projection of future needs based on anticipated university growth, (The procedures, as approved by the BOG, are included in Appendix A).

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 appropriate educational programs and services for each student based on projected capital outlay FTE's approved by the Florida Board Governors.

The term "educational plant" is defined in s.1013.01(7) F.S., as those areas comprised of the educational facilities, sites, and site improvements, necessary to accommodate students, faculty, administrative staff and the activities of the educational program.

The term "ancillary plant" is defined in s. 1013.01(1) F.S., as an area comprised of the buildings, sites, and improvements necessary to provide such facilities as vehicle maintenance, warehouse, maintenance, or administrative buildings necessary to provide support 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 Florida Board Governors Three Year PECO Project Priority List, be recommended in a Survey and that the educational specifications for new construction be approved by the Florida Board of Governors before appearing 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, site improvement, renovation, remodeling, construction project, funded through this source of revenue and all buildings, equipment, other structures, and educational use area that are built, installed or established must be necessary to accommodate and serve the primary educational institutional program of the University's 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 Board of Trustees (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, includes the capital improvement element of the 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 ten 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, Student Academic Support, Gymnasium, 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 is comprised of 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 are carried out. Table 1 identifies the main Survey activities and lead responsibilities.

<p style="text-align: center;"><u>Table 1</u></p> <p style="text-align: center;">Educational Plant Survey Activities</p>			
Activity	Responsibility		
	University	Board of Governors	Survey Team
Establish schedule	X	X	
Letter to President		X	
Dates, procedures, responsibilities, designation of University representatives; determine inventory sample for validation	X		
Identification of existing/proposed “ineligible” space	X		
Prepare facilities inventory reports (site/building/room reports)	X		
Coordinate logistics for validation field work	X		
Perform validation (on-site field work)	X		X
Update inventory based on validation	X		
Provide established enrollment projections		X	
Perform formula space needs analysis	X		
Develop proposed projects & justification	X		
Develop survey workbook: schedule, mission statement, site data, academic programs, enrollment, space needs, inventory data, project summaries & justifications	X		
Develop comments regarding degree program facility needs	X		
Develop comments regarding proposed projects (CIP & Master Plan)	X		
Coordinate logistics for needs assessment field work	X		
Perform needs assessment (on-site field work): review proposed projects in relation to programs, space needs, data, current inventory, and any special Justification	X		X
Exit meeting	X		X
Prepare initial summary of survey recommendations			X
Prepare final summary of survey recommendations	X		
Prepare written report	X		
Validate survey		X	

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 are 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 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 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 they inspect rooms within the selected buildings.

Functions of Survey Team during Validation

The main function of the 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

SITE	BUDGET	BLDG NAME	GSF
MAIN CAMPUS	E&G	309 Harn Asian Art	33,855
MAIN CAMPUS	E&G	30 Weimer Hall Expansion	8,500
MAIN CAMPUS	E&G	1626 Powell Structures Lab Addition	11,600
MAIN CAMPUS	E&G	64 HOUGH HALL	67,732
MAIN CAMPUS	E&G	81 COUNSELING AND WELLNESS CENTER	23,635
MAIN CAMPUS	E&G	110 STEINBRENNER BAND HALL	17,032
MAIN CAMPUS	E&G	764 MARTIN H LEVIN ADVOCACY CENTER	20,461
MAIN CAMPUS	E&G	958 CHEMICAL ENGINEERING STUDENT CENTER	11,789
MAIN CAMPUS	Health or Medical Center	213 BIOMEDICAL SCIENCES BUILDING	164,251
MAIN CAMPUS	Health or Medical Center	1375 INSTITUTE ON AGING CLINICAL TRANSLATIONAL RESEARCH BLDG	129,418
MAIN CAMPUS	Health or Medical Center	1377 EMERGING PATHOGENS INSTITUTE	88,858
MAIN CAMPUS	Health or Medical Center	1379 AQUATIC PATHOBIOLOGY	7,615
MAIN CAMPUS	Vet Med	75 VETERINARY SMALL ANIMAL HOSPITAL	111,067
MAIN CAMPUS	Vet Med	221 VAB AUDITORIUM	7,875
MAIN CAMPUS	IFAS	360 GREENHOUSE, AGRONOMY	648
MAIN CAMPUS	IFAS	484 STRAUGHN EXTENSION PROFESSIONAL DEVELOPMENT CENTER	19,760
MAIN CAMPUS	IFAS	624 GREENHOUSE	1,296
MAIN CAMPUS	IFAS	834 GREENHOUSE	1,800
MAIN CAMPUS	IFAS	839 SOILS EQUIPMENT BUILDING	80
MAIN CAMPUS	IFAS	867 ANIMAL SCIENCE SECURITY RESIDENCE	924
MAIN CAMPUS	IFAS	1291 PLANT PATHOLOGY DIAGNOSTICS LAB	6,232
MAIN CAMPUS	IFAS	1298 ENTOMOLOGY GREENHOUSE	648
MAIN CAMPUS	IFAS	1299 ENTOMOLOGY GREENHOUSE	648
MAIN CAMPUS	IFAS	1373 HEAD HOUSE	1,204
MAIN CAMPUS Total			736,928
EASTSIDE CAMPUS	E&G	1628 EAST CAMPUS OFFICE BUILDING	84,021
EASTSIDE CAMPUS	E&G	1635 UF DATA CENTER	26,182
EASTSIDE CAMPUS	E&G	1626 Powell Structures Lab Addition	11,600
EASTSIDE CAMPUS Total			121,804
ALACHUA COUNTY	E&G	3440 FLORIDA INNOVATION HUB AT UF	51,710
ALACHUA COUNTY	E&G	3451 WARPHAUS	6,331
ALACHUA COUNTY	E&G	3452 WARPHAUS SERVICE BLDG	1,345
ALACHUA COUNTY Total			59,385
COLLIER COUNTY	Health or Medical Center	3411 NAPLES DENTAL CLINIC	19,643
COLLIER COUNTY Total			19,643
LAKE NONA	Health or Medical Center	3425 UF RESEARCH AND ACADEMIC CENTER AT LAKE NONA	114,329
LAKE NONA	Health or Medical Center	3460 UF CENTER AT LAKE NONA UTILITY YARD	4,225
LAKE NONA Total			118,554
DAIRY UNIT AGRONOMY FORAGE HAGUE	IFAS	854 FEED BARN	21,400
DAIRY UNIT AGRONOMY FORAGE HAGUE	IFAS	1346 SHADE HOUSE	6,720
DAIRY UNIT AGRONOMY FORAGE HAGUE Total			28,120
BEEF UNIT MONTEOCHA	IFAS	1347 OFFICE BUILDING	1,000
BEEF UNIT MONTEOCHA Total			1,000
FISHERIES & AQUATIC SCIENCES MILLHOPPER	IFAS	1398 SHADEHOUSE	9,928
FISHERIES & AQUATIC SCIENCES MILLHOPPER Total			9,928
DAIRY UNIT AGRONOMY FORAGE HAGUE	IFAS	1399 STORAGE BUILDING	468
DAIRY UNIT AGRONOMY FORAGE HAGUE Total			468
ORDWAY MELROSE	IFAS	2205 EQUIPMENT STORAGE	4,000
ORDWAY MELROSE	IFAS	2206 SILO	250
ORDWAY MELROSE	IFAS	2207 RESIDENCE	2,268
ORDWAY MELROSE	IFAS	2208 EQUIPMENT STORAGE	960
ORDWAY MELROSE	IFAS	2209 EQUIPMENT STORAGE	792
ORDWAY MELROSE	IFAS	2230 RESIDENCE (COFRIN)	1,893
ORDWAY MELROSE	IFAS	2231 STORAGE BUILDING (COFRIN)	80
ORDWAY MELROSE Total			10,243
MID FLORIDA REC APOPKA	IFAS AREC	4001 TERMITE TRAINING FACILITY	1,988
MID FLORIDA REC APOPKA	IFAS AREC	4004 MULTIPURPOSE FACILITY	3,088
MID FLORIDA REC APOPKA	IFAS AREC	4007 SHADE HOUSE	41,616
MID FLORIDA REC APOPKA	IFAS AREC	4011 SHADE HOUSE	1,350
MID FLORIDA REC APOPKA	IFAS AREC	4049 ORKIN TERMITE TRAINING FACILITY	6,000
MID FLORIDA REC APOPKA	IFAS AREC	4050 ENTOMOLOGY REARING FACILITY	4,181

SITE	BUDGET	BLDG NAME	GSF
MID FLORIDA REC APOPKA	IFAS AREC	4051 GREENHOUSE	17,640
MID FLORIDA REC APOPKA	IFAS AREC	4052 GREENHOUSE	4,608
MID FLORIDA REC APOPKA Total			80,471
FT LAUDERDALE REC	IFAS AREC	5010 DEMONSTRATION FACILITY	1,296
FT LAUDERDALE REC	IFAS AREC	5013 EQUIPMENT STORAGE	360
FT LAUDERDALE REC	IFAS AREC	5040 CHILLER PLANT	640
FT LAUDERDALE REC	IFAS AREC	5070 HEAD HOUSE	5,950
FT LAUDERDALE REC	IFAS AREC	5072 GREENHOUSE	2,989
FT LAUDERDALE REC	IFAS AREC	5073 SHADE HOUSE	2,401
FT LAUDERDALE REC	IFAS AREC	5074 GREENHOUSE	3,025
FT LAUDERDALE REC	IFAS AREC	5075 GREENHOUSE	10,585
FT LAUDERDALE REC	IFAS AREC	5076 SHADE HOUSE	4,656
FT LAUDERDALE REC	IFAS AREC	5077 SHADE HOUSE	16,393
FT LAUDERDALE REC	IFAS AREC	5078 GRADUATE RESIDENCE	2,471
FT LAUDERDALE REC	IFAS AREC	5080 FAU BC90	1
FT LAUDERDALE REC Total			50,767
GULF COAST REC BALM	IFAS AREC	5206 MULTIPURPOSE FACILITY	2,542
GULF COAST REC BALM	IFAS AREC	5220 SHADE HOUSE	18,000
GULF COAST REC BALM	IFAS AREC	5221 GREENHOUSE	1,728
GULF COAST REC BALM Total			22,270
CITRUS REC LAKE ALFRED	IFAS AREC	7105 STORAGE BUILDING	48
CITRUS REC LAKE ALFRED	IFAS AREC	7108 EQUIPMENT STORAGE	520
CITRUS REC LAKE ALFRED	IFAS AREC	7109 STORAGE BUILDING	240
CITRUS REC LAKE ALFRED	IFAS AREC	7111 EQUIPMENT STORAGE	48
CITRUS REC LAKE ALFRED	IFAS AREC	7113 GREENHOUSE	1,440
CITRUS REC LAKE ALFRED	IFAS AREC	7117 SHADE HOUSE	18,900
CITRUS REC LAKE ALFRED Total			21,196
INDIAN RIVER REC FT PIERCE	IFAS AREC	7314 SCREEN HOUSE	384
INDIAN RIVER REC FT PIERCE	IFAS AREC	7317 PUMP HOUSE	280
INDIAN RIVER REC FT PIERCE	IFAS AREC	7322 SCREEN HOUSE	384
INDIAN RIVER REC FT PIERCE	IFAS AREC	7324 SCREEN HOUSE	384
INDIAN RIVER REC FT PIERCE	IFAS AREC	7325 SCREEN HOUSE	384
INDIAN RIVER REC FT PIERCE	IFAS AREC	7365 AQUACULTURE RESEARCH CENTER	7,500
INDIAN RIVER REC FT PIERCE	IFAS AREC	7366 STORAGE BUILDING	5,750
INDIAN RIVER REC FT PIERCE	IFAS AREC	7367 GREENHOUSE	2,376
INDIAN RIVER REC FT PIERCE	IFAS AREC	7368 STERILIZATION PROCESS TANK	498
INDIAN RIVER REC FT PIERCE	IFAS AREC	7370 CLASSROOM (ZOO)	864
INDIAN RIVER REC FT PIERCE	IFAS AREC	7371 TEACHING STORAGE FACILITY (ZOO)	1,144
INDIAN RIVER REC FT PIERCE	IFAS AREC	7372 ANIMAL SHELTER (ZOO)	240
INDIAN RIVER REC FT PIERCE	IFAS AREC	7373 ANIMAL SHELTER (ZOO)	240
INDIAN RIVER REC FT PIERCE	IFAS AREC	7374 ANIMAL SHELTER (ZOO)	240
INDIAN RIVER REC FT PIERCE	IFAS AREC	7375 ANIMAL SHELTER (ZOO)	240
INDIAN RIVER REC FT PIERCE	IFAS AREC	7376 SWINE HOUSE (ZOO)	100
INDIAN RIVER REC FT PIERCE	IFAS AREC	7377 DUCK HOUSE (ZOO)	256
INDIAN RIVER REC FT PIERCE	IFAS AREC	7378 CHICKEN HOUSE (ZOO)	256
INDIAN RIVER REC FT PIERCE	IFAS AREC	7379 PEA FOWL HOUSE (ZOO)	100
INDIAN RIVER REC FT PIERCE	IFAS AREC	7380 TURKEY HOUSE (ZOO)	256
INDIAN RIVER REC FT PIERCE	IFAS AREC	7381 QUARANTINE PEN (ZOO)	36
INDIAN RIVER REC FT PIERCE	IFAS AREC	7382 QUARANTINE PEN (ZOO)	36
INDIAN RIVER REC FT PIERCE	IFAS AREC	7383 PUMP HOUSE (ZOO)	100
INDIAN RIVER REC FT PIERCE	IFAS AREC	7390 EQUIPMENT STORAGE (FFA)	2,400
INDIAN RIVER REC FT PIERCE	IFAS AREC	7391 OFFICE RESTROOMS (FFA)	352
INDIAN RIVER REC FT PIERCE	IFAS AREC	7392 EQUIPMENT STORAGE (FFA)	7,500
INDIAN RIVER REC FT PIERCE Total			32,300
EVERGLADES REC BELLE GLADE	IFAS AREC	7413 GREENHOUSE	468
EVERGLADES REC BELLE GLADE	IFAS AREC	7428 AGRICULTURAL ENGINEERING MAINTENANCE FACILITY	11,250
EVERGLADES REC BELLE GLADE	IFAS AREC	7439 GREENHOUSE	6,000
EVERGLADES REC BELLE GLADE	IFAS AREC	7441 EQUIPMENT STORAGE	2,500
EVERGLADES REC BELLE GLADE	IFAS AREC	7493 MULTIPURPOSE FACILITY	1,884
EVERGLADES REC BELLE GLADE	IFAS AREC	7495 CHILLER	144
EVERGLADES REC BELLE GLADE Total			22,246
PLANT SCIENCE RESEARCH & EDUCATION CITRA	IFAS AREC	7501 EQUIPMENT STORAGE BLDG	405
PLANT SCIENCE RESEARCH & EDUCATION CITRA	IFAS AREC	7523 CITRUS QUARANTINE GREENHOUSE	6,320

SITE	BUDGET	BLDG NAME	GSF
PLANT SCIENCE RESEARCH & EDUCATION CITRA	IFAS AREC	7524 SHADEHOUSE	9,600
PLANT SCIENCE RESEARCH & EDUCATION CITRA	IFAS AREC	7525 ADMINISTRATION BUILDING	3,432
PLANT SCIENCE RESEARCH & EDUCATION CITRA	IFAS AREC	7526 EQUIPMENT STORAGE	12,000
PLANT SCIENCE RESEARCH & EDUCATION CITRA	IFAS AREC	7527 FRANK STRONACH PLANT SCIENCE CENTER	7,880
PLANT SCIENCE RESEARCH & EDUCATION CITRA Total			39,637
SOUTHWEST FLORIDA REC IMMOKALEE	IFAS AREC	7704 GREENHOUSE	2,820
SOUTHWEST FLORIDA REC IMMOKALEE	IFAS AREC	7750 AG ENG MAINTENANCE FACILITY	7,000
SOUTHWEST FLORIDA REC IMMOKALEE	IFAS AREC	7751 MULTIPURPOSE FACILITY	1,884
SOUTHWEST FLORIDA REC IMMOKALEE	IFAS AREC	7752 GREENHOUSE	162
SOUTHWEST FLORIDA REC IMMOKALEE	IFAS AREC	7753 GREENHOUSE	162
SOUTHWEST FLORIDA REC IMMOKALEE	IFAS AREC	7754 GREENHOUSE	162
SOUTHWEST FLORIDA REC IMMOKALEE	IFAS AREC	7755 GREENHOUSE	162
SOUTHWEST FLORIDA REC IMMOKALEE Total			12,352
NORTH FLORIDA REC QUINCY	IFAS AREC	7911 FIELD SUPPORT BUILDING	600
NORTH FLORIDA REC QUINCY	IFAS AREC	7938 GREENHOUSE	1,440
NORTH FLORIDA REC QUINCY	IFAS AREC	7939 GREENHOUSE	1,440
NORTH FLORIDA REC QUINCY	IFAS AREC	7940 SHADE HOUSE	13,869
NORTH FLORIDA REC QUINCY	IFAS AREC	7997 GREENHOUSE	2,592
NORTH FLORIDA REC QUINCY Total			19,941
NORTH FLORIDA REC MARIANNA	IFAS AREC	8006 PEANUT RESEARCH FACILITY	7,542
NORTH FLORIDA REC MARIANNA	IFAS AREC	8032 MULTIPURPOSE FACILITY	2,408
NORTH FLORIDA REC MARIANNA	IFAS AREC	8039 FEED EFFICIENCY OFFICE	237
NORTH FLORIDA REC MARIANNA Total			10,187
RANGE CATTLE REC ONA	IFAS AREC	8113 FIELD SUPPORT BUILDING	600
RANGE CATTLE REC ONA	IFAS AREC	8114 EQUIPMENT STORAGE	240
RANGE CATTLE REC ONA	IFAS AREC	8153 FACULTY EQUIPMENT STORAGE	9,000
RANGE CATTLE REC ONA	IFAS AREC	8154 MULTIPURPOSE FACILITY	1,643
RANGE CATTLE REC ONA	IFAS AREC	8155 FORAGE FIELD LAB	2,075
RANGE CATTLE REC ONA	IFAS AREC	8156 STORAGE BARN	418
RANGE CATTLE REC ONA Total			13,976
TROPICAL REC HOMESTEAD	IFAS AREC	8223 LAB BUILDING	6,187
TROPICAL REC HOMESTEAD	IFAS AREC	8268 GRADUATE RESIDENCE	1,884
TROPICAL REC HOMESTEAD	IFAS AREC	8269 GRADUATE RESIDENCE	1,884
TROPICAL REC HOMESTEAD	IFAS AREC	8270 GRADUATE RESIDENCE	1,884
TROPICAL REC HOMESTEAD	IFAS AREC	8271 GREENHOUSE	4,868
TROPICAL REC HOMESTEAD	IFAS AREC	8272 SHADEHOUSE	21,600
TROPICAL REC HOMESTEAD	IFAS AREC	8273 SCREENHOUSE	3,456
TROPICAL REC HOMESTEAD Total			41,763
NORTH FLORIDA REC SUWANNEE VALLEY	IFAS AREC	8303 EQUIPMENT STORAGE	5,400
NORTH FLORIDA REC SUWANNEE VALLEY	IFAS AREC	8304 GREENHOUSE	864
NORTH FLORIDA REC SUWANNEE VALLEY Total			6,264
WEST FLORIDA REC JAY	IFAS AREC	8413 EQUIPMENT STORAGE	144
WEST FLORIDA REC JAY	IFAS AREC	8414 EQUIPMENT STORAGE	100
WEST FLORIDA REC JAY	IFAS AREC	8428 SHADE HOUSE	2,178
WEST FLORIDA REC JAY	IFAS AREC	8429 SHADE HOUSE	2,178
WEST FLORIDA REC JAY	IFAS AREC	8430 SHADE HOUSE	2,178
WEST FLORIDA REC JAY	IFAS AREC	8479 FUEL ISLAND	921
WEST FLORIDA REC JAY Total			7,699
HASTINGS REC	IFAS AREC	8708 GREENHOUSE	3,240
HASTINGS REC Total			3,240
BKI BIOREFINERY	IFAS AREC	8801 STAN MAYFIELD BIOREFINERY PILOT PLANT	18,906
BKI BIOREFINERY	IFAS AREC	8802 BIOREFINERY OFFICE	2,160
BKI BIOREFINERY Total			21,066
4H CAMP CHERRY LAKE MADISON	IFAS AREC	9211 PAVILION	384
4H CAMP CHERRY LAKE MADISON Total			384
4H CAMP TIMPOOCHEE NICEVILLE	IFAS AREC	9342 STAFF CABIN	1,672
4H CAMP TIMPOOCHEE NICEVILLE	IFAS AREC	9343 STAFF CABIN	1,672
4H CAMP TIMPOOCHEE NICEVILLE	IFAS AREC	9344 CHELCO PAVILION	6,000
4H CAMP TIMPOOCHEE NICEVILLE	IFAS AREC	9345 EQUIPMENT STORAGE BUILDING	192
4H CAMP TIMPOOCHEE NICEVILLE	IFAS AREC	9346 STORAGE BUILDING	192
4H CAMP TIMPOOCHEE NICEVILLE Total			9,728
TROPICAL AQUACULTURE LAB RUSKIN	IFAS AREC	9403 GREENHOUSE	2,160
TROPICAL AQUACULTURE LAB RUSKIN	IFAS AREC	9410 GREENHOUSE	2,160

SITE	BUDGET	BLDG NAME	GSF
TROPICAL AQUACULTURE LAB RUSKIN Total			4,320
4H CAMP CLOVERLEAF LAKE PLACID	IFAS AREC	9631 EQUIPMENT STORAGE BUILDING	160
4H CAMP CLOVERLEAF LAKE PLACID	IFAS AREC	9632 PAVILION	560
4H CAMP CLOVERLEAF LAKE PLACID Total			720
Grand Total			1,526,600

IV: The Space Needs Assessment

Objective

The object 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 (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 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

Student Academic 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 for 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 UF survey are identified within Section IX of this report.

V: Overview of the University

President

Dr. Bernie Machen

About UF

The University of Florida is a public land-grant, sea-grant and space-grant research university, one of the most comprehensive in the United States. The university encompasses virtually all academic and professional disciplines. It is the largest and oldest of Florida's eleven universities, a member of the Association of American Universities and has high national rankings by academic assessment institutions. Its faculty and staff are dedicated to the common pursuit of the university's threefold mission: teaching, research and service.

The University of Florida belongs to a tradition of great universities. Together with its undergraduate and graduate students, UF faculty participate in an educational process that links the history of Western Europe with the traditions and cultures of all societies, explores the physical and biological universes and nurtures generations of young people from diverse backgrounds to address the needs of the world's societies.

The university welcomes the full exploration of its intellectual boundaries and supports its faculty and students in the creation of new knowledge and the pursuit of new ideas.

- **Teaching** is a fundamental purpose of this university at both the undergraduate and graduate levels.
- **Research and scholarship** are integral to the educational process and to the expansion of our understanding of the natural world, the intellect and the senses.
- **Service** reflects the university's obligation to share the benefits of its research and knowledge for the public good. The university serves the nation's and the state's critical needs by contributing to a well-qualified and broadly diverse citizenry, leadership and workforce.

The University of Florida must create the broadly diverse environment necessary to foster multi-cultural skills and perspectives in its teaching and research for its students to contribute and succeed in the world of the 21st century.

These three interlocking elements — teaching, research and scholarship, and service — span all the university's academic disciplines and represent the university's commitment to lead and serve the state of Florida, the nation and the world by pursuing and disseminating new knowledge while building upon the experiences of the past. The university aspires to advance by strengthening the human condition and improving the quality of life.

History

In 1853, the state-funded East Florida Seminary took over the Kingsbury Academy in Ocala. The seminary moved to Gainesville in the 1860's and later was consolidated with the state's land-grant Florida Agricultural College, then in Lake City. In 1905, by legislative action, the college became a university and

was moved to Gainesville, FL. Classes first met with 102 students on the present site on September 26, 1906. UF officially opened its doors to women in 1947. With more than 49,000 students, UF is now one of the five largest universities in the nation.

Facilities

UF has a 2,000-acre campus and more than 1,000 buildings. This includes 167 with classrooms and laboratories. The northeast corner of campus is listed as the Historic District on the National Register of historic Places. The UF residence halls have a total capacity of 7,500 students. The five family housing villages house more than 1,000 married and graduate students.

UF's extensive capital improvement program has resulted in facilities ideal for 21st century academics and research, including the Emerging Pathogens Institute, the Clinical & Translational Research Building; the Biomedical Sciences Building; and the William R. Hough Hall, which houses the Hough Graduate School of Business. Overall, UF's current facilities have a book value of more than \$1 billion, and a replacement value of \$2 billion.

Academic Programs

UF has 16 colleges and more than 100 research, service and education centers, bureaus and institutes. More than 100 undergraduate majors are offered. Over 1,200 freshmen and sophomores participate in the honors program, which offers nearly 100 honors courses per semester. The University Scholars Program introduces UF undergrads to the exciting world of academic research by allowing them to work one-on-one with Florida faculty on selected research projects.

Libraries

The university libraries form the largest information resource system in the state of Florida. It contains over 4 million volumes, more than 7 million microfilms, and thousands of full-text electronic journals. The extensive collections include formats ranging from manuscripts to electronic texts, and are distributed in libraries across campus close to the colleges and departments they serve. Additionally, library collections are accessed through the online catalog.

The Arts

UF consistently attracts world-class symphony orchestras, Broadway plays, opera, and other large-scale ballet performances. Among UF's artistic venues are housed a permanent collection of more than 6,000 original works, the largest natural history museum in the Southeast, musical and theatrical centers, two television stations, and four radio stations.

Athletics

UF has ranked among the nation's 10 best athletic programs in each of the last 20 years. Florida couples its strong intercollegiate sports program with more than 60 intramural and club sports ranging from archery to weightlifting. More than 90 percent take advantage of the numerous outdoor courts and playing fields on campus, and in the O'Connell Center, the Student Recreation and Fitness Center, the Southwest Rec Center, and the Florida Gymnasium for indoor sports.

Student Activities

The Division of Student Affairs includes the Office of the Vice President for Student Affairs, Career Resource Center, Counseling Center, Dean of Students Office, Housing and Residence Education, J. Wayne Reitz Union, Recreational Sports, and Student Financial Affairs.

The Dean of Students Office offers support related to disabilities services, multicultural affairs, new student programs, including the Preview orientation, off-campus life, and judicial affairs. The UF student body follows an honor code committed to the highest standards of honesty and integrity.

A Leading Research Institution

Research awards have risen steadily over the decades placing UF among the nation's leading institutions. More than half of the total was for health-related research, representing a significant portion of the state's intellectual and economic commitment to biotechnology. Researchers at the McKnight Brain Institute, Genetics Institute and throughout the six colleges of the Health Science Center study everything from adult stem cells to gene therapy.

Student Research

Graduate education and research go hand-in-hand. The great discoveries of the 21st century will undoubtedly come from the creative efforts of the university faculty working closely with bright and motivated graduate students. Graduate students, particularly those pursuing the doctoral degree, broaden the knowledge base of their disciplines in countless ways. UF undergrads, through the University Scholars Program, work one-on-one with Florida faculty on selected research projects. The university's graduate programs what produced generations of professionals in a wide variety of disciplines, many of whom have risen to positions of prominence in our state, the nation, and the world.

VI: Academic Degree Programs of the University

The university's academic degree programs and student enrollment within these programs generate the primary demand for facilities. The Florida Board of Governors, pursuant s.1001.704(1) (b) 8. F.S. has the responsibility for approval of all new programs and elimination of existing programs.

The approved programs for the university are identified within Table 3.

B	Bachelor's Degree	
M	Master's Degree	
		B Indicates Limited Access Bachelor's Degree Program
		M Affiliation of programs at two or more universities
D	Doctoral Degree	
S	Specialist's Degree	
E	Engineer Degree	M Degree Granting Institution for Cooperative Degree Program
P	Professional Doctorate	D Degree Granting Institution for Cooperative Degree Program

College of Agriculture and Life Sciences

CIP	Program	Degree(s) Offered			
01.0103	Ag (Food and Resource) Economics	B	M	D	
01.0401	Packaging Science	B			
01.0603	Landscape and Nursery Horticulture	B			
01.0901	Animal Science	B	M	D	
01.1001	Food Science & Technology	B	M	D	
01.1101	Plant Sciences	B			
01.1102	Agronomy and Crop Science		M	D	
01.1103	Horticulture Science	B	M	D	
01.1199	Plant Medicine				
01.1201	Soils Science	B	M	D	
03.0104	Environmental Science	B			
03.0301	Fisheries & Aquatic Sciences		M	D	
03.0501	Forest Resources & Conservation	B	M	D	
03.0601	Wildlife Ecology and Conservation	B	M	D	
13.1301	Agricultural Teacher Ed (Vocational)	B	M	D	
14.0301	Agricultural/Biological Engineering		M	D	
15.1102	Geomatics	B			
19.0707	Family and Community Studies	B	M		
26.0101	Biology	B			

College of Agriculture and Life Sciences Continued

26.0406*	Animal Molecular and Cellular Biology		M	D	
26.0301	Botany, General	B	M	D	
26.0305	Plant Pathology		M	D	
26.0308	Plant Molecular & Cellular Biology		M	D	
26.0503	Microbiology/Bacteriology	B	M	D	
26.0702	Entomology	B	M	<u>D</u>	
26.0801	Genetics and Genomics			D	
26.1301	Interdisciplinary Ecology		M	D	
27.0501	Statistics	B	M	D	
30.1901	Nutritional Sciences			D	
30.9999	Independent/Interdisciplinary Studies	B			

College of Business Administration

CIP	Program	Degree(s) Offered		
45.0601	Economics	B	M	D
52.0201	Business Administration & Management	B	M	D
52.0301	Accounting	B	M	
52.0801	Finance, General	B	M	
52.1301	Management Science	B		
52.1401	Marketing Management	B	M	
52.1501	Real Estate	B	M	
52.1701	Insurance & Risk Management	B	M	

College of Dentistry

CIP	Program	Degree(s) Offered	
51.0401	Dentistry		
51.0501	Dental Science	M	

College of Design, Construction, and Planning

CIP	Program	Degree(s) Offered		
04.0201	Architecture	B	M	
04.0201	Design, Construction, and			D
04.0301	Urban & Regional Planning		M	
04.0601	Landscape Architecture	B	M	
15.1001	Construction/Building	B	M	
15.1005	International Construction Management		M	
30.1201	Historic Preservation		M	
30.3301*	Sustainability & Built Environment	B		
43.0203	Fire Science/Emergency Service	B	M	
50.0408	Interior Design	B	M	

College of Education

CIP	Program	Degree(s) Offered				
13.0301	Curriculum & Instruction		M	D	S	P
13.0401	Educational Administration/Leadership, General		M	D	S	
13.0406	Higher Education Administration			D	S	
13.0603	Educational Statistics & Research Methods		M	D	S	
13.1001	Special Education, General	B	M	D	S	
13.1101	Counselor Education/Student Counseling/ Guidance		M	D	S	
13.1102	College Student Counseling & Personnel Services		M		S	
13.1202	Elementary Teacher Education	B	M			
13.1203	Middle School Education	B				
13.1210	Pre-Elementary/Early Childhood Teacher Education		M			
13.1305	English Teacher Education		M			
13.1311	Mathematics Teacher Education		M			
13.1315	Reading Teacher Education		M			
13.1316	Science Teacher Education		M			
13.1318*	Social Studies Teacher Education		M			

College of Education Continued

42.2805*	School Psychology		M	D	S	
51.1505	Marriage and Family Living/Counseling		M	D	S	
51.1508	Agency, Correctional Developmental Counseling		M	D	S	

College of Engineering

CIP	Program	Degree(s) Offered			
14.0201	Aerospace Engineering	B	M	D	E
14.0301	Agricultural/Biological Engineering	B			
14.0501	Biomedical Engineering		M	D	
14.0701	Chemical Engineering	B	M	D	E
14.0801	Civil Engineering	B	M	D	
14.0901	Computer Engineering	B	M	D	E
14.1001	Electrical, Electronics Engineering	B	M	D	E
14.1401	Environmental Engineering	B	M	D	E
14.1801	Materials Engineering	B	M	D	E
14.1901	Mechanical Engineering	B	M	D	E
14.2301	Nuclear Engineering	B	M	D	E
14.2401	Coastal & Ocean Engineering		M	D	
14.2701	Industrial & Systems Engineering	B	M	D	E
50.0706*	Digital Arts/Digital Media	B	M		

College of Fine Arts

CIP	Program	Degree(s) Offered		
13.1302	Art Teacher Education	B	M	
13.1312	Music Teacher Education	B	M	D
30.1401	Museology		M	
50.0301	Dance	B		
50.0409	Graphic Design	B		
50.0501	Dramatic Arts	B	M	
50.0702	Studio/Fine Art	B	M	
50.0703	Art History & Appreciation	B	M	D
50.0706 ¹	Digital Arts/Digital Media	B	M	
50.0901	Music, General	B	M	D

College of Health and Human Performance

CIP	Program	Degree(s) Offered		
26.0908	Exercise Physiology	B	M	D
31.0301	Parks & Recreation & Management	B	M	
31.0504	Sport Management	B	M	
51.0913	Athletic Training	B		
51.2208	Community Health	B	M	

College of Journalism and Communications

CIP	Program	Degree(s) Offered		
09.0102	Communication (Mass)		M	D
09.0401	Journalism	B		
09.0701	Radio & TV Broadcasting	B		
09.0902	Public Relations & Organizational Comm.	B		
09.0903	Advertising	B	M	

College of Law

CIP	Program	Degree(s) Offered		
22.0101	Law			P
22.0207	Environmental and Land Use Law	M		
22.0210	International Taxation	M		
22.0211	Comparative Law	M		
22.0211	Tax Law/Taxation	M	D	

College of Liberal Arts and Sciences

CIP	Program	Degree(s) Offered		
05.0102	American Studies (USA)	B		
05.0103	Asian Studies	B		
05.0107	Latin American Studies		M	
05.0205	Jewish Studies	B		
05.0207	Women's Studies	B	M	
11.0101	Computer & Information Science	B	M	
16.0102	Linguistics	B	M	D
16.0399	East Asian Language/ Literature	B		
16.0402	Russian	B		
16.0501	German	B	M	D
16.0901	French	B	M	
16.0904	Portuguese	B		
16.0905	Spanish	B	M	
16.0999	Romance Languages			D
16.1200	Classics & Classical Languages	B	M	D
16.1203	Latin		M	

College of Liberal Arts and Sciences Continued

23.0101	English, General	B	M	D
23.1302*	Creative Writing		M	
26.0101	Biology	B		
26.0301	Botany, General	B	M	D
26.0503	Microbiology/ Bacteriology	B		
26.0701	Zoology	B	M	D
26.0801	Genetics and Genomics			D
27.0101	Mathematics, Gen- eral	B	M	D
27.0501	Statistics	B	M	D
30.9999	Independent/ Interdisciplinary Studies	B		
38.0101	Philosophy	B	M	D
38.0201	Religious Studies	B	M	D
40.0201	Astronomy	B	M	D
40.0501	Chemistry	B	M	D
40.0601	Geology	B	M	D
40.0801	Physics	B	M	D
42.0101	Psychology, General	B	M	D
42.2803*	Counseling Psychology			D
45.0201	Anthropology	B	M	D
45.0401	Criminal Justice Studies	B	M	D
45.0601	Economics	B		
45.0701	Geography	B	M	D
45.0901	International Relations		M	
45.1001	Political Science & Government	B	M	D
45.1101	Sociology	B	M	D
54.0101	History	B	M	D

College of Medicine

CIP	Program	Degree(s) Offered		
26.0210*	Biochemistry	M	D	
26.0801	Genetics and Genomics		D	
26.1309	Epidemiology	M	D	
26.9999	Medical Sciences	M	D	
51.0912	Physician Assistant	M		
51.1201	Medicine			P

College of Nursing

CIP	Program	Degree(s) Offered		
51.3801*	Nursing	B	M	
51.3808*	Nursing Science			D
51.3818*	Nursing Practice			p

College of Pharmacy

51.2001	Pharmacy			P
51.2099	Pharmaceutical Science	M	D	

College of Public Health and Health Professions

CIP	Program	Degree(s) Offered		
26.1102	Biostatistics		M	D
26.1309	Epidemiology		M	D
42.0101	Psychology, General		M	D
51.0000	Health Science	B		
51.0202	Audiology			P
51.0204	Communication Sciences and Disorders	B	M	D
51.0701	Health Services Admin		M	D
51.2201	Public Health		M	
51.2306	Occupational Therapy		M	
51.2308	Physical Therapy			P
51.2310	Vocational Rehab Counseling		M	
51.2314*	Rehabilitation Science			D

College of Veterinary Medicine

51.2401	Veterinary Medicine			P
51.2501	Veterinary Medical Sciences	M	D	

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 2017-2018.

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 2012-13 Work Plan.

Table 4: Statutorily Required Five-Year Enrollment Plan

	Funded 2012-13	Estimated Actual 2012-13	Funded 2013-14	1 st Year Estimated 2013-14	2 nd Year Planned 2014-15	3 rd Year Planned 2015-16	4 th Year Planned 2016-17	5 th Year Planned 2017-18	5-Year Projected Average Annual Growth Rate
Florida Resident									
LOWER	10,182	9,705	10,182	10,182	10,412	10,642	10,872	11,102	2.7%
UPPER	13,431	13,060	13,431	13,431	13,431	13,661	13,891	14,121	1.6%
GRAD I	2,423	2,132	2,423	2,423	2,423	2,423	2,423	2,423	2.6%
GRAD II	3,686	3,700	3,686	3,686	3,686	3,686	3,686	3,686	-0.1%
TOTAL	29,722	28,597	29,722	29,722	29,952	30,412	30,872	31,332	1.8%
Non- Resident									
LOWER		382		422	436	441	441	443	3.0%
UPPER		423		503	558	587	587	600	7.2%
GRAD I		1,414		1,470	1,488	1,495	1,495	1,499	1.2%
GRAD II		1,834		1,852	1,853	1,852	1,852	1,849	0.2%
TOTAL	4,049	4,053	4,049	4,247	4,335	4,375	4,375	4,391	1.6%
TOTAL									
LOWER	10,182	10,087	10,182	10,604	10,848	11,083	11,313	11,545	2.7%
UPPER	13,431	13,483	13,431	13,934	13,989	14,248	14,478	14,721	1.8%
GRAD I	2,423	3,546	2,423	3,893	3,911	3,918	3,918	3,922	2.0%
GRAD II	3,686	5,534	3,686	5,538	5,539	5,538	5,538	5,535	0.0%
TOTAL	33,771	32,650	33,771	33,969	34,287	34,787	35,247	35,723	1.8%
TOTAL (US FTE)									

Medical Student Headcounts *(FTE does not apply)*

Medical Doctorate									
FLORIDA RESIDENT	513	527	513	513	513	513	513	513	-0.5%
NON-RESIDENT		2		27	27	27	27	27	68.3%
TOTAL	513	529	513	540	540	540	540	540	0.4%
Dentistry									
FLORIDA RESIDENT	321	318	321	321	321	321	321	321	0.2%
NON-RESIDENT		9		10	10	10	10	10	2.1%
TOTAL	321	327	321	331	331	331	331	331	0.2%
Veterinary									
FLORIDA RESIDENT	332	355	332	344	344	344	344	344	-0.6%
NON-RESIDENT		0		0	0	0	0	0	0.0%
TOTAL	332	355	332	344	344	344	344	344	-0.6%

Pharmacy (not headcount funded, fundable FTE included above)									
FLORIDA RESIDENT	1,140	1,152	1,140	1,140	1,140	1,140	1,140	1,140	-0.2%
NON-RESIDENT		11		13	13	13	13	13	3.4%
TOTAL	1,140	1,163	1,140	1,153	1,153	1,153	1,153	1,153	-0.2%

University of Florida
Educational Plant Survey

Pages 27 - 60 (Building Inventory) removed. Information available upon request.

IX - Quantitative (Formula) Space Needs

The basic method used to determine the facilities required by a university to accommodate educational programs, student enrollments, personnel, and services is the fixed capital outlay space needs generation formula. The space needs formula (Formula) provides for three general classifications of space: instructional, academic support, and institutional support. Within these three classifications ten categories of space are included: classroom, teaching laboratory, research laboratory, study, instructional media, auditorium and exhibition, gymnasium, student academic support, office and administrative data processing, and campus support services. Although each of the ten categories of space is treated individually in the Formula, only three basic methods are used for generating space: space factors for scheduled space, allotments for nonscheduled space, and space provided as a percentage of other space. While the FTE enrollment projection (by site) acts as primary generator, the formula recognizes variations in space requirements derived from discipline groupings, 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 ten categories of space, based on an individual universities make of students, programs, faculty and staff. A detailed explanation of the Formula is in Appendix B.

Table 7 reports the results of applying the formula generated space factors 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
Instructional				
	Classroom	366,692	363,150	3,543
	Teaching Laboratory	562,406	390,730	171,677
	Research Laboratory	1,914,945	1,169,814	745,566
Academic Support				
	Study	960,383	433,924	526,459
	Instructional Media	26,556	12,052	14,504
	Auditorium/Exhibition	109,134	75,616	33,518
	Teaching Gymnasium	145,876	69,328	76,548
Instructional Support				
	Student Academic Support		Included in Study	
	Office/Computer	1,965,874	1,612,289	357,330
	Campus Support Services	267,743	194,043	76,284
	Total	6,319,609	4,320,944	2,005,427

ANALYSIS OF SPACE NEEDS BY CATEGORY - FORM B

University of Florida
Main CampusNet Assignable Square Feet Eligible for Fixed Capital Outlay Budgeting
Prepared 10-Apr-14

TOTAL FTE= 36,378

On-Line FTE= 7,276

Total Less On Line FTE= 29,103

		Class- room	Teaching Lab	*Study	Research Lab	Office	Audi/ Exhib.	Instruct. Media	***Student Academic Support	Gym	Campus Support Services	Total NASF
Space Needs by Space Type*: 2018-2019		366,692	562,406	960,383	1,914,945	1,965,874	109,134	26,556	0	145,876	267,743	6,319,609
1) Current Inventory as of: June-13												
A)	*Satisfactory Space	328,618	380,644	422,314	1,067,870	1,504,954	75,616	12,052	0	69,328	189,890	4,051,284
B)	Unsatisfactory Space to be Remodeled	20228	10086	5841	50263	88053	0	0	0	0	1570	176,041
C)	Unsatisfactory Space to be Demolished/Terminated	0	0	0	435	3,744	0	0	0	0	2,583	6,762
D)	Total Under Construction	14,304	0	5,769	51,246	15,538	0	0	0	0	0	86,857
	Heavener Hall - 0065	9,989		5,769		8,743						24,501
	Chemistry Chemical Biology Building	4,315			51,246	6,795						62,356
												0
												0
TOTAL CURRENT INVENTORY:		363,150	390,730	433,924	1,169,814	1,612,289	75,616	12,052	0	69,328	194,043	4,320,944
2) Projects Funded for Construction thru: June-13												
												0
												0
												0
												0
												0
Total Funded Construction:		0	0	0	0	0	0	0	0	0	0	0
Plus: Total Planned Demolition		0	0	0	435	3,744	0	0	0	0	2,583	6,762
Net Space Needs		3,543	171,677	526,459	745,566	357,330	33,518	14,504	0	76,548	76,284	2,005,427
Percent of: Current Inventory and Funded Projects Minus Demolition Space Needs		99%	69%	45%	61%	82%	69%	45%	0%	48%	72%	68%

(**Online FTE excluded from Classroom needs.)

		Class- room	Teaching Lab	Study	Research Lab	Office	Aud/ Exhibition	Instruct. Media	Student Academic Support	Gym	Campus Support Services	Total NASF
Space Needs by Space Type	2018-2019	366,692	562,406	960,383	1,914,945	1,965,874	109,134	26,556	0	145,876	267,743	6,319,609
Net Space Needs from Form B		3,543	171,677	526,459	745,566	357,330	33,518	14,504	0	76,548	76,284	2,005,427
Percent of Space Needs		99.03%	69.47%	45.18%	61.07%	81.82%	69.29%	45.38%	0.00%	47.53%	71.51%	68.27%

3) CIP Projects

Proj. 1)	Nuclear Science Building Renovation	0	14,500	1,000	21,400	9,500	0	0	0	0	600	47,000
	Sub Total Net Space Need	3,543	157,177	525,459	724,166	347,830	33,518	14,504	0	76,548	75,684	1,958,427
	Sub Total Percent	99.03%	72.05%	45.29%	62.18%	82.31%	69.29%	45.38%	0.00%	47.53%	71.73%	69.01%
Proj. 2)	Norman Hall Remodeling & Conference Addition	0	0	0	0	0	0	200	0	0	0	200
	Sub Total Net Space Need	3,543	157,177	525,459	724,166	347,830	33,518	14,304	0	76,548	75,684	1,958,227
	Sub Total Percent	99.03%	72.05%	45.29%	62.18%	82.31%	69.29%	46.14%	0.00%	47.53%	71.73%	69.01%
Proj. 3)	Dental Science Building & Renovations	0	0	0	0	0	0	0	0	0	0	0
	Sub Total Net Space Need	3,543	157,177	525,459	724,166	347,830	33,518	14,304	0	76,548	75,684	1,958,227
	Sub Total Percent	99.03%	72.05%	45.29%	62.18%	82.31%	69.29%	46.14%	0.00%	47.53%	71.73%	69.01%
Proj. 4)	McCarty Hall - A,B,D Renovations	0	0	0	0	0	0	0	0	0	0	0
	Sub Total Net Space Need	3,543	157,177	525,459	724,166	347,830	33,518	14,304	0	76,548	75,684	1,958,227
	Sub Total Percent	99.03%	72.05%	45.29%	62.18%	82.31%	69.29%	45.38%	0.00%	47.53%	71.73%	69.01%
Proj. 5)	Mechanical Aeronautical Engineering Building	0	13,500	0	32,000	16,500	7,240	0	0	0	3,000	72,240
	Sub Total Net Space Need	3,543	143,677	525,459	692,166	331,330	26,278	14,304	0	76,548	72,684	1,885,987
	Sub Total Percent	99.03%	74.45%	45.29%	63.85%	83.15%	75.92%	45.38%	0.00%	47.53%	72.85%	70.15%
Proj. 6)	Public Safety Building	0	0	0	0	17,200	0	0	0	0	8,825	26,025
	Sub Total Net Space Need	3,543	143,677	525,459	692,166	314,130	26,278	14,304	0	76,548	63,859	1,859,962
	Sub Total Percent	99.03%	74.45%	45.29%	63.85%	84.02%	75.92%	45.38%	0.00%	47.53%	76.15%	70.57%
Proj. 7)	IFAS Natural Resources Building	2,000	2,200	4,200	28,620	17,500	1,000	0	0	0	2,900	58,420
	Sub Total Net Space Need	1,543	141,477	521,259	663,546	296,630	25,278	14,304	0	76,548	60,959	1,801,542
	Sub Total Percent	99.58%	74.84%	45.72%	65.35%	84.91%	76.84%	45.38%	0.00%	47.53%	77.23%	71.49%
Proj. 8)	Psychology Building Remodeling & Addition	0	1,800	540	30,000	3,500	0	0	0	0	750	36,590
	Sub Total Net Space Need	1,543	139,677	520,719	633,546	293,130	25,278	14,304	0	76,548	60,209	1,764,952
	Sub Total Percent	99.58%	75.16%	45.78%	66.92%	85.09%	76.84%	45.38%	0.00%	47.53%	77.51%	72.07%
Proj. 9)	Rolfs Hall Renovation/Restoration	0	0	0	0	0	0	0	0	0	0	0
	Sub Total Net Space Need	1,543	139,677	520,719	633,546	293,130	25,278	14,304	0	76,548	60,209	1,764,952
	Sub Total Percent	99.58%	75.16%	45.78%	66.92%	85.09%	76.84%	45.38%	0.00%	47.53%	77.51%	72.07%
Proj. 10)	Weil Hall Remodeling, Phase II	0	0	0	0	0	0	0	0	0	0	0
	Sub Total Net Space Need	1,543	139,677	520,719	633,546	293,130	25,278	14,304	0	76,548	60,209	1,764,952
	Sub Total Percent	99.58%	75.16%	45.78%	66.92%	85.09%	76.84%	45.38%	0.00%	47.53%	77.51%	72.07%
Proj. 11)	Environmental Health & Sciences Building	0	0	0	30,000	22,000	0	0	0	0	1,200	53,200
	Sub Total Net Space Need	1,543	139,677	520,719	603,546	271,130	25,278	14,304	0	76,548	59,009	1,711,752
	Sub Total Percent	99.58%	75.16%	45.78%	68.48%	86.21%	76.84%	45.38%	0.00%	47.53%	77.96%	72.91%
Proj. 12)	Music Building Renovation	0	0	0	0	0	0	0	0	0	0	0
	Sub Total Net Space Need	1,543	139,677	520,719	603,546	271,130	25,278	14,304	0	76,548	59,009	1,711,752
	Sub Total Percent	99.58%	75.16%	45.78%	68.48%	86.21%	76.84%	45.38%	0.00%	47.53%	77.96%	72.91%
Proj. 13)	CLAS Life Sciences	0	12,900	4,000	25,000	10,000	0	0	0	0	950	52,850
	Sub Total Net Space Need	1,543	126,777	516,719	578,546	261,130	25,278	14,304	0	76,548	58,059	1,658,902
	Sub Total Percent	99.58%	77.46%	46.20%	69.79%	86.72%	76.84%	45.38%	0.00%	47.53%	78.32%	73.75%
Total Net Space Needs		1,543	126,777	516,719	578,546	261,130	25,278	14,304	0	76,548	58,059	1,658,902
Total Percent of Net Space Needs		99.58%	77.46%	46.20%	69.79%	86.72%	76.84%	45.38%	0.00%	47.53%	78.32%	73.75%

* Satisfactory Space calculated using the 2013 UF Space File Submission. Adjustments made in each category to account for the total amount of sq ft of the Health Science Center Space in the following disciplines: Veterinary Medicine, Medi
Additional adjustments made in each category to account for half the total amount of sq ft of the Health Science Center Space in the following disciplines: Office of Health Affairs & Graduate Research
All applicable data provided by UF and can be located in the UF_HSC_By_Cat document

*** Due to the elimination of the Student Academic Support Space factor, Student Academic Support Space has been added to the Study Category.

State University System
Board of Governors

Prepared 04-Apr-14

	PROJECTED FTE 2018-2019			Year	Current Inventory as of:	Current Funded for Construction
	Total	On-Line	Main			
UF	36,378	7,276	29,103	2018-2019	June-13	June-13

FTE Assumptions (Main Campus)

	13-14	14-15	15-16	16-17	17-18	18-19
Lower Division	10,604	10,848	11,083	11,313	11,545	11,857
Upper Division	13,934	13,989	14,248	14,478	14,721	14,986
Grad I	3,893	3,911	3,918	3,918	3,922	4,000
Grad II	5,538	5,539	5,538	5,538	5,535	5,535
TOTAL MAIN FTE ¹	33,969	34,287	34,787	35,247	35,723	36,378
Avg Annual Growth Rate ²		1.8%	1.8%	1.8%	1.8%	1.8%
					TOTAL FTE	36,378
					DISTANCE FTE	
					20% of total ³	7,276

NOTES

¹ 2012-13 Estimated FTE taken from 2012-2013 Accountability Report, pg 16

² Five Year projected average annual growth rate taken from 2013-14 University Work Plan, pg 18

Main Campus only unless otherwise noted

Medical Headcounts excluded (if applicable)

Factors acknowledge the need for increased space by basic space category per FTE.

They are "Space Intensity Factors" which are based on the academic program requirements of each university by space type.

University	Space Type									
	Class-room	Teaching Lab	Study	Research Lab	Office	Aud/Exhibition	Instruct. Media	Student Academic Support	Gym	Campus Support Services
UF***	12.60	15.46	26.40	52.64	54.04	3.00	0.73	0.00	4.01	7.36
FSU	11.60	15.40	21.07	29.99	36.77	3.00	0.79	0.60	4.26	5.45
FAMU	11.62	14.36	18.37	25.70	36.60	3.01	1.46	0.60	7.22	5.37
USF	11.66	14.02	17.37	31.99	39.63	3.00	0.79	0.60	4.26	5.59
UCF	11.70	14.41	15.95	22.59	24.15	3.00	0.77	0.60	4.17	4.42
UWF	11.78	12.68	23.86	14.45	29.91	4.21	1.85	0.60	8.89	4.54
FAU	11.78	16.35	21.39	22.65	29.67	3.00	1.04	0.60	5.37	4.85
FIU	11.91	14.98	17.54	20.18	26.70	3.00	0.83	0.60	4.42	4.48
UNF	11.97	13.77	19.47	14.25	26.38	3.00	1.29	0.60	6.45	4.22
FGCU	12.02	9.79	19.47	29.94	28.14	4.98	2.09	0.60	9.97	5.20
NEWC**	10.49	14.12	9.40	10.17	63.14	39.75	15.90	0.60	79.49	11.16

*Factors as provided to University Facilities Planners by Chris Kinsley on October 20, 2010

**SUS Teaching Lab average factor inserted to eliminate 0, per Chris Kinsley November 25, 2013

*** Classroom Factor increased based upon general classroom factor average located in space formula workbook of 12. .6 added to accommodate for the elimination of the Student Academic Support category, yielding a total of 12.6, per Chris Kinsley 02 April 14.

X - Recommendations of Survey Team

Survey Team Members:

Jose (Joe) Castrillo, Team Leader (UCF), Kenneth Ogletree (BOG), Teira E. Farley (BOG), Kristen Connors (BOG), Christy Collier (UCF), Patricia Pasden (FGCU), Tamera Baughman (FGCU), Elizabeth Jones (UNF) and Mary Mory (UNF)

Site Improvements Recommendations:

1.1 Land Acquisition This is a general recommendation that allows the university to purchase properties in the adopted Campus Master Plan. No land acquisition projects were presented during this Educational Plant Survey cycle.

1.2 Landscaping and Site Improvements This is a general recommendation for landscaping and site improvements consistent with the adopted Campus Master Plan. No major landscaping and site improvements were presented during this Educational Plant Survey cycle.

Remodeling/Renovation Recommendations:

- 2.1 Nuclear Science Building Renovation
- 2.2 Norman Hall Remodeling
- 2.3 Dental Science Building Renovation
- 2.4 McCarty Hall Remodeling/Renovation — Building A (#0495)
- 2.5 McCarty Hall Remodeling/Renovation — Building B (#0496)
- 2.6 McCarty Hall Remodeling/Renovation — Building D (#0498)
- 2.7 Public Safety Building Renovation (#027)
- 2.8 Public Safety Building Renovation (#132)
- 2.9 Psychology Building Remodeling
- 2.10 Rolfs Hall Renovation
- 2.11 Weil Hall Remodeling, Phase II
- 2.12 Music Building Renovation

New Construction Recommendations:

- 3.1 Nuclear Science Building Addition (47,000 GSF)
- 3.2 Norman Hall Conference Addition (200 GSF)
- 3.3 Mechanical Aeronautical Engineering Building (114,000 GSF)
- 3.4 *Safety Building (26,025 GSF)
- 3.5 IFAS Natural Resources Building (58,420 GSF)

3.6 Psychology Building Addition (36,590 GSF)

3.7 Environmental Health & Sciences Building (53,200 GSF)

3.8 College of Liberal Arts & Sciences (CLAS) Life Sciences Building (52,850 GSF)

IFAS Research and Special Purpose Center Recommendations:

4.1 Development of IFAS Farm Operations (Indian River REC)

4.2 IFAS Tropical Research and Education Center (Homestead)

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 on the Form B. (Please identify existing square footage for projects listed below in submission of final report.)

5.1 Mechanical Engineering Lab Building (#183) .This recommendation is in conjunction with the aforementioned new construction of the Mechanical Aeronautical Engineering Building (3.3).

Projects Based on Exception Procedure:

6.1 Medical Science Building/Basic Science Building Remodeling/Renovation (Medical/HSC)

6.2 Whitney Center for Marine Animal Health (St. Augustine)

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 ten (10) 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.

E. Sufficient information for recommendations associated with UF Online was not provided during the UF Validation & Needs Assessment. A supplemental survey can be requested when information becomes available.

Appendices

University of Florida
Educational Plant Survey

**Pages 70 - 81 (Building System Condition Survey Forms)
removed. Information available upon request.**



J. Bernard Machen
President

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September 16, 2014

Mr. Chris Kinsley
Director, Finance and Facilities
Florida Board of Governors
State University System
325 West Gaines Street, Suite 1614
Tallahassee, Florida 32399

Re: University of Florida Education Plant Survey

Dear Mr. Kinsley:

The University of Florida Educational Plant Survey was conducted April 7 – 11, 2014. This letter reports the University's understanding of the recommendations of the Survey Team for the five year period ending June 30, 2019. The Board of Trustees reviewed the recommendations of the survey team and approved them as submitted on June 5 -6, 2014. The University Board of Trustees will review and approve the Educational Plant Survey Book at the December 2014 meeting. Upon approval, the University will submit the approved book to the Board of Governors for final approval.

RECOMMENDATIONS OF SURVEY TEAM

UNIVERSITY OF FLORIDA

Validation & Needs Assessment Dates: April 7-11, 2014

Conference Call Date: May 29, 2014

Revised (*Revisions Underlined*): July 25, 2014

Survey Team Members: José (Joe) Castrillo, Team Leader (UCF), Kenneth Ogletree (BOG), Teira E. Farley (BOG), Kristen Connors (BOG), Christy Collier (UCF), Patricia Pasden (FGCU), Tamera Baughman (FGCU), Elizabeth Jones (UNF) and Mary Mory (UNF)

Site Improvements Recommendations:

- 1.1 Land Acquisition – This is a general recommendation that allows the university to purchase properties in the adopted Campus Master Plan. *No land acquisition projects were presented during this Educational Plant Survey cycle.*
- 1.2 Landscaping and Site Improvements – This is a general recommendation for landscaping and site improvements consistent with the adopted Campus Master Plan. *No major landscaping and site improvements were presented during this Educational Plant Survey cycle.*

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.

(Please identify existing square footage for ALL projects listed below in submission of final report.)

- 2.1 Nuclear Science Building Renovation
- 2.2 Norman Hall Remodeling
- 2.3 Dental Science Building Renovation
- 2.4 McCarty Hall Remodeling/Renovation – Building A (#0495)
- 2.5 McCarty Hall Remodeling/Renovation – Building B (#0496)
- 2.6 McCarty Hall Remodeling/Renovation – Building D (#0498)
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- 2.8 Public Safety Building Renovation (#132)
- 2.9 Psychology Building Remodeling
- 2.10 Rolfs Hall Renovation
- 2.11 Weil Hall Remodeling, Phase II
- 2.12 Music Building Renovation

New Construction Recommendations:

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

- 3.1 Nuclear Science Building Addition (47,000 GSF)
- 3.2 Norman Hall Conference Addition (200 GSF)
- 3.3 Mechanical Aeronautical Engineering Building (114,000 GSF)
- 3.4 *Public Safety Building (26,025 GSF)
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- 3.6 Psychology Building Addition (36,590 GSF)
- 3.7 Environmental Health & Sciences Building (53,200 GSF)

3.8 College of Liberal Arts & Sciences (CLAS) Life Sciences Building (52,850 GSF)

*Based upon the presented information, it is the recommendation of the Survey Team that the University move the Public Safety Building to a higher priority. We understand the final decision is left to the discretion of the University Board of Trustees.

IFAS Research and Special Purpose Center Recommendations:

4.1 Development of IFAS Farm Operations (Indian River REC)

4.2 IFAS Tropical Research and Education Center (Homestead)

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 on the Form B. *(Please identify existing square footage for projects listed below in submission of final report.)*

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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 ten (10) 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.
- E. Sufficient information for recommendations associated with UF Online was not provided during the UF Validation & Needs Assessment. A supplemental survey can be requested when information becomes available.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Bernard Machen", written over a horizontal line.

J. Bernard Machen

cc: Curtis A. Reynolds, Vice President for Business Affairs
Carol Walker, Assistant Vice President, Planning, Design and Construction

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 Florida
2. Date of previous five-year survey: May 2009
3. Date of this survey: April 4—11, 2014
4. New survey out year: 2019-2020
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 ten 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 Florida Gulf Coast University was approved by the University

Board of Trustees on _____
Date

University President

Chair, Board of Trustees

Date

Date

University of Florida
Educational Plant Survey

Pages 89 - 119 (Section E) removed. Information available upon request.