

Academic Facilities Supporting Data

The purpose of the Academic Facilities Element is to ensure provision of academic facilities to meet University needs during the planning period.

1. Inventory and Analysis of Existing Conditions

1.a. Projections of Future Enrollment

Table 5.1 shows the existing and projected student enrollment figures for FAU. This information is repeated here for reference and is taken from this document, Element 2.

TABLE 5.1 Projections of Future Enrollment for all FAU Campuses

	Fall 2003 (1.83 Ratio FTE to HC)	Projected 2008-09 (1.83 Ratio FTE to HC)	Projected 2015-2015
Total FTE	13,830	16,098	18,307
Total Headcount	25,309	29,460	33,502

Source: FAU Planned Enrollment Growth Matrix (June 2004) 7/9/2004

1.b. Inventory of Existing Academic Building Spaces

Table 5.2 shows, in summary form, the total campus inventory as of April 2001 of academic building spaces for the four listed space types. Academic space includes classroom, teaching laboratory, research laboratory, and library spaces. Net assignable square feet are included for each space type. For a listing of the gross square footage in each building, refer to Appendix A.

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TABLE 5.2 Inventory of Existing Academic Building Spaces (2005-2006)

Davie Campus	Net Assignable Square Feet
Classroom	30,155
Teaching Labs	27,018
Research Labs	7,653
Study	2,895
Office	30,880
Auditorium/Exhibition	2,933
Instructional Media	61
Gym	0
Student Academic Support	0
Campus Support Services	2,218
Total	103,813

Source: Analysis of Space Needs by Category – Form B 11-2003

Note: This inventory includes leased, satisfactory and unsatisfactory, eligible and ineligible for fixed capital outlay by the space needs generation formula.

If a building contains more than one type of academic space, the building is designated with the space type that predominates. It should be noted that the primary function of an identified building may not be academic. Each building identified, however, does contain some academic space. The best indication of the primary function of each building is given in **Element 4**.

1.c. Existing Space Utilization

A complete listing of FAU's existing space utilization can be found in the Instructional Space Utilization Report November 2003 by campus, building, and room. See **Table 5.5** for a summary of information from that section as pertains to the Davie Campus.

1.d Space Use Standards

The following are the space use standards of the State University System for two of the space types listed above in 1.b. Space utilization standards are not used for Research Laboratory or Library space types.

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TABLE 5.3 Space Use Standards

	Hours Per Week	Occupancy
Classroom	40	63.79
Teaching Laboratory	21	59.69

Source: Fall 1996 Instruction Space Utilization Reports Memo, June 1999

1.e. Existing Total Credit Hours for Each Campus/Satellite Facility

The following chart illustrates the existing total credit hours for FAU at the Boca Raton and Davie Campuses.

TABLE 5.4 Existing Total Credit Hours Fall 2003

	Existing Credit Hours
Davie	89,789

Source: FAU Fall 1999 Departmental Productivity- Fundable Credit Hours

1.f. Existing Space Utilization for the Space Types listed in (1.b.) Above

The following chart, **Table 5.5**, shows the existing space utilization for the two space types listed in 1.d. above. A more complete listing of FAU's existing space utilization can be found in the Instructional Space Utilization Report. by campus, building, and room. The chart below summarizes the information from that section as pertains to the Davie Campus.

TABLE 5.5 Existing Space Utilization

	Rooms	Room Utilization	Station Util/Std	Station Util/Actual
Davie-Classroom	37	71.1486	69.8975	54.3121
Davie-Teach Lab	20	57.9545	35.7354	37.1215

Source: Instructional Space Utilization Report by Campus, Building, and Room, per A. Dashtaki 7/20/2004.

2. FAU Room Use, Office of Utilization and Analysis 7/14/04. Future Needs/Requirements

2.a. Projections of Future Student Credit Hours Distributed by Campus

This information is not available.

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2.b. Projections of Future Weekly Student Contact Hours (WSCH) Distributed by Campus

This information is not available.

2.c. Projections of Future Space Utilizations

Space needs at FAU are determined by formulas based on campus FTEs. These formulas are discussed in the Appendix of the Educational Plant Survey for Florida Atlantic University, April 2001.

2.d Future Net Academic Space Needs

Following are projections of the future net academic space needs for the space types identified in 1.b. above. Current inventory figures refer to those documented in the Analysis of Space Needs by Category – Form B, September 2003.

The methodology used to determine these needs is detailed in the Educational Plant Survey, FAU, April 2001 and the Fixed Capital Outlay Budgeting Form B. **Table 5.7** shows projections for the Davie campus. The modular classrooms are unsatisfactory space and have been removed from the inventory for these calculations.

TABLE 5.7 Future Net Academic Space Needs for Davie (2014-2015)

	Classrooms	Teach Labs	Research Labs	Study
Space Needs	37,398	41,686	5,771	28,532
Less Current Inventory	30,155	27,018	7,653	2,895
Net Space Needs	7,243	14,668	(2,495)	25,637

Source: Office of Space Utilization and Analysis September 2004.

2.e.f. Projection of Future Academic Gross Building Area Needs by Building Increment

Table 5.8 illustrates the projections of future academic net and gross building area needs by building increment. The charts also show a recommendation as to whether future new space needs are best accomplished through renovations ® or additions (A) to existing facilities. This information is expanded upon in the Education Plant Survey, FAU, April

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2001. (See the Goals, Objectives, and Policies volume, Element 14 for the latest facility project requests.) Refer to **Figure 5.2** for future locations.

TABLE 5.8 Future Academic Building Area Needs – Davie

Project	Priority	Renovation/ Additions/ New	Net Assignable Square Feet (NASF)	Gross Square Feet (GSF)
FAU/UF Joint-use Facility	5	new	110,000	165,000
Davie III – College of Business	12	new	50,000	74,695
USGS Joint-use Facility	13	new	31,250	50,000

Source: FAU CIP 10 Year Schedule (7/22/04).