
SUPPORTING DATA

5 Academic Facilities

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 the new FAU Treasure Coast Campus. This information is repeated here for reference and is taken from this document, **Element 2**.

Table 5.1 of Future Enrollment for the Treasure Coast Campus

	Actual 1996-97	Projected 1999-2000	Projected 2003-2004	Projected 2008-2009
Total Branch FTE	230	218	315	421

Source: Element 2
Branch FTE x 1.963 = 1 Headcount

1.b. Inventory of Existing Academic Building Spaces

Table 5.2 shows, in summary form, the total inventory (as of February 1997) of academic spaces for the four listed space types. Academic space includes classroom, teaching laboratory, research laboratory, and library/media spaces. Net assignable square feet are included for each space type. Note that existing facilities are in a combination of owned space on site and leased space off site.

Table 5.2 Inventory of Existing Academic Spaces

Academic Space Type	On Site	Off Site
Classroom and Laboratory	4,397	2,995
Library	0	-
Total Academic NASF	4,397	2,995

Source: FAU Administration

Note: This inventory includes all space owned and leased, satisfactory and unsatisfactory, eligible and ineligible for fixed capital outlay space needs generation formula. All existing space will be abandoned when the new campus opens.

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1.c. Existing Space Utilization

Not applicable.

1.d. Space Use Standards

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.

Table 5.3 Space Use Standards

	Hours Per Week	Occupancy
Classroom	58.5	60%
Teaching Laboratory	20	80%

Source: Fall 1992 Instructional Space Utilization Reports Memo, July 1993

1.e. Existing Total Credit Hours

The existing total credit hours for FAU at the Treasure Coast Campus is 3294.

The following **Table 5.4** summarizes credit hours by college with tallies for undergraduate and graduate levels.

Table 5.4 Credit Hours by College (Fall 1998)

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Campus	College	Degree	Enrollment
Treasure Coast	Arts & Humanities	Undergraduate	234
		Graduate	----
		Total	234
	Business	Undergraduate	303
		Graduate	30
		Total	333
	Education	Undergraduate	1998
		Graduate	405
		Total	2403
	Engineering	Undergraduate	----
		Graduate	----
		Total	----
	Nursing	Undergraduate	135
		Graduate	84
		Total	219
	Science	Undergraduate	15
		Graduate	----
		Total	15
	Urban & Public Affairs	Undergraduate	90
		Graduate	----
		Total	90
Grand Total			3294

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1.f. Existing Space Utilization for the Space Types listed in (1.b.) Above
Not Available

2. Future Needs/Requirements

2.a. Projections of Future Student Credit Hours
Table 5.5 shows the projections of future student credit hours.

Table 5.5 Future Student Credit Hours

	1999 - 2000	2003 - 2004	2008-2009
Lower Division	----	----	----
Upper Division	11,080	14,080	16,280
Graduate	3,104	3,936	4,544
Total	14,184	18,016	20,824

Source: FAU Administration

2.b. Projections of Future Weekly Student Contact Hours (WSCH)
This information is not available since FAU does not compile this statistic.

2.c. Projections of Future Space Utilizations
Space needs at FAU are determined by formulas based on campus FTEs. These formulas are discussed in Section IV of the Educational Plant Survey for Florida Atlantic University. For the current five-year period, needs are determined by these formulas, and not by current utilizations.

2.d. Future Net Academic Space Needs
Following are projections of the future (1999-2009) net academic space needs for the space types identified in **1.b.** above. Current inventory figures refer to those documented in the Educational Plant Survey.

The methodology used to determine these needs is detailed in the Educational Plant Survey. **Table 5.6** shows projections for the Treasure Coast campus.

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Table 5.6 Future Net Academic Space Needs

Year	Classrooms	Laboratories	Library/Media
1999-00	(14,923)	(775)	(6,053)
2004-05	(13,682)	(6)	(4,520)
2009	(12,785)	550	(3,413)

() Represents a surplus of Academic Space. Refer to note below.

Source: FAU Facilities Planning, July 1997, FAU BOR Approved projections.

Note: Construction of 3 new facilities on the Treasure Coast Campus was completed during the mater plan process. The addition of the new facilities is reflected in the surplus of existing space.

2.e./f. Projection of Future Academic Net Building Area Needs by Building Increment. **Table 5.7** illustrates the projections of future academic net building area needs as currently identified for the proposed 10-year plan. FAU uses a multiplier of 1.43 to convert net assignable square feet (NASF) to gross square feet (GSF). Construction phases will be planned in increments of approximately 10,000 - 20,000 NSF. Projection of space needs are based on the SUS Generation Formula. Building development is illustrated in **Figure 5.1**.

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Table 5.7 Projection of Total Future Net Building Area

Year	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09
FTE	300	216	233	269	289	315	335	355	378	400	421
Space Type											
Class Room	3,525	(14,923)	(14,746)	(14,370)	(14,162)	(13,891)	(13,682)	(13,473)	(13,233)	(13,004)	(12,785)
Teaching Lab	4,365	(775)	(665)	(432)	(303)	(135)	(6)	123	272	414	550
Library	4,644	(6,053)	(5,834)	(6,370)	(5,113)	(4,778)	(4,520)	4,263	(3,966)	(3,683)	(3,413)
Research Lab	1,458	1,387	1,496	1,727	1,855	2,022	2,151	2,279	2,427	2,568	2,703
Office	4,942	(10,352)	(10,262)	(10,071)	(9,964)	(9,826)	(9,720)	(9,614)	(9,492)	(9,375)	(9,263)
Auditorium	800	648	699	807	867	945	1,005	1,065	1,134	1,200	1,263
Instruction Media	150	108	117	135	145	158	168	178	189	200	211
Student Support	180	(1,270)	(1,260)	(1,239)	(1,227)	(1,211)	(1,199)	(1,187)	(1,174)	(1,160)	(1,147)
Gym	0	0	0	0	0	0	0	0	0	0	0
Campus Support	1,258	(1,486)	(1,442)	(1,347)	(1,295)	(1,227)	(1,174)	(1,122)	(1,062)	(1,004)	(949)
Total NSF	26,422	(32,716)	(31,897)	(31,160)	(29,197)	(27,943)	(26,977)	(26,014)	(24,905)	(23,844)	(22,830)

() Represents a surplus of Academic Space. Refer to note below.

Source: FAU Administration

Note: Construction of 3 new facilities on the Treasure Coast Campus was completed during the mater plan process. The addition of the new facilities is reflected in the surplus of existing space.