



FAU Enrollment to Graduation: An Analysis

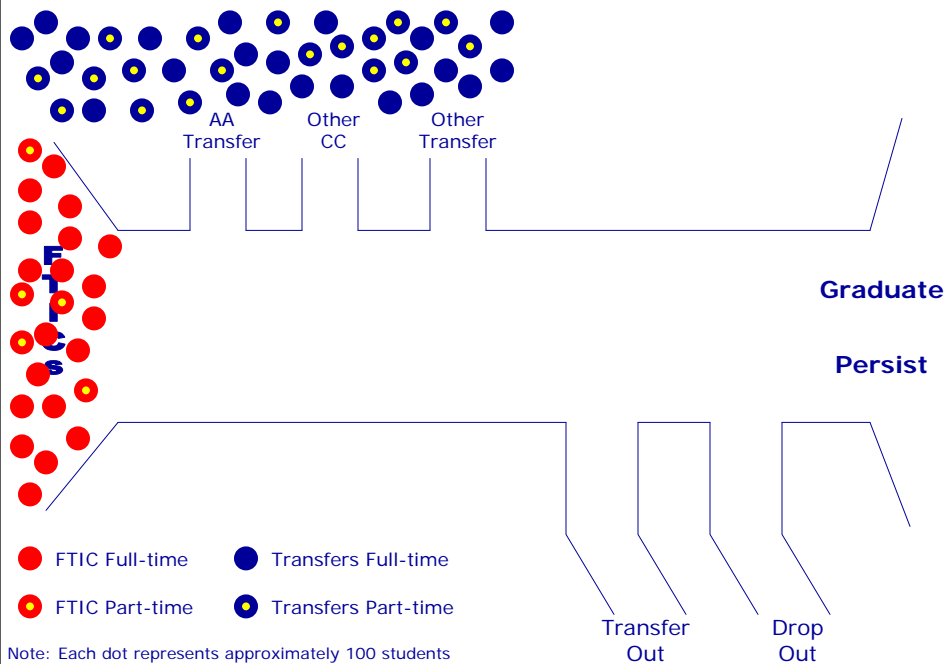
Presentation to the FAU Board of Trustees
Annual Retreat - September 17-18, 2007



FAU Enrollment to Graduation: An Analysis



The Pipeline



Order of Presentation

PART I
Baccalaureate Degree Production (2005-06)

PART II
Enrolled Students (Fall 2006)

PART III
Retention and Graduation Rates

PART I **Baccalaureate Degree Production (2005-06)**

- Examine composition of graduating class (FTIC, AA Transfers, Others)
- Examine degrees awarded within 110% credit hours specified
- Examine percentage of degrees awarded in critical needs areas
- Examine time to graduation of FTICs and AA transfers
- Examine degrees produced per state-funded FTE

Source: Florida Board of Governors Productivity Measures

PART I – Baccalaureate Degree Production

What is FAU's Degree Production Profile?

- **What is the relative proportion of degree production of FTICs to Transfers?**
- **How does FAU compare with its peers in graduating students within 110% of required credit hours?**
- **How does FAU meet the demand for graduates in areas of critical need?**
- **In the 05-06 class, how long did it take graduates to graduate?**
- **How does FAU compare to its SUS peers in number of degrees produced per state-funded FTE enrollment?**

Definitions/Student Classifications

- **FTIC (First-Time-in-College, also known as Native Student) - Student who starts as a first year freshman**
- **AA Transfer – Student who transfers to FAU after earning AA degree from community college**
- **Other Community College Transfer – Student who transfers to FAU from community college but with no AA degree**
- **Other Transfer – Student who transfers to FAU from any other institutions including the SUS**

Source: Florida Board of Governors Productivity Measures

**Degree Production by Student Type (FTIC, AA Transfer, Other)
2005-06**

	<u>UF</u>	<u>FSU</u>	<u>USE</u>	<u>FAU</u>	<u>UCF</u>	<u>FIU</u>	<u>SUS</u>
Total	8,255	6,938	6,129	4,217	8,057	5,080	45,015
FTIC	4,905	3,489	2,509	1,057	3,358	1,475	19,217
%	59.4	50.3	40.9	25.0	41.7	29.0	42.7
AA Transfer	1,711	1,259	1,766	1,183	3,284	1,437	12,368
%	20.7	18.1	28.8	28.1	40.8	28.5	27.5
Other	1,639	2,190	1,854	1,977	1,415	2,168	13,430
%	19.9	31.6	30.2	46.9	17.6	42.7	29.8

FAU Enrollment to Graduation: An Analysis



**Degree Production for FTICs
2005-06**

	<u>UF</u>	<u>FSU</u>	<u>USE</u>	<u>FAU</u>	<u>UCF</u>	<u>FIU</u>	<u>SUS</u>
Total	8,255	6,938	6,129	4,217	8,057	5,080	45,015
FTIC	4,905	3,489	2,509	1,057	3,358	1,475	19,217
%	59.4	50.3	40.9	25.0	41.7	29.0	42.7

• **Approximately 25% of the graduating class were FTICs.**

Note: 43% of enrolled students were FTICs.

FAU Enrollment to Graduation: An Analysis



**Degree Production for AA Transfers
2005-06**

	<u>UF</u>	<u>FSU</u>	<u>USF</u>	<u>FAU</u>	<u>UCF</u>	<u>FIU</u>	<u>SUS</u>
AA Transfer	1,711	1,259	1,766	1,183	3,284	1,437	12,368
%	20.7	18.1	28.8	28.1	40.8	28.5	27.5

• Approximately 28% of the graduating class were AA transfers.

Note: 24% of enrolled students were AA transfers.

**Degree Production for Other CC and 4-year Transfers
2005-06**

	<u>UF</u>	<u>FSU</u>	<u>USF</u>	<u>FAU</u>	<u>UCF</u>	<u>FIU</u>	<u>SUS</u>
Other	1,639	2,190	1,854	1,977	1,415	2,168	13,644
%	19.9	31.6	30.2	46.9	17.6	42.7	30.3

• Approximately 47 % of the graduating class were other transfers.

Note: 33% of enrolled students were other community college transfers (14%) or other college/university transfers (19%).

**Percentage of Degrees Awarded within
110% of Credit Hours Specified
2005-06**

UF	FSU	FAMU	USF	FAU	UWF	UCF	FIU	UNF	FGCU	NCF	SUS
60.1%	71.9%	47.7%	59.0%	77.7%	74.2%	79.6%	55.2%	71.4%	79.0%	67.6%	67.8%

• 77.7% of FAU's graduating class completed their degrees within 110% of required hours. The SUS average was 67.8%

Source: Florida Board of Governors Productivity Measures

**Percentage of Degrees Awarded in
Critical Needs/Emerging Technology Areas*
2005-06**

UF	FSU	FAMU	USF	FAU	UWF	UCF	FIU	UNF	FGCU	NCF	SUS
22.3%	15.9%	28.9%	23.2%	24.4%	22.2%	25.1%	25.9%	24.9%	15.4%	0	22.6%

*Education, Health Professions, Mechanical Science and Manufacturing, Natural Science and Technology, Computer Science and Technology, Electronic Media

• 24.4% of FAU degrees were in critical needs areas. The SUS average was 22.6%.

Source: Florida Board of Governors Productivity Measures

**Time to Graduation: First Time in College (FTIC)
2005-06 Baccalaureate Graduates**

Years to Degree	UF		FSU		USF		FAU		UCF		FIU		SUS	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
4 or less	3,114	63	2,204	63	1,293	52	465	44	1,809	54	626	42	10,569	55
5 or less	4,495	92	3,189	91	2,116	84	803	76	2,955	88	1,040	71	16,527	86
6 or less	4,753	97	3,389	97	2,399	96	930	88	3,258	97	1,277	87	18,256	95
8 or less	4,849	99	3,453	99	2,496	99	1,015	96	3,341	99	1,422	96	19,025	99
Average Years to Completion	4.2		4.2		4.4		4.6		4.3		4.4		4.3	

• The average time to graduation of FAU FTICs was 4.6 years as compared to the SUS average of 4.3 years.

Source: Florida Board of Governors Productivity Measures

**Time to Graduation: AA Transfer
2005-06 Baccalaureate Graduates**

Years to Degree	UF		FSU		USF		FAU		UCF		FIU		SUS	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
2 or less	739	43	601	48	691	39	402	34	1,461	44	478	33	5,071	41
4 or less	1,630	95	1,164	92	1,616	92	994	84	3,133	95	1,227	85	11,255	91
6 or less	1,693	99	1,210	96	1,739	98	1,124	95	3,246	99	1,364	95	11,997	97
Average Years to Completion	2.5		2.7		2.7		3.0		2.5		3.2		2.7	

• The average time to graduation of FAU AA transfers was 3.0 years as compared to the SUS average of 2.7 years.

Source: Florida Board of Governors Productivity Measures

**All Other Transfers
2005-06 Baccalaureate Graduates**

All Other Transfers comprise 46.9% of FAU graduates/30% SUS Graduates

- BOG does not compute time to degree for these students.
- Skews reporting toward institutions that enroll more full-time students on residential campuses.

Source: Florida Board of Governors Productivity Measures

**Degrees Produced per 1,000 State-Funded FTE Undergraduate Students
2005-06 Baccalaureate Graduates**

UF	FSU	FAMU	USF	FAU	UWF	UCF	FIU	UNF	FGCU	NCF	SUS
332	327	165	287	340	314	341	259	298	250	208	304

- FAU (340) and UCF (341) lead the SUS (average 304) in degrees produced per 1000 state-funded FTE.
- For each 1000 full-time equivalent students enrolled, UCF and FAU led the SUS in baccalaureate degrees produced.

Source: Florida Board of Governors Productivity Measures

PART I - Summary FAU Graduates 2005-06

- 75% of FAU baccalaureate graduates began as transfers as compared to an average of 50% for the SUS. At FAU, almost 50% are transfers without AA degrees. For the SUS, that number is 30%.
- Percent of students who complete degrees within 110% of required credit hours is among highest in SUS at 78%. SUS average is 68%.
- Almost 25% of FAU baccalaureate graduates are in areas of critical need, exceeding the SUS average of 23%.
- Average time to graduation of FTICs was 4.6 years and AA transfers was 3.0 years.
- In terms of productivity, FAU (at 340) and UCF (at 341) led the SUS in number of baccalaureate degrees produced per 1000 state-funded FTE enrollment.

PART II Enrolled Students (Fall 2006)

1. Four populations of students enrolled
 - FTIC
 - AA transfers
 - Other CC transfers
 - All other transfers

2. Part-time vs. full-time students
 - FTIC
 - AA transfers
 - Other CC transfers
 - All other transfers

PART II
Enrolled Students (Fall 2006) (con't)

3. Hours attempted/hours earned

- FTIC
- AA transfers
- Other CC transfers
- All other transfers

4. Projected time to graduation

- Overview
- FTIC
- AA transfers

Note: Cannot compute projection for approximately 1/3 of enrolled students.

PART II – Enrolled Students

What is FAU's Student Enrollment Profile?

- **What is the relative proportion of full-time to part-time enrollments? FTICs to Transfers?**

- **What is the relative proportion of average credit hours attempted vs. earned by FAU students?**

- **How do FAU students compare with students in other state institutions relative to successful completion of attempted credit hours?**

- **How do these ratios affect projected time to graduation?**

**Enrolled Students
Four Populations/Undergraduates**

	UF		FSU		USF		FAU		UCF		FIU		SUS	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
FTICs	27,275	79	23,235	75	17,489	52	8,594	43	22,976	58	16,996	57	140,753	62
AA Transfers	5,396	16	4,827	16	7,334	22	4,811	24	10,558	27	6,459	21	45,840	20
Other CC Transfers	564	2	933	3	2,271	7	2,732	14	4,136	10	2,537	8	16,478	7
All other Transfers	1,369	4	1,951	6	6,791	20	3,783	19	1,733	4	4,080	14	22,205	11
TOTAL	34,604		30,947		33,885		19,920		39,403		30,072		228,276	

**Enrolled Students
Four Populations/Undergraduates - Analysis**

- FAU has the lowest percentage (43%) of FTICs in the SUS (average 62%).

- FAU has the highest percentages of “Other CC Transfers” (14%) and “All Other Transfers” (19%) in the SUS (7% vs. 11%, respectively).

- FAU (24%) is second to UCF (27%) and UNF (27%) in percentage of AA Transfers. The SUS average is 20%.

Enrolled Students, Fall 2006
Part-time (Less than 12 hours) vs. Full-time (12 hours or more)
FTICs

Credits Attempted	UF		FSU		USF		FAU		UCF		FIU		SUS	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Part-time: 1 to 6	336	1	402	2	792	5	632	7	777	3	1,670	10	5,550	4
7 to 11	670	3	869	4	1,681	10	1,265	15	1,828	8	2,819	17	11,237	8
Full-time: 12 to 15	22,035	81	19,221	83	11,829	68	5,984	70	18,514	81	10,798	64	105,835	75
16 or more	4,234	16	2,743	12	3,187	18	712	8	1,857	8	1,709	10	18,130	13
Mean Credits Attempted	13.7		13.2		13.3		12.1		12.7		12.0		13.0	
FTICs as % of Under-graduates	79%		75%		52%		43%		58%		57%		62%	

FAU Enrollment to Graduation: An Analysis



Enrolled Students
Part-time vs. Full-time FTICs - Analysis


• **FAU is second (22%) to FIU (27%) in part time FTICs. The SUS average is 12%.**

• **Average credit hours attempted by FAU FTICs (12.1) is second lowest (FIU = 12.0). The SUS average is 13.0.**

FAU Enrollment to Graduation: An Analysis




Enrolled Students Part-time (Less than 12 hours) vs. Full-time (12 hours or more) AA Transfers														
Credits Attempted	UF		FSU		USF		FAU		UCF		FIU		SUS	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Part-time: 1 to 6	320	6	654	14	1,463	20	1,368	28	2,507	24	1,731	27	7,445	21
7 to 11	697	13	771	16	1,612	22	1,361	28	2,235	21	1,656	26	9,545	21
Full-time: 12 to 15	3,840	71	3,038	63	3,606	49	1,889	39	5,344	51	2,799	43	23,990	52
16 or more	539	10	364	8	653	9	193	4	472	5	273	4	2,860	6
Mean Credits Attempted	12.4		11.5		10.9		9.7		10.3		9.9		10.7	
AA Transfers as % of Under-graduates	16%		16%		22%		24%		27%		21%		20%	

FAU Enrollment to Graduation: An Analysis 


**Enrolled Students
Part-time vs. Full-time AA Transfers - Analysis**

- **FAU is highest (56%) in part time AA transfers within the SUS (42%). FIU is second (53%).**

- **Hours attempted (9.7 per semester) is lowest within the SUS (average = 10.7).**


FAU Enrollment to Graduation: An Analysis 

Enrolled Students Part-time (Less than 12 hours) vs. Full-time (12 hours or more) Other CC Transfers														
Credits Attempted	UF		FSU		USF		FAU		UCF		FIU		SUS	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Part-time: 1 to 6	36	6	114	12	508	22	837	31	889	22	762	30	3,756	23
7 to 11	66	12	120	13	481	21	721	26	767	19	632	25	3,397	21
Full-time: 12 to 15	404	72	606	65	1,097	48	1,032	38	2,251	54	991	39	8,212	50
16 or more	56	10	93	10	185	8	142	5	229	6	152	6	1,113	7
Mean Credits Attempted	12.5		11.8		10.7		9.6		10.7		9.7		10.6	
Other CC Transfers as % of Under-graduates	2%		3%		7%		14%		10%		8%		7%	


FAU Enrollment to Graduation: An Analysis 

**Enrolled Students
Part-time vs. Full-time Other CC Transfers - Analysis**

- FAU (57%) and FIU (55%) are highest in part time Other CC Transfers in the SUS (44%).
- FAU (43%) and FIU (45%) are lowest in full time Other CC Transfers in the SUS (57%).


FAU Enrollment to Graduation: An Analysis 

Enrolled Students Part-time (Less than 12 hours) vs. Full-time (12 hours or more) All Other Transfers														
Credits Attempted	UF		FSU		USF		FAU		UCF		FIU		SUS	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Part-time: 1 to 6	67	5	225	12	1,706	25	1,129	30	274	16	832	20	5,143	20
7 to 11	100	7	170	9	1,291	19	799	21	247	14	775	19	4,090	16
Full-time: 12 to 15	986	72	1,324	68	2,989	44	1,576	42	1,032	60	2,115	52	13,142	52
16 or above	216	16	232	12	805	12	279	7	180	10	358	9	2,830	11
Mean Credits Attempted	13.2		12.2		10.7		10.0		11.8		11.0		11.2	
All Other Transfers as % of Under-graduates	4%		6%		20%		19%		4%		14%		11%	

FAU Enrollment to Graduation: An Analysis 

**Enrolled Students
Part-time vs. Full-time All Other Transfers - Analysis**

- FAU is highest (51%) in percentage of part time All Other Transfers in the SUS (36%).
- FAU is lowest (10.0 credit hours) in hours attempted by All Other Transfers in the SUS (11.2).

FAU Enrollment to Graduation: An Analysis 

SUS Summary
Part-time vs. Full-time

Institution	FT/UG	PT/UG	% PT UG
Florida Atlantic University	11,808	8,112	41%
Florida International University	19,195	10,857	36%
University of South Florida	24,351	9,534	28%
University of North Florida	9,982	3,851	28%
University of West Florida	5,743	2,160	27%
University of Central Florida	29,879	9,502	24%
Florida Gulf Coast University	5,437	1,525	22%
Florida State University	27,621	3,325	11%
Florida A&M University	9,039	957	10%
University of Florida	32,312	2,291	7%
New College	746	0	0%

Source: Fall 2006 Final Student Data Course File

Overall SUS Summary

- Considering all categories of undergraduates, FAU is highest in part time students (41%) followed by FIU (36%). The SUS average is 22%.

National Peer Comparison -Part-time vs. Full-time

Institution	FT/UG	PT/UG	% PT UG
Florida Atlantic University	11,808	8,112	41%
Indiana Univ-Purdue Univ-Indianapolis	13,942	7,251	34%
Portland State University	11,020	4,895	31%
University of Texas-Arlington (2004-05)	13,679	5,543	29%
University of Nevada-Las Vegas	14,998	5,891	28%
Old Dominion University	10,958	3,887	26%
Georgia State University	13,698	4,780	26%
University of Memphis	11,655	3,715	24%
University of Akron, Main Campus	14,025	4,335	24%
George Mason University	13,890	3,922	22%
University of Louisville	11,285	2,740	20%
University of Toledo	12,958	3,109	19%
University of Wisconsin-Milwaukee	18,965	3,101	14%
Virginia Commonwealth University	16,805	2,692	14%

Source: IPEDS

FAU Enrollment to Graduation: An Analysis



National Peer Comparison -Bachelor Degrees vs. Headcount

Institution	Degrees Awarded 2005-06	Fall 2006 UG Headcount	Degrees Per 1000 Enrolled
Florida Atlantic University	4,217	19,920	212
George Mason University	3,655	17,812	205
Portland State University	3,034	15,915	191
Georgia State University	3,501	18,478	189
University of Texas-Arlington (2004-05)	3,480	19,222	181
Old Dominion University	2,674	14,845	180
University of Toledo	2,710	16,067	169
University of Louisville	2,253	14,025	161
Virginia Commonwealth University	3,126	19,497	160
University of Nevada –Las Vegas	3,250	20,889	156
University of Wisconsin – Milwaukee	3,227	22,066	146
University of Memphis	2,243	15,370	146
Indiana Univ– Purdue Univ-Indianapolis	2,776	21,193	131
University of Akron, Main Campus	2,258	18,360	123

Source: IPEDS

FAU Enrollment to Graduation: An Analysis



Definitions: Course Success Rate

Success Rate: Of credit hours attempted, actual percentage of hours earned.

**Enrolled Students – Fall 2006
Hours Attempted/Hours Earned
FTICs**

	UF	FSU	USF	FAU	UCF	FIU	SUS
All FTIC Attempted	13.7	13.2	13.3	12.1	12.7	12.0	13.0
Earned	12.3	12.0	11.1	10.3	11.3	9.5	11.2
% Success Rate	89.8	90.9	83.5	85.1	89.0	79.1	86.2

**Enrolled Students – Fall 2006
Hours Attempted/Hours Earned
All AA Transfers**

	UF	FSU	USF	FAU	UCF	FIU	SUS
All AA Transfers Attempted	12.4	11.5	10.9	9.7	10.3	9.9	10.7
Earned	10.8	10.2	9.3	8.5	9.1	8.4	9.3
% Success Rate	87.1	88.7	85.3	87.6	88.3	84.8	86.9

FAU Enrollment to Graduation: An Analysis



**Enrolled Students – Fall 2006
Hours Attempted/Hours Earned
All Other CC Transfers**

	UF	FSU	USF	FAU	UCF	FIU	SUS
All Other CC Transfers Attempted	12.5	11.8	10.7	9.6	10.7	9.7	10.6
Earned	11.0	10.2	8.6	8.0	9.4	7.6	8.8
% Success Rate	88.0	86.0	80.0	83.0	88.0	78.0	83.0

FAU Enrollment to Graduation: An Analysis



**Enrolled Students – Fall 2006
Hours Attempted/Hours Earned
All Other Transfers**

	UF	FSU	USF	FAU	UCF	FIU	SUS
All Other Transfers Attempted	13.2	12.2	10.7	10.0	11.6	11.0	11.2
Earned	11.9	11.2	8.8	8.5	10.1	9.1	9.5
% Success Rate	90.0	92.0	82.0	85.0	87.0	83.0	85.0

Overall Summary

- For all categories of students enrolled, FAU approximates the percent success rate of the SUS.

Projected Time to Graduation

FTIC

$$\frac{125 \text{ Hours needed}}{\text{Hours attempted/earned per Semester}} = \text{Semesters Needed}$$

AA Transfer

$$\frac{65 \text{ Hours needed}}{\text{Hours attempted/earned per Semester}} = \text{Semesters Needed}$$

NOTE: Other CC Transfers and All Other Transfers not included. Hours completed elsewhere highly variable, thus hours needed at FAU highly variable.

Enrolled Students - FTICs Projected Time to Graduation (125 Semester hours needed)

	UF	FSU	USF	FAU	UCF	FIU	SUS
Semesters Based on Earned Hours	10.2 (5.1 yrs)	10.4 (5.2 yrs)	11.3 (5.7 yrs)	12.5 (6.3 yrs)	11.1 (5.6 yrs)	13.2 (6.6 yrs)	11.2 (5.6 yrs)

•Based upon average hours earned per semester, FAU (12.5 semesters, 6.3 years) is slightly better than FIU (13.2 semesters, 6.6 years) in projected time for baccalaureate degree completion by FTICs. The SUS average is 11.2 semesters or 5.6 years.

**Enrolled Students - AA
Projected Time to Graduation
(Average 65 Semester hours needed)**

	UF	FSU	USF	FAU	UCF	FIU	SUS
Semesters Based on Earned Hours	6.0 (3.0 yrs)	6.4 (3.2 yrs)	7.0 (3.5 yrs)	7.6 (3.8 yrs)	7.1 (3.6 yrs)	7.7 (3.9 yrs)	7.0 (3.5 yrs)

• Based upon average hours earned per semester, FAU (7.6 semesters, 3.8 years) is slightly better than FIU (7.7 semesters, 3.9 years) in projected time for baccalaureate degree completion by AA transfers. The SUS average is 7 semesters or 3.5 years.

Part II – Summary

- More than 50% of all transfer students are part-time and even FTICs do not continue to enroll full-time throughout their academic careers.
- FAU has the highest percentage of part-time students in the SUS and among its national peers.
- FAU has the highest number of degrees produced per 1000 enrolled among its national peers.
- FAU students approximate the SUS success rate for Hours attempted/hours earned.
- Because FAU students on average attempt fewer hours, the projected time to graduation is longer.

PART III Retention and Graduation Rates

- Preparedness of entering students
- FTIC retention rates
- FTIC graduation rates
- AA transfer graduation rates

PART III- Retention and Graduation Rates

What are the factors that impact retention & graduation rates?

- How do FAU's students compare to other SUS institutions with regard to preparedness predictors such as high school GPA and SAT scores?
- How much do academic and non-academic factors such as high school GPA, primary residence, housing, or financial aid affect retention?
- What happens to FTICs who don't graduate within 6 years?

Preparedness of Entering FTICs – Average High School GPA

Fall 2006		Fall 2005		Fall 2004		Fall 2003	
Institution	GPA	Institution	GPA	Institution	GPA	Institution	GPA
UF	4.1	NCF	4.0	NCF	4.0	UF	4.0
NCF	3.9	UF	4.0	UF	3.9	FSU	3.8
FSU	3.7	FSU	3.7	UCF	3.8	NCF	3.8
UCF	3.7	FIU	3.6	FSU	3.7	UCF	3.8
FIU	3.6	UCF	3.6	USF	3.7	FIU	3.6
UNF	3.6	UNF	3.6	FGCU	3.5	UNF	3.6
USF	3.6	UWF	3.6	UNF	3.5	USF	3.6
UWF	3.5	USF	3.5	UWF	3.5	FGCU	3.5
FGCU	3.4	FAU	3.4	FAU	3.4	UWF	3.5
FAU	3.3	FGCU	3.4	FIU	3.4	FAU	3.4
FAMU	3.0	FAMU	3.1	FAMU	3.1	FAMU	3.1
SUS AVG.	3.6	SUS AVG.	3.6	SUS AVG.	3.6	SUS AVG.	3.7

Source: Fall 2006 Final Student Data Course File

High School GPA for FAU FTICs – Fall 2006 Admitted and Registered

High School GPA	Number	Percent
2.00 – 2.49	101	5
2.50 – 2.99	470	24
3.00 – 3.49	804	40
3.50 – 4.00	469	23
Above 4.00	158	8
All	2,002	100

Average 3.3

Preparedness of Entering FTICs – Average SAT Scores

Fall 2006		Fall 2005		Fall 2004		Fall 2003	
<u>Institution</u>	<u>Score</u>	<u>Institution</u>	<u>Score</u>	<u>Institution</u>	<u>Score</u>	<u>Institution</u>	<u>Score</u>
NCF	1333	NCF	1307	NCF	1310	NCF	1312
UF	1274	UF	1286	UF	1281	UF	1267
FSU	1206	FSU	1187	FSU	1199	FSU	1194
UCF	1201	UCF	1177	UCF	1170	UCF	1175
UNF	1166	UNF	1160	UNF	1145	FIU	1153
FIU	1134	USF	1135	FIU	1128	UNF	1152
USF	1131	FIU	1112	UWF	1111	UWF	1107
UWF	1070	UWF	1100	USF	1108	USF	1084
FAU	1052	FAU	1058	FGCU	1048	FGCU	1045
FGCU	1030	FGCU	1041	FAU	1037	FAU	1026
FAMU	922	FAMU	940	FAMU	941	FAMU	999
SUS AVG.	1152	SUS AVG.	1151	SUS AVG.	1141	SUS AVG.	1142

Source: Fall 2006 Final Student Data Course File

SAT Scores of FAU FTICs – Fall 2006 Admitted and Registered

<u>SAT Total</u>	<u>Number</u>	<u>Percent</u>
400 – 599	1	0
600 – 799	21	1
800 – 899	125	6
900 – 999	526	26
1000 – 1099	692	35
1100 – 1199	402	20
1200 – 1399	219	11
1400 – 1600	16	1
All	2,002	100

Average 1052

FTIC Retention Rate

Defined: Percentage of FTICs enrolled fall term one year after initial enrollment

SUS Comparative FTIC Retention Rates Fall 2005 – Fall 2006

	UF	FSU	USF	FAU	UCF	FIU	SUS
% Returning	94	88	81	73	82	72	80
# Returning	4106/4369	3539/4022	3205/3957	1530/2096	3401/4147	1832/2544	-
# Not Returning*	263/4369	483/4022	752/3957	566/2096	746/4147	712/2544	-

*Due to stop-outs, may not be lost. Stop-outs are students who do not return the following fall but who will re-enroll later.

**FAU
Students Retained/Lost**

	<u>No. Passing</u>	<u>No. Failing</u>	<u>Total</u>	
			<u>No.</u>	<u>Percent</u>
Retained	1530	--	1530	73
Transfers out to:				
Community College	63	125	188	9
Other SUS	63	21	84	4
Other	53	31	84	4
Dropouts	42	84	126	6
Stop-outs	29	55	84	4
Total	1780	316	2096	100

- **Stop-outs are students who do not return the following fall but who will re-enroll at a later date.**

**Analysis of Factors at FAU
Related to Retention/Attrition**

- Preparation/High School GPA
- Participation in Freshman Learning Communities
- Living on Campus
- Financial Aid
- Primary Residence
- Success in Gateway Courses/Freshman English & Math
- Other

Factors that Affect FAU Retention Rates – Average High School GPA

Fall 2006		Fall 2005		Fall 2004		Fall 2003	
<u>Institution</u>	<u>GPA</u>	<u>Institution</u>	<u>GPA</u>	<u>Institution</u>	<u>GPA</u>	<u>Institution</u>	<u>GPA</u>
UF	4.1	NCF	4.0	NCF	4.0	UF	4.0
NCF	3.9	UF	4.0	UF	3.9	FSU	3.8
FSU	3.7	FSU	3.7	UCF	3.8	NCF	3.8
UCF	3.7	FIU	3.6	FSU	3.7	UCF	3.8
FIU	3.6	UCF	3.6	USF	3.7	FIU	3.6
UNF	3.6	UNF	3.6	FGCU	3.5	UNF	3.6
USF	3.6	UWF	3.6	UNF	3.5	USF	3.6
UWF	3.5	USF	3.5	UWF	3.5	FGCU	3.5
FGCU	3.4	FAU	3.4	FAU	3.4	UWF	3.5
FAU	3.3	FGCU	3.4	FIU	3.4	FAU	3.4
FAMU	3.0	FAMU	3.1	FAMU	3.1	FAMU	3.1
SUS AVG.	3.6	SUS AVG.	3.6	SUS AVG.	3.6	SUS AVG.	3.7

Source: Fall 2006 Final Student Data Course File



High School GPA/Predicted FAU GPA

	<u>High School GPA</u>			
	<u>2.5</u>	<u>3.0</u>	<u>3.5</u>	<u>4.0</u>
First Fall GPA	1.76	2.14	2.51	2.89
First Year GPA	2.03	2.41	2.78	3.16

Note: Drawn from full-time FTICs from 2002-2005



**Effect of Participation in
Freshman Learning Communities (FLC) on GPA**

	<u>Non-FLC</u>	<u>FLC</u>
#FTIC	5896	1192
First Fall GPA	2.43	2.58
First Year GPA	2.51	2.60

**Effect of Participation in Freshman Learning Communities
(FLC) on FTIC Retention, First Fall to Second Fall**

In FLC	74.5% Retained
Not in FLC	70.7% Retained

Note: Drawn from full-time FTICs from 2002-2005

Effect of Student Housing on GPA

	<u>Non-Housing</u>	<u>Housing</u>
#FTIC	4279	2809
First Fall GPA	2.51	2.44
First Year GPA	2.57	2.57

**Effect of Student Housing on FTIC Retention,
First Fall to Second Fall**

In Housing	68.4% Retained
Not in Housing	73.2% Retained

Note: Drawn from full-time FTICs from 2002-2005

**Effect of Scholarships and Grants on FTIC Retention
First Fall to Second Fall**

For each \$1000 increase in scholarship	+5.1%
For each \$1000 increase in grant	+4.3%

**Effect of Primary Residence on FTIC Retention
First Fall to Second Fall as Compared to Primary Residence
within FAU Service Area**

North Florida	-15.5%
Miami-Dade	-12.4%
Central Florida	-9.7%
Non-Florida Resident	-7.9%

**Success Rates* in Freshman English and Mathematics
2005 - 2006**

	UF	FSU	USF	FAU	UCF	FIU	SUS
Freshman English	92%	94%	77%	81%	88%	80%	83%
Freshman Mathematics	81%	71%	51%	50%	72%	40%	62%

***Success rate defined as pass with C or better**

Non-predictors of First Fall to Second Fall FTIC Retention

- Gender
- Age
- On-campus Housing
- SAT Scores
- Full-time vs. Part-time

Graduation Rates

- **Six-year graduation rate for FTICs established at national level for national comparisons.**
- **Four-year graduation rate for AA transfers used by the State of Florida**

Note 1: Graduation rates are not computed for 33% (Other Transfers) of FAU's enrolled students and 47% of FAU's graduates.

Factors that Influence Graduation Rates

- **Hours attempted/Full-time vs. Part-time**
- **Hours attempted by Age Range**
- **Stop-outs**
 - Job responsibilities
 - Personal reasons
 - Financial reasons
- **Transfer to other institutions**
- **Drop-outs**
 - Academic difficulty
 - Personal reasons
 - Financial reasons

**Mean Credit Hours Attempted by Student Age
Fall 2006 Enrolled Undergraduates**

<u>Age</u>	<u>#</u>	<u>%</u>	<u>Hours Attempted</u>
19 and under	3,738	19	12.7
20 – 21	4,612	23	12.3
22 - 23	3,847	19	11.2
24 – 29	4,426	22	9.6
30 and above	3,297	17	7.8
All	19,920	100	10.8

Source: Student Data Course File

**System Comparisons
Age of Undergraduate/Hours Attempted**

AGE	UF		FSU		USF		FAU		UCF		FIU		SUS	
	% Enr.	Hr. Att.	% Enr.	Hr. Att.	% Enr.	Hr. Att.	% Enr.	Hr. Att.	% Enr.	Hr. Att.	% Enr.	Hr. Att.	% Enr.	Hr. Att.
19 & Under	34	13.8	33	13.4	22	13.9	19	12.7	27	12.9	24	13.0	27	13.4
20 – 21	41	13.8	39	13.3	28	13.2	23	12.3	31	12.8	26	12.2	32	13.1
22 – 23	17	12.9	18	12.5	21	11.9	19	11.2	21	11.6	20	11.0	19	11.9
24 – 29	6	11.8	7	10.9	18	10.2	22	9.6	13	9.9	21	9.6	14	10.2
30+	2	9.8	3	8.4	11	8.6	17	7.8	8	8.3	10	8.2	8	8.4
Avg. Hrs.	--	13.5	--	12.9	--	12.1	--	10.8	--	11.8	--	11.2	--	12.2

Undergraduate Age/Hours Attempted Summary

- FAU has the highest undergraduate average age (24.7) compared with UF (20.7), USF (23.4), FIU (23.1) and SUS (22.5).
- System-wide, older students take fewer hours.
- 39% of FAU undergraduates are 24 years of age or older and take fewer than 9.7 hours.
- 22% of SUS undergraduates are 24 years of age or older and take fewer than 10.2 hours.

Reasons for Stop-out 2007 Student Survey (Sample Size = 3,644)

Job Responsibilities	23.5%
Family Responsibilities	20.2%
Financial Concerns	19.8%
Other including:	36.5%
Academic Probation	
Health Concerns	
Scheduling	

**Hours Employed per Week
All Baccalaureate Degree-seeking**

None	21.9%
1 – 20 hours	30.3%
21 – 39 hours	29.1%
40 or more hours	18.7%

**Hours Employed per Week
Freshman/Sophomore Only**

None	29.5%
1 – 20 hours	39.8%
21 – 39 hours	22.7%
40 or more hours	8.0%

Definition

Six-year FTIC Graduation Rate

Percentage of FTICs who enter in the summer and fall of a given year, who were full-time (12 hours or more) in their first fall and who in turn graduate in six years or less.

Note: The latest six-year graduation rate is based on students who first enrolled in the Summer/Fall of 2000. At FAU this number is 1838.

Definition

Four-year AA Transfer Graduation Rate

Percentage of AA transfers who enter in the summer and fall of a given year who in turn graduate in four years or less.

Note: The latest four-year graduation rate is based on students who first enrolled in the Summer/Fall of 2002. At FAU this number is 932.

**FTIC Six-year Graduation Rates
Cohort Entering Summer/Fall 2000
SUS Comparisons**

	UF	FSU	FAMU	USF	FAU	UWF	UCF	FIU	UNF	FGCU	SUS
# FTICs 2000 AY	6946	5617	2172	3359	1838	648	4604	2607	1687	403	29,875
% graduated in 6 years	78.8%	67.6%	41.9%	48.1%	36.5%	40.7%	57.1%	47.7%	44.3%	33.9%	63.7%
# graduated in 6 years	5473	3796	910	1616	671	264	2628	1243	747	136	19,030
% not graduated in 6 years	21.2%	32.4%	58.1%	51.9%	63.5%	59.3%	42.9%	52.3%	55.7%	66.1%	36.3%
# not graduated in 6 years	1473	1821	1262	1743	1167	384	1976	1364	940	267	10,845

FAU Enrollment to Graduation: An Analysis



**Analysis of 2000 FAU FTIC Cohort
6-year Graduation Rate and Status after 6 years**

	<u>Number</u>	<u>Percent</u>
Graduated	671	36.5%
Still Enrolled	160	8.5%
Transferred	722	39.0%
Dropouts	285	16.0%
TOTAL	1838	100.0%

FAU Enrollment to Graduation: An Analysis



Analysis
**What happened to the 1167 FTICs
 who did not graduate within 6 years?**

	<u>Number</u>	<u>Passing</u>	<u>Failing</u>
Still Enrolled	160	--	--
Transferred	722	334	388
CC	461	154	307
Other SUS	121	91	30
Other 4 year	140	89	51
Dropouts	285	143	142

**Note: If the 334 passing transfers remained and graduated within 6 years,
 graduation rate would increase from 36.5% to 54.7%.**

**FAU 6-year FTIC Graduation Rates by College
 2000 Entering Cohort**

	A&L	AUPA	BUS	ED	EG	NU	SC
# entering in fall 2000	448	120	420	206	299	92	387
% graduated same college	31.5%	28.3%	34.0%	24.3%	19.7%	17.4%	26.4%
% graduated different college	6.0%	12.5%	1.0%	13.6%	14.4%	13.0%	11.1%
Total FAU graduated	37.5%	40.8%	35.0%	37.9%	34.1%	30.4%	37.5%

Note: FAU Average 36.5%

SUS AA Transfer Four-year Graduation Rates 2002 Entering Cohort

	UF	FSU	FAMU	USF	FAU	UWF	UCF	FIU	UNF	FGCU	SUS
# 2002 AA Transfers	1619	1362	91	1863	932	600	2858	1133	722	232	11,412
Percent graduated in 4 years	77.3%	73.4%	62.6%	60.5%	62.9%	67.5%	68.1%	60.9%	65.7%	56.9%	69.0%

Source: SUS Fact Book: Graduation and Retention Rates

FAU Enrollment to Graduation: An Analysis



FAU 4-year AA Graduation Rates by College 2002 Entering Cohort

	A&L	AUPA	BUS	ED	EG	NU	SC
# entering in fall 2002	228	118	476	233	99	45	158
% graduated same college	57.9%	66.9%	53.8%	57.9%	47.5%	51.1%	46.8%
% graduated different college	5.3%	2.5%	2.1%	9.9%	5.1%	4.4%	7.0%
Total FAU graduated	63.2%	69.5%	55.9%	67.8%	52.5%	55.6%	53.8%

Note: FAU average 62.9%

Source: IEA Retention Reports

FAU Enrollment to Graduation: An Analysis



Part III – Summary

- First year retention is related to FTIC credentials (high school GPA) and performance in gateway courses. FAU is below the SUS average in both areas.
- FAU loses a disproportionate number of students due to transfer to community colleges and to a lesser extent, other 4 year institutions.
- Lower FTIC graduation rates are due to a multitude of factors.
- Our research indicates that certain interventions can assist in improving retention rates. Those include freshman learning communities, providing financial aid in the form of scholarships and grants, and improving pass rates in freshman math.

Concluding Summary

Profile of the FAU Graduating Class of 2005-06:

- Over 75% began as transfers, 25% as FTIC
- 25% graduated in areas of critical need, exceeding the SUS average of 23%
- 78% completed their degrees within 110% of required credit hours – among the highest in the SUS.
- Average time to graduation for FAU FTICs was 4.6 years as compared to an SUS average of 4.3.
- Average time to graduation for FAU AA transfers was 3.0 years as compared to an SUS average of 2.7 years.
- FAU and UCF led the SUS in baccalaureate degree production per state-funded FTE enrollment among the SUS institutions.

Concluding Summary

Profile of FAU Undergraduate Enrollments – Fall 2006:

- FAU enrolled the lowest percentage (43%) of FTICs in the SUS (average 62%).
- FAU enrolled the highest percentage of “Other CC Transfers” and “All Other Transfers” in the SUS (averages are 7% vs. 11%, respectively) and is second to UCF (27% and UNF (27%) in percentage of AA Transfers at 24%. The SUS average is 20%.
- FAU, at 22%, had the second highest enrollment of part-time FTICs of all SUS institutions (average is 12%) and highest in part-time enrollments for “AA Transfers” (56%), “Other CC Transfers” (57%) and “All Other Transfers” (51%). SUS averages were 42%, 44%, and 36%, respectively.
- FAU has the highest part-time enrollment of all of its recognized national peer institutions.
- At FAU, the average enrolled student for Fall 2006 was 25 years of age, attended classes part-time, and attempted fewer credit hours than students from other state institutions.

Concluding Summary

FAU’s Student Preparedness:

- FAU FTIC mean SAT score (Fall 2006) was 1052 (SUS mean was 1152).
- 32% of SAT scores were above 1100 while 33% were below 1000.

FAU’s Retention Efforts:

- 73% of FTIC’s entering in Fall 2005 were retained one year later. Of those lost, 17% transferred and 6% dropped out.
- High School GPA, participation in learning communities, and scholarship assistance were predictors of increased retention.
- Lower than SUS average success rate in freshman mathematics influences retention and graduation rates.

Concluding Summary

FAU's Graduation Rates:

- FTIC 6-year graduation rate (2000 cohort) was 36.5%. SUS average was 63.7%.
- Over the 6-year period, 39% FTICs transferred to other institutions. 64% of those transferred to community colleges.
- AA 4-year graduation rate (2002 cohort) was 62.9% as compared to the SUS mean of 69%. Difference attributed primarily to part-time status/fewer hours attempted.

Next Steps

- Continue to increase the number of Freshman Learning Communities
- Further increase recruitment of high ability students
- Develop the mathematics component of the Center for Teaching Excellence and Student Success (CTESS)
- Develop supplemental instruction (SI) for selected courses (math, chemistry, biology)
- Enhance at risk student advising
- Enhance scholarship programs to move part-time students to full-time status