

**Aviation Science Baccalaureate Program:
Data for Program Review**

I.	<u>Student Enrollment</u>	2
	Total Number of Majors by Gender and Race/Ethnicity	2
	Total Number of Minors by Gender and Race/Ethnicity	3
II.	<u>Class Size</u>	4
	Class Size Distribution	4
	Enrollment	4
	Credit Hours Generated	4
	Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty	7
III.	<u>Faculty</u>	10
	Number of Full-Time Faculty by Rank	10
	Number of Full-Time Faculty by Tenure	10
	Number of Full-Time Faculty (Tenured or Tenure-Track) by Gender, Race/Ethnicity and Terminal Degree	11
IV.	<u>Student/Faculty Ratio</u>	12
	Student FTE	12
	Faculty FTE	12
	Student/Faculty Ratio	12
	Comparison of Student/Faculty Ratio	12
V.	<u>Student Progress</u>	13
	Number of Baccalaureate Degree Recipients by Gender and Race/Ethnicity	13
	Baccalaureate Degree Recipients with Minors by Gender and Race/Ethnicity	14
	One-Year Student Persistence	15
	Five-Year Student Persistence	16

I. Student Enrollment

**Total Number of Majors
Fall 2002 – Fall 2006**

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Airport Management	1	3	1	2	0
Aviation Management	42	48	49	52	53
Flight Training	152	171	172	162	190
Total	195	222	222	216	243

**Total Number of Majors by Gender
Fall 2002 – Fall 2006**

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Men	171	196	195	192	223
Women	24	26	27	24	20
% Female	12.3%	11.7%	12.2%	11.1%	8.2%

**Total Number of Majors by Race/Ethnicity
Fall 2002 – Fall 2006**

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Native American	0	0	1	0	0
Asian	3	3	4	4	7
Black	6	8	5	6	8
Hispanic	7	11	7	3	6
Cape Verdean	2	0	1	3	2
White	143	165	143	148	180
International	20	16	16	10	9
Other/Unknown	14	19	45	42	31
Total Students of Color	18	22	18	16	23
% Students of Color	9.2%	9.9%	8.1%	7.4%	9.5%

Note: Includes double majors except for Fall 2004. Comparisons should be made with caution.

I. Student Enrollment (continued)

Total Number of Minors Fall 2002 – Fall 2006

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Aviation Science	5	4	1	6	7
Total	5	4	1	6	7

Total Number of Minors by Gender Fall 2002 – Fall 2006

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Men	4	2	1	3	5
Women	1	2	0	3	2
% Female	20.0%	50.0%	0%	50.0%	28.6%

Total Number of Minors by Race/Ethnicity Fall 2002 – Fall 2006

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Native American	0	0	0	1	1
Asian	1	0	0	0	0
Black	0	0	0	0	0
Hispanic	0	0	0	0	0
Cape Verdean	0	0	0	0	0
White	3	4	1	2	2
International	0	0	0	0	0
Other/Unknown	1	0	0	3	4
Total Students of Color	1	0	0	1	1
% Students of Color	20.0%	0%	0%	16.7%	14.3%

Note: Includes double minors except for Fall 2004. Comparisons should be made with caution.

II. Class Size

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2002

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	1	1	2	0	0	4	18	41	111	396
Upper	1	4	0	0	0	5	14	1	70	210
Grad	0	0	0	0	0	0	0	0	0	0
Total	2	5	2	0	0	9	15	42	181	606

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2003

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	1	1	1	1	0	4	21	45	127	372
Upper	3	2	0	0	0	5	7	6	40	130
Grad	0	0	0	0	0	0	0	0	0	0
Total	4	3	1	1	0	9	13	51	167	502

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2003

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	2	1	2	0	0	5	16	82	161	618
Upper	1	5	1	0	0	7	17	19	138	401
Grad	0	0	0	0	0	0	0	0	0	0
Total	3	6	3	0	0	12	17	101	299	1019

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2004

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	1	1	2	0	0	4	21	33	118	386
Upper	1	3	1	0	0	5	15	34	108	323
Grad	0	0	0	0	0	0	0	0	0	0
Total	2	4	3	0	0	9	18	67	226	709

Notes: Individual Instruction includes internships, directed studies, practica and flight training.
 Lower=100-200 level courses; Upper=300-400 level courses; Graduate=500 level courses.

II. Class Size (continued)

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2004

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	1	4	1	0	0	6	15	79	171	687
Upper	4	2	2	0	0	8	12	35	134	393
Grad	0	0	0	0	0	0	0	0	0	0
Total	5	6	3	0	0	14	14	114	305	1080

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2005

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	4	1	0	0	0	5	8	33	74	274
Upper	2	4	1	0	0	7	13	29	117	308
Grad	0	0	0	0	0	0	0	0	0	0
Total	6	5	1	0	0	12	11	62	191	582

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2005

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	2	3	1	0	0	6	14	62	148	584
Upper	2	4	1	0	0	7	16	49	160	465
Grad	0	0	0	0	0	0	0	0	0	0
Total	4	7	2	0	0	13	15	111	308	1049

Class Size Distribution, Enrollment and Credit Hours Generated Spring 2006

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	4	1	0	0	0	5	8	32	72	239
Upper	2	4	1	0	0	7	14	37	136	369
Grad	0	0	0	0	0	0	0	0	0	0
Total	6	5	1	0	0	12	12	69	208	608

Notes: Individual Instruction includes internships, directed studies, practica and flight training.
 Lower=100-200 level courses; Upper=300-400 level courses; Graduate=500 level courses.

II. Class Size (continued)

Class Size Distribution, Enrollment and Credit Hours Generated Fall 2006

Level	Class Size					Total Sections	Avg Section Size	Enrollment Individual Instruction	Total Enrollment	Credit Hours Generated
	1-10	11-20	21-30	31-40	41+					
Lower	1	2	3	0	0	6	18	62	169	701
Upper	3	4	1	0	0	8	14	44	153	457
Grad	0	0	0	0	0	0	0	0	0	0
Total	4	6	4	0	0	14	15	106	322	1158

Notes: Individual Instruction includes internships, directed studies, practica and flight training.
Lower=100-200 level courses; Upper=300-400 level courses; Graduate=500 level courses.

II. Class Size (continued)

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 2002**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	2	1	3	
Upper	6	0	6	
Grad	0	0	0	
Total	8	1	9	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 2003**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	3	
Upper	7	1	7	
Grad	0	0	0	
Total	10	2	12	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 2003**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	2	1	3	
Upper	6	2	8	
Grad	0	0	0	
Total	8	3	11	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 2004**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	4	
Upper	4	2	6	
Grad	0	0	0	
Total	7	3	10	

*Number of full-time faculty members on sabbatical/leave will be noted in the "Comments" section.

II. Class Size (continued)

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 2004**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	0	3	
Upper	10	1	11	
Grad	0	0	0	
Total	13	1	14	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 2005**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	4	0	4	
Upper	7	0	7	
Grad	0	0	0	
Total	11	0	11	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Fall 2005**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	0	3	1 full-time faculty member on leave/sabbatical
Upper	7	1	8	
Grad	0	0	0	
Total	10	1	11	

**Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty
Spring 2006**

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three-Credit Sections	Comments*
Lower	3	1	4	1 full-time faculty member on leave/sabbatical
Upper	7	0	7	
Grad	0	0	0	
Total	10	1	11	

*Number of full-time faculty members on sabbatical/leave will be noted in the "Comments" section.

II. Class Size (continued)

Number of Three-Credit Course Sections Taught by Full-Time and Part-Time Faculty Fall 2006

Level	Taught by Full-Time Faculty	Taught by Part-Time Faculty	Total Three- Credit Sections	Comments*
Lower	2	1	3	
Upper	7	0	7	
Grad	0	0	0	
Total	9	1	10	

*Number of full-time faculty members on sabbatical/leave will be noted in the "Comments" section.

III. Faculty

Number of Full-Time Faculty by Rank Fall 2002 – Fall 2006

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Professor	0	0	0	0	0
Associate Professor	0	0	0	0	0
Assistant Professor	4	4	4	4	4
Instructor	0	0	0	0	0
Total Full-Time Faculty	4	4	4	4	4

Number of Full-Time Faculty by Tenure Fall 2002 – Fall 2006

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Tenured	3	3	3	3	3
Not tenured	1	1	1	1	1
Not on tenure-track	0	0	0	0	0
% Tenured*	75.0%	75.0%	75.0%	75.0%	75.0%

* Of tenure-track faculty

III. Faculty (continued)

**Number of Full-Time Faculty (Tenured or Tenure-Track) by Gender
Fall 2002 – Fall 2006**

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Men	3	3	3	3	3
Women	1	1	1	1	1
% Female	25.0%	25.0%	25.0%	25.0%	25.0%

**Number of Full-Time Faculty (Tenured or Tenure-Track) by Race/Ethnicity
Fall 2002 – Fall 2006**

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
Native American	0	0	0	0	0
Asian	0	0	0	0	0
Black	0	0	0	0	0
Hispanic	0	0	0	0	0
Cape Verdean	0	0	0	0	0
White	4	4	4	4	4
International	0	0	0	0	0
Unknown	0	0	0	0	0
Total Faculty of Color	0	0	0	0	0
% Faculty of Color	0%	0%	0%	0%	0%

**Number of Full-Time Faculty (Tenured or Tenure Track) by Terminal Degree
Fall 2002 – Fall 2006**

	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
With Terminal Degree	4	4	4	4	4
Without Terminal Degree	0	0	0	0	0
% with Terminal Degree	100%	100%	100%	100%	100%

IV. Student/Faculty Ratio

**Student FTE, Faculty FTE and Student/Faculty Ratio
Fall 2002 – Fall 2006**

	Student FTE			Faculty FTE			Student/ Faculty Ratio
	GR	UG	Total	Full-Time	Part-Time	Total	
Fall 2002	0.5	39.9	40.4	3.2	0.0	3.2	12.6
Fall 2003	0.5	66.6	67.1	3.0	0.4	3.4	19.7
Fall 2004	0.0	70.3	70.3	3.2	0.2	3.4	20.7
Fall 2005	0.0	69.9	69.9	3.8	0.6	4.4	15.9
Fall 2006	0.3	81.8	82.1	3.8	0.6	4.4	18.7

**Comparison of Student/Faculty Ratio
Fall 2002 – Fall 2006**

	Aviation Science	School of Business	Bridgewater State College
Fall 2002	12.6	20.5	20.0
Fall 2003	19.7	21.3	20.6
Fall 2004	20.7	19.4	20.3
Fall 2005	15.9	20.9	19.6
Fall 2006	18.7	21.2	19.7

Notes:

Student/Faculty Ratio = (student FTE)/(faculty FTE).

FTE for undergraduate students = (total credit hours)/15; FTE for graduate students = (total credit hours)/12.

FTE for part-time faculty = (total credit hours)/15. Adjustments to full-time faculty FTE were made for alternative responsibilities, leaves of absences or sabbaticals.

V. Student Progress

**Number of Baccalaureate Degree Recipients
2001/02 – 2005/06**

	2001/02	2002/03	2003/04	2004/05	2005/06
Airport Management	0	1	1	0	0
Aviation Management	20	14	15	20	18
Flight Training	8	7	5	18	8
Total	28	22	21	38	26

**Number of Baccalaureate Degree Recipients by Gender
2001/02 – 2005/06**

	2001/02	2002/03	2003/04	2004/05	2005/06
Men	25	19	20	34	24
Women	3	3	1	4	2
% Female	10.7%	13.6%	4.8%	10.5%	7.7%

**Number of Baccalaureate Degree Recipients by Race/Ethnicity
2001/02 – 2005/06**

	2001/02	2002/03	2003/04	2004/05	2005/06
Native American	0	0	0	0	0
Asian	0	0	1	0	0
Black	1	0	0	0	3
Hispanic	3	0	0	1	2
Cape Verdean	1	1	0	0	0
White	20	20	15	29	15
International	3	0	3	5	4
Other/Unknown	0	1	2	3	2
Total Students of Color	5	1	1	1	5
% Students of Color	17.9%	4.6%	4.8%	2.6%	19.2%

Note: Includes double majors

V. Student Progress (continued)

Number of Baccalaureate Degree Recipients with Minor in Aviation Science 2001/02 – 2005/06

	2001/02	2002/03	2003/04	2004/05	2005/06
Aviation Science	2	0	2	2	5
Total	2	0	2	2	5

Number of Baccalaureate Degree Recipients with Minor in Aviation Science by Gender 2001/02 – 2005/06

	2001/02	2002/03	2003/04	2004/05	2005/06
Men	1	0	1	2	3
Women	1	0	1	0	2
% Female	50.0%	0%	50.0%	0%	40.0%

Number of Baccalaureate Degree Recipients with Minor in Aviation Science by Race/Ethnicity 2001/02 – 2005/06

	2001/02	2002/03	2003/04	2004/05	2005/06
Native American	0	0	0	0	0
Asian	0	0	0	0	0
Black	0	0	0	0	0
Hispanic	0	0	0	0	0
Cape Verdean	1	0	0	0	0
White	1	0	2	2	5
International	0	0	0	0	0
Other/Unknown	0	0	0	0	0
Total Students of Color	1	0	0	0	0
% Students of Color	50.0%	0%	0%	0%	0%

Note: Includes double minors

1-Year Student Persistence

Freshmen

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2003	66	43	65%	3	5%	46	70%	0	0%	0	0%	0	0%	20	30%
Fall 2004	77	51	66%	5	6%	56	73%	0	0%	0	0%	0	0%	21	27%
Fall 2005	62	38	61%	8	13%	46	74%	0	0%	0	0%	0	0%	16	26%

Sophomores

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2003	62	40	65%	8	13%	48	77%	0	0%	0	0%	0	0%	14	23%
Fall 2004	59	48	81%	3	5%	51	86%	0	0%	0	0%	0	0%	8	14%
Fall 2005	59	46	78%	7	12%	53	90%	0	0%	0	0%	0	0%	6	10%

Juniors

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2003	48	36	75%	2	4%	38	79%	3	6%	0	0%	3	6%	7	15%
Fall 2004	39	29	74%	4	10%	33	85%	2	5%	0	0%	2	5%	4	10%
Fall 2005	53	42	79%	4	8%	46	87%	0	0%	0	0%	0	0%	7	13%

Seniors

	Initial Cohort	Still Enrolled (the succeeding Fall)						Graduated (by the succeeding Summer)						Not Enrolled	
		Same Major		Different Major		Total		Same Major		Different Major		Total			
Fall 2003	41	10	24%	0	0%	10	24%	18	44%	0	0%	18	44%	13	32%
Fall 2004	47	7	15%	0	0%	7	15%	24	51%	1	2%	25	53%	15	32%
Fall 2005	34	7	21%	0	0%	7	21%	15	44%	0	0%	15	44%	12	35%

5-Year Student Persistence

	Initial Cohort	Still Enrolled (Fall 2006)						Graduated (by Summer 2006)						Not Enrolled	
	Fall 2001	Same Major		Different Major		Total		Same Major		Different Major		Total			
Freshman	51	4	8%	1	2%	5	10%	9	18%	5	10%	14	27%	32	63%
Sophomore	48	1	2%	3	6%	4	8%	22	46%	6	13%	28	58%	16	33%
Junior	25	1	4%	0	0%	1	4%	12	48%	3	12%	15	60%	9	36%
Senior	42	0	0%	0	0%	0	0%	29	69%	2	5%	31	74%	11	26%