

# **Employer Feedback Survey**

**Classes of 2001, 2002, 2003 & 2004, 1 1/2 Years After Graduation**

**Program Profile  
BS Aerospace Engineering  
Daytona Beach Campus**

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June 2007

This Program Profile contains Employer Feedback Survey results for this degree program only, for the Classes of 2001, 2002, 2003 & 2004. Almost every question from the instrument is included. Some of the skill verbiage required abbreviation in order to fit in the tables; please refer to the survey instrument if clarification is needed. Employer comments for 'strengths' and 'weaknesses' of the degree program have been included.

In an effort to correct for disproportionate response rates and adjust the respondent profile so that it was representative of the target population, the data were weighted by gender, campus, program, and year of graduation. Percentages in the data tables represent the weighted result (the number of respondents has been left unweighted, however). Please use caution when interpreting results for programs with a small number of respondents; results based on very few respondents may not be representative. Programs for which there were fewer than three respondents are excluded.

**Number of Respondents  
By Campus and Year of Graduation.**

	BS Aerospace Engineering				
	2001	2002	2003	2004	All Years
Daytona Beach	4	6	8	3	21

**Graduate's length of time at present position  
(as reported by the graduate on the preceding Alumni Survey)  
By Campus**

		Unwtd # of Respondents	Less than 1 year	1-2 years	3-5 years
			Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	50.0%	50.0%	.0%
	2002	6	28.2%	53.9%	18.0%
	2003	8	31.8%	68.2%	.0%
	2004	3	66.7%	33.3%	.0%
	All Years	21	46.2%	49.8%	3.9%

Response options: 'Less than 1 year', '1-2 years', '3-5 years', 'More than 5 years'.

**Best description of graduate's field of work  
(as reported by the graduate on the preceding Alumni Survey)  
By Campus**

			2001	2002	2003	2004	All Years
Daytona Beach	Unwtd # of Respondents		4	6	8	3	21
	Aerospace	Wtd Col %	50.0%	64.1%	83.2%	100.0%	79.6%
	Computer	Wtd Col %	.0%	.0%	8.4%	.0%	2.2%
	Government	Wtd Col %	.0%	.0%	8.4%	.0%	2.2%
	Military	Wtd Col %	.0%	18.0%	.0%	.0%	3.9%
	Other	Wtd Col %	25.0%	.0%	.0%	.0%	4.0%
	Other	Wtd Col %	25.0%	18.0%	.0%	.0%	7.9%

**Relationship of graduate's job to his/her field of study at ERAU  
(as reported by the graduate on the preceding Alumni Survey)  
By Campus**

		Unwtd # of Respondents	Closely related	Somewhat related
			Wtd Col %	Wtd Col %
Daytona Beach	2001	4	75.0%	25.0%
	2002	6	64.1%	35.9%
	2003	8	76.6%	23.4%
	2004	3	100.0%	.0%
	All Years	21	81.9%	18.1%

Response options: 'Closely related', 'Somewhat related'. Graduates who responded 'Not related' on their Alumni Survey were excluded from consideration for the Employer Feedback Survey.

**Approximately how many ERAU graduates do you know professionally?  
By Campus**

		Unwtd # of Respondents	Number of ERAU Graduates Know Professionally			
			1	2-5	6-10	11-50
			Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	25.0%	50.0%	25.0%	.0%
	2002	6	53.9%	46.1%	.0%	.0%
	2003	8	15.0%	40.2%	44.9%	.0%
	2004	3	33.3%	33.3%	.0%	33.3%
	All Years	21	31.6%	40.6%	16.0%	11.8%

Response options: '1', '2-5', '6-10', '11-50', 'Over 50'.

**How many ERAU graduates do you currently supervise?  
By Campus**

		Unwtd # of Respondents	Number of ERAU Graduates Currently Supervise		
			1	2-5	6-10
			Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	50.0%	50.0%	.0%
	2002	6	82.0%	18.0%	.0%
	2003	8	70.1%	29.9%	.0%
	2004	3	33.3%	33.3%	33.3%
	All Years	21	56.5%	31.7%	11.8%

Response options: '1', '2-5', '6-10', '11-50', 'Over 50'.

**Did you graduate from ERAU?  
By Campus**

		Unwtd # of Respondents	Supervisors Who Are Also ERAU Graduates	
			Yes	No
			Wtd Row %	Wtd Row %
Daytona Beach	2001	4	.0%	100.0%
	2002	6	.0%	100.0%
	2003	8	15.0%	85.0%
	2004	3	33.3%	66.7%
	All Years	21	15.8%	84.2%

Response options: 'Yes', 'No'.

**What is your level of involvement in the hiring of new workers?  
By Campus**

		Unwtd # of Respondents	Hiring involvement level		
			Make Final Decision	Provide Input	No Involvement
			Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	75.0%	25.0%	.0%
	2002	6	18.0%	46.1%	35.9%
	2003	8	76.6%	23.4%	.0%
	2004	3	100.0%	.0%	.0%
	All Years	21	71.7%	20.4%	7.9%

Response options: 'Make Final Decision', 'Provide Input', 'No Involvement'.

**What is your preference for hiring graduates?  
By Campus**

		Unwtd # of Respondents	Preference for Hiring Graduates			
			Strong Preference for ERAU Graduates	Some Preference for ERAU Graduates	No Preference	Some Preference for Other Graduates
			Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	.0%	75.0%	25.0%	.0%
	2002	5	.0%	21.9%	56.2%	21.9%
	2003	8	.0%	15.0%	76.6%	8.4%
	2004	3	33.3%	.0%	33.3%	33.3%
	All Years	20	12.3%	20.7%	48.3%	18.7%

Response options: 'Strong preference for other graduates', 'Some preference for other graduates', 'No preference', 'Some preference for ERAU graduates', 'Strong preference for ERAU graduates'.

**What preference do you have for multi-lingual candidates?  
By Campus**

		Unwtd # of Respondents	Preference for multi-lingual candidates	
			Some Preference	No Preference
			Wtd Row %	Wtd Row %
Daytona Beach	2003	8	8.4%	91.6%
	2004	3	33.3%	66.7%

New question as of the Class of 2003 survey.

Response options: 'Strong Preference', 'Some Preference', 'No Preference'.

**How important do you consider global awareness and international experience for new employees?  
By Campus**

		Unwtd # of Respondents	Importance of global awareness and international experience	
			Somewhat Important	Not Important
			Wtd Row %	Wtd Row %
Daytona Beach	2003	8	70.1%	29.9%
	2004	3	66.7%	33.3%

New question as of the Class of 2003 survey.

Response options: 'Very Important', 'Somewhat Important', 'Not Important'.

**What changes do you anticipate in your organization's need for aviation and aerospace professionals in the near future?  
By Campus**

		Unwtd # of Respondents	Anticipated changes to organization's need for av/aero professionals		
			Increased Need	No Changes	Decreased Need
			Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2002	5	78.1%	21.9%	.0%
	2003	8	38.3%	46.7%	15.0%
	2004	3	66.7%	33.3%	.0%
	All Years	16	59.8%	35.2%	5.0%

New question as of the Class of 2002 survey.

Response options: 'Increased Need', 'No Changes', 'Decreased Need'.

**The education of the graduate meets our company's needs  
By Campus**

		Unwtd # of Respondents	Education of ERAU Graduate Meets Company's Needs		
			Strongly Agree	Agree	Neutral
			Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	75.0%	25.0%	.0%
	2002	6	35.9%	64.1%	.0%
	2003	8	68.2%	23.4%	8.4%
	2004	3	66.7%	33.3%	.0%
	All Years	21	61.7%	36.1%	2.2%

Response options: 'Strongly Disagree', 'Disagree', 'Neutral', 'Agree', 'Strongly Agree'.

**He/she is a valuable employee  
By Campus**

		Unwtd # of Respondents	Graduate is a Valuable Employee	
			Strongly Agree	Agree
			Wtd Row %	Wtd Row %
Daytona Beach	2001	4	25.0%	75.0%
	2002	6	46.1%	53.9%
	2003	8	53.3%	46.7%
	2004	3	66.7%	33.3%
	All Years	21	51.9%	48.1%

Response options: 'Strongly Disagree', 'Disagree', 'Neutral', 'Agree', 'Strongly Agree'.

**He/she is a good candidate for promotion  
By Campus**

		Unwtd # of Respondents	Graduate is a Good Candidate for Promotion		
			Strongly Agree	Agree	Neutral
			Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	50.0%	50.0%	.0%
	2002	6	18.0%	82.0%	.0%
	2003	8	38.3%	53.3%	8.4%
	2004	3	66.7%	.0%	33.3%
	All Years	21	45.7%	40.3%	14.0%

Response options: 'Strongly Disagree', 'Disagree', 'Neutral', 'Agree', 'Strongly Agree'.

**Compared to graduates from other institutions, his/her knowledge and skill level is:  
By Campus**

		Unwtd # of Respondents	Skill Level of ERAU Graduate Compared to Graduates From Other Institutions			
			Much Higher	Somewhat Higher	Equivalent	Somewhat Lower
			Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	2001	4	.0%	25.0%	75.0%	.0%
	2002	6	18.0%	46.1%	35.9%	.0%
	2003	8	.0%	44.9%	55.1%	.0%
	2004	3	.0%	33.3%	33.3%	33.3%
	All Years	21	3.9%	37.9%	46.4%	11.8%

Employer Feedback Survey  
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Program Profile - BS Aerospace Engineering

ERAU General Skills Preparation and Usefulness on the Job

Daytona Beach

		Unwtd # of Respondents	BS Aerospace Engineering													
			Employer's Usefulness of Skill on the Job			Unwtd # of Respondents	Competence of this ERAU Graduate				Unwtd # of Respondents	Competence of Graduates from Other Institutions				
							Excellent Wtd Row %	Good Wtd Row %	Average Wtd Row %	Poor Wtd Row %		Excellent Wtd Row %	Good Wtd Row %	Average Wtd Row %	Poor Wtd Row %	Very Poor Wtd Row %
			Very Useful Wtd Row %	Somewhat Useful Wtd Row %	Not Useful Wtd Row %	Excellent Wtd Row %	Good Wtd Row %	Average Wtd Row %	Poor Wtd Row %	Excellent Wtd Row %	Good Wtd Row %	Average Wtd Row %	Poor Wtd Row %	Very Poor Wtd Row %		
Quantitative/mathematics	2001	4	50.0%	50.0%	.0%	4	50.0%	50.0%	.0%	.0%	4	25.0%	75.0%	.0%	.0%	.0%
	2002	6	64.1%	35.9%	.0%	6	17.9%	46.2%	35.9%	.0%	6	17.9%	46.2%	35.9%	.0%	.0%
	2003	8	38.3%	46.7%	15.0%	8	15.0%	76.6%	8.4%	.0%	8	15.0%	76.6%	8.4%	.0%	.0%
	2004	3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	.0%	3	33.3%	66.7%	.0%	.0%	.0%
	All Years	21	67.6%	28.3%	4.0%	21	39.4%	38.6%	21.9%	.0%	21	23.7%	66.1%	10.2%	.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	2001	4	100.0%	.0%	.0%	4	75.0%	25.0%	.0%	.0%	4	50.0%	50.0%	.0%	.0%	.0%
	2002	6	82.1%	17.9%	.0%	6	17.9%	64.1%	17.9%	.0%	6	.0%	64.1%	35.9%	.0%	.0%
	2003	8	100.0%	.0%	.0%	8	59.8%	40.2%	.0%	.0%	8	29.9%	61.7%	8.4%	.0%	.0%
	2004	3	100.0%	.0%	.0%	3	66.7%	33.3%	.0%	.0%	3	66.7%	33.3%	.0%	.0%	.0%
	All Years	21	96.1%	3.9%	.0%	21	55.4%	40.6%	3.9%	.0%	21	39.5%	50.4%	10.2%	.0%	.0%
Writing skills (non-technical)	2001	4	50.0%	50.0%	.0%	4	50.0%	25.0%	25.0%	.0%	4	.0%	75.0%	25.0%	.0%	.0%
	2002	6	46.2%	53.8%	.0%	5	21.9%	56.3%	21.9%	.0%	5	.0%	78.1%	21.9%	.0%	.0%
	2003	8	85.0%	15.0%	.0%	8	38.3%	46.7%	15.0%	.0%	8	.0%	76.6%	23.4%	.0%	.0%
	2004	3	33.3%	66.7%	.0%	3	33.3%	33.3%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	All Years	21	52.7%	47.3%	.0%	20	35.3%	40.0%	24.7%	.0%	20	12.3%	60.7%	27.0%	.0%	.0%
Technical writing	2001	4	100.0%	.0%	.0%	4	50.0%	25.0%	25.0%	.0%	4	.0%	50.0%	50.0%	.0%	.0%
	2002	6	64.1%	17.9%	17.9%	6	17.9%	64.1%	17.9%	.0%	6	.0%	64.1%	17.9%	17.9%	.0%
	2003	8	61.7%	38.3%	.0%	8	29.9%	31.8%	38.3%	.0%	8	8.4%	68.2%	23.4%	.0%	.0%
	2004	3	66.7%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	3	33.3%	.0%	66.7%	.0%	.0%
	All Years	21	70.0%	26.0%	3.9%	21	31.7%	38.4%	30.0%	.0%	21	14.0%	40.3%	41.7%	3.9%	.0%
Speaking before an audience	2001	4	50.0%	25.0%	25.0%	2	50.0%	50.0%	.0%	.0%	2	.0%	50.0%	.0%	50.0%	.0%
	2002	6	82.1%	17.9%	.0%	6	17.9%	46.2%	35.9%	.0%	6	17.9%	28.2%	35.9%	17.9%	.0%
	2003	7	34.7%	65.3%	.0%	7	32.7%	9.2%	41.8%	16.3%	7	.0%	32.7%	67.3%	.0%	.0%
	2004	3	33.3%	66.7%	.0%	3	66.7%	33.3%	.0%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	All Years	20	47.3%	48.6%	4.0%	18	44.0%	31.3%	20.3%	4.5%	18	17.5%	33.4%	40.3%	8.8%	.0%
Listening skills	2004	3	100.0%	.0%	.0%	3	33.3%	33.3%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	All Years	3	100.0%	.0%	.0%	3	33.3%	33.3%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	2001	4	100.0%	.0%	.0%	3	.0%	100.0%	.0%	.0%	3	.0%	66.7%	.0%	.0%	33.3%
Applied research (information gathering and analysis)	2002	6	53.8%	28.2%	17.9%	6	17.9%	64.1%	17.9%	.0%	6	.0%	64.1%	35.9%	.0%	.0%
	2003	7	51.0%	49.0%	.0%	7	32.7%	41.8%	25.5%	.0%	7	.0%	67.3%	16.3%	16.3%	.0%
	2004	3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	.0%	3	66.7%	33.3%	.0%	.0%	.0%
	All Years	20	77.3%	18.7%	4.0%	19	37.9%	38.6%	23.5%	.0%	19	25.1%	53.7%	12.7%	4.3%	4.2%
	Critical thinking	2001	4	75.0%	25.0%	.0%	4	.0%	100.0%	.0%	.0%	4	.0%	50.0%	50.0%	.0%
2002		6	100.0%	.0%	.0%	6	28.2%	53.8%	17.9%	.0%	6	10.3%	53.8%	35.9%	.0%	.0%
2003		7	100.0%	.0%	.0%	7	41.8%	32.7%	25.5%	.0%	7	9.2%	90.8%	.0%	.0%	.0%
2004		3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	.0%	3	33.3%	66.7%	.0%	.0%	.0%
All Years		20	96.0%	4.0%	.0%	20	41.0%	36.5%	22.5%	.0%	20	16.7%	67.2%	16.2%	.0%	.0%
Independent work	2001	4	75.0%	25.0%	.0%	3	33.3%	66.7%	.0%	.0%	3	.0%	100.0%	.0%	.0%	.0%
	2002	6	100.0%	.0%	.0%	6	28.2%	53.8%	17.9%	.0%	6	28.2%	17.9%	35.9%	17.9%	.0%
	2003	7	100.0%	.0%	.0%	7	74.5%	9.2%	16.3%	.0%	7	9.2%	58.2%	32.7%	.0%	.0%
	2004	3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	.0%	3	66.7%	.0%	33.3%	.0%	.0%
	All Years	20	96.0%	4.0%	.0%	19	55.5%	23.5%	21.1%	.0%	19	34.1%	32.1%	29.5%	4.2%	.0%
Planning, scheduling, and carrying out projects	2001	4	50.0%	25.0%	25.0%	3	33.3%	66.7%	.0%	.0%	3	.0%	66.7%	33.3%	.0%	.0%
	2002	6	82.1%	17.9%	.0%	6	17.9%	28.2%	53.8%	.0%	6	.0%	28.2%	71.8%	.0%	.0%
	2003	7	100.0%	.0%	.0%	7	32.7%	51.0%	16.3%	.0%	7	.0%	51.0%	49.0%	.0%	.0%
	2004	3	33.3%	66.7%	.0%	3	66.7%	.0%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	All Years	20	63.8%	32.2%	4.0%	19	42.1%	28.4%	29.5%	.0%	19	12.6%	41.0%	46.5%	.0%	.0%
Defining and solving problems	2001	4	75.0%	25.0%	.0%	4	25.0%	50.0%	25.0%	.0%	4	.0%	75.0%	25.0%	.0%	.0%
	2002	6	100.0%	.0%	.0%	6	35.9%	28.2%	35.9%	.0%	6	17.9%	28.2%	53.8%	.0%	.0%
	2003	7	100.0%	.0%	.0%	7	41.8%	41.8%	16.3%	.0%	7	9.2%	58.2%	32.7%	.0%	.0%
	2004	3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	.0%	3	66.7%	33.3%	.0%	.0%	.0%
	All Years	20	96.0%	4.0%	.0%	20	46.8%	25.0%	28.3%	.0%	20	30.4%	45.2%	24.4%	.0%	.0%
Working in groups/teams	2001	4	75.0%	25.0%	.0%	4	50.0%	25.0%	25.0%	.0%	4	25.0%	50.0%	25.0%	.0%	.0%
	2002	6	82.1%	17.9%	.0%	6	46.2%	17.9%	35.9%	.0%	6	10.3%	35.9%	53.8%	.0%	.0%
	2003	7	83.7%	16.3%	.0%	7	67.3%	32.7%	.0%	.0%	7	9.2%	90.8%	.0%	.0%	.0%
	2004	3	100.0%	.0%	.0%	3	66.7%	33.3%	.0%	.0%	3	66.7%	33.3%	.0%	.0%	.0%
	All Years	20	87.8%	12.2%	.0%	20	59.5%	28.4%	12.1%	.0%	20	32.8%	51.1%	16.2%	.0%	.0%
Leading/guiding others	2001	4	50.0%	.0%	50.0%	2	50.0%	50.0%	.0%	.0%	2	.0%	50.0%	50.0%	.0%	.0%
	2002	6	71.8%	28.2%	.0%	6	17.9%	17.9%	46.2%	17.9%	6	.0%	17.9%	64.1%	17.9%	.0%
	2003	7	74.5%	25.5%	.0%	7	41.8%	32.7%	9.2%	16.3%	7	9.2%	49.0%	41.8%	.0%	.0%
	2004	3	.0%	100.0%	.0%	3	33.3%	33.3%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	All Years	20	43.0%	48.9%	8.1%	18	33.4%	30.8%	26.9%	8.9%	18	15.6%	35.3%	44.7%	4.4%	.0%
Responsible actions and decision making	2001	4	50.0%	50.0%	.0%	4	25.0%	50.0%	25.0%	.0%	4	.0%	50.0%	25.0%	.0%	25.0%
	2002	6	100.0%	.0%	.0%	6	17.9%	64.1%	17.9%	.0%	6	.0%	64.1%	35.9%	.0%	.0%
	2003	7	100.0%	.0%	.0%	7	25.5%	49.0%	9.2%	16.3%	7	9.2%	65.3%	25.5%	.0%	.0%
	2004	3	33.3%	66.7%	.0%	3	66.7%	.0%	33.3%	.0%	3	33.3%	66.7%	.0%	.0%	.0%
	All Years	20	67.8%	32.2%	.0%	20	38.6%	34.8%	22.4%	4.1%	20	14.4%	63.1%	18.5%	.0%	4.0%
Ability to adapt to change	2004	3	66.7%	33.3%	.0%	3	66.7%	.0%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	All Years	3	66.7%	33.3%	.0%	3	66.7%	.0%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	2001	4	50.0%	25.0%	25.0%	3	33.3%	66.7%	.0%	.0%	3	.0%	66.7%	33.3%	.0%	.0%
Understanding other people and other points of view	2002	6	82.1%	17.9%	.0%	6	17.9%	64.1%	17.9%	.0%	6	.0%	82.1%	17.9%	.0%	.0%
	2003	7	100.0%	.0%	.0%	7	25.5%	58.2%	16.3%	.0%	7	9.2%	74.5%	16.3%	.0%	.0%
	2004	3	66.7%	33.3%	.0%	3	66.7%	.0%	33.3%	.0%	3	33.3%	33.3%	33.3%	.0%	.0%
	All Years	20	75.8%	20.1%	4.0%	19	40.2%	38.7%	21.1%	.0%	19	15.0%	59.8%	25.3%	.0%	.0%
	2001	4	25.0%	25.0%	50.0%	2	.0%	50.0%	50.0%	.0%	2	.0%	50.0%	50.0%	.0%	.0%
Environmental awareness	2002	6	17.9%	82.1%	.0%	6	17.9%	17.9%	64.1%	.0%	5	.0%	21.9%	78.1%	.0%	.0%
	2003	7	25.5%	41.8%	32.7%	6	.0%	50.0%	50.0%	.0%	6	.0%	69.5%	30.5%	.0%	.0%
	2004	3	.0%	66.7%	33.3%	2	50.0%	50.0%	.0%	.0%	2	50.0%	50.0%	.0%	.0%	.0%
	All Years	20	14.5%	57.1%	28.4%	16	21.2%	40.5%	38.3%	.0%	15	16.8%	48.5%	34.7%	.0%	.0%
	2001	4	25.0%	25.0%	50.0%	2	.0%	50.0%	50.0%	.0%	2	.0%	50.0%	50.0%	.0%	.0%
Political and economic awareness	2002	6	.0%	100.0%	.0%	6	.0%	35.9%	64.1%	.0%	5	.0%	21.9%	78.1%	.0%	.0%
	2003	7	16.3%	51.0%	32.7%	6	.0%	58.6%	41.4%	.0%	6	.0%	58.6%	41.4%	.0%	.0%
	2004	3	.0%	66.7%	33.3%	2	100.0%	.0%	.0%	.0%	2	50.0%	50.0%	.0%	.0%	.0%
	All Years	20	8.2%	63.5%	28.4%	16	31.8%	32.3%	35.9%	.0%	15	16.8%	45.3%	37.9%	.0%	.0%
	2002	6	.0%	82.1%	17.9%	6	.0%	35.9%	64.1%	.0%	5	.0%	21.9%	78.1%	.0%	.0%
Knowledge of political/physical geography	2003	7	16.3%	34.7%	49.0%	6	.0%	58.6%	41.4%	.0%						



Employer Feedback Survey  
Classes of 2001, 2002, 2003 & 2004, 1 1/2 Years After Graduation

Program Profile - BS Aerospace Engineering

ERAU Degree Specific Skills Preparation and Usefulness on the Job

Daytona Beach

		Unwtd # of Respondents	BS Aerospace Engineering													
			Usefulness of skill on the Job			Unwtd # of Respondents	Competence of this ERAU Graduate			Unwtd # of Respondents	Competence of other Graduates					
							(1) Very Good	(2) Good	(3) Average		(1) Very Good	(2) Good	(3) Average	(4) Poor		
			(2) Not Useful	(1) Very Good	(2) Good	(3) Average	(1) Very Good	(2) Good	(3) Average	(4) Poor						
			(1) Very Useful	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	
(A) Apply knowledge of math and science	2001	4	100.0%	.0%	.0%	4	75.0%	25.0%	.0%	4	.0%	100.0%	.0%	.0%		
	2002	4	72.0%	28.0%	.0%	4	.0%	44.0%	56.0%	4	.0%	16.0%	84.0%	.0%		
	2003	7	74.5%	25.5%	.0%	7	41.8%	32.7%	25.5%	7	25.5%	58.2%	16.3%	.0%		
	2004	3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	3	66.7%	33.3%	.0%	.0%		
	All Years	18	88.6%	11.4%	.0%	18	50.9%	20.3%	28.9%	18	33.2%	49.1%	17.7%	.0%		
(B) Design and conduct experiments	2001	4	25.0%	50.0%	25.0%	3	33.3%	33.3%	33.3%	3	.0%	66.7%	33.3%	.0%		
	2002	4	72.0%	28.0%	.0%	4	.0%	72.0%	28.0%	4	.0%	16.0%	56.0%	28.0%		
	2003	7	16.3%	67.3%	16.3%	6	39.0%	11.0%	50.0%	6	.0%	61.0%	39.0%	.0%		
	2004	3	33.3%	33.3%	33.3%	2	50.0%	50.0%	.0%	2	.0%	100.0%	.0%	.0%		
	All Years	18	33.3%	44.7%	22.0%	15	33.9%	40.1%	26.0%	15	.0%	66.0%	28.4%	5.6%		
(C) Analyze and interpret experimental data	2001	4	75.0%	25.0%	.0%	4	50.0%	50.0%	.0%	4	.0%	75.0%	25.0%	.0%		
	2002	4	72.0%	28.0%	.0%	4	.0%	72.0%	28.0%	4	.0%	16.0%	84.0%	.0%		
	2003	7	32.7%	51.0%	16.3%	6	39.0%	30.5%	30.5%	6	19.5%	61.0%	19.5%	.0%		
	2004	3	66.7%	33.3%	.0%	3	66.7%	.0%	33.3%	3	66.7%	.0%	33.3%	.0%		
	All Years	18	59.7%	35.9%	4.5%	17	46.0%	28.3%	25.6%	17	32.1%	31.1%	36.8%	.0%		
(D) Apply knowledge of aerodynamics	2001	4	50.0%	50.0%	.0%	4	.0%	100.0%	.0%	4	.0%	50.0%	50.0%	.0%		
	2002	4	72.0%	28.0%	.0%	4	.0%	44.0%	56.0%	3	.0%	22.2%	77.8%	.0%		
	2003	7	49.0%	51.0%	.0%	7	41.8%	25.5%	32.7%	7	32.7%	25.5%	41.8%	.0%		
	2004	3	66.7%	33.3%	.0%	3	33.3%	33.3%	33.3%	3	33.3%	66.7%	.0%	.0%		
	All Years	18	59.7%	40.3%	.0%	18	24.6%	44.6%	30.8%	17	23.1%	46.6%	30.4%	.0%		
(E) Apply knowledge of aircraft performance	2001	4	50.0%	25.0%	25.0%	3	.0%	100.0%	.0%	3	.0%	66.7%	33.3%	.0%		
	2002	4	.0%	72.0%	28.0%	2	.0%	36.4%	63.6%	3	.0%	61.1%	38.9%	.0%		
	2003	7	49.0%	41.8%	9.2%	6	53.9%	10.1%	36.0%	6	18.0%	36.0%	46.1%	.0%		
	2004	3	66.7%	33.3%	.0%	3	66.7%	.0%	33.3%	3	33.3%	33.3%	33.3%	.0%		
	All Years	18	48.4%	40.3%	11.3%	14	47.0%	21.6%	31.4%	15	19.8%	42.6%	37.6%	.0%		
(F) Apply knowledge of stability and control	2001	4	25.0%	50.0%	25.0%	3	.0%	66.7%	33.3%	3	.0%	66.7%	33.3%	.0%		
	2002	4	72.0%	28.0%	.0%	4	.0%	44.0%	56.0%	2	.0%	36.4%	63.6%	.0%		
	2003	7	49.0%	25.5%	25.5%	5	43.8%	34.2%	21.9%	5	.0%	65.8%	34.2%	.0%		
	2004	3	66.7%	33.3%	.0%	3	33.3%	33.3%	33.3%	2	50.0%	50.0%	.0%	.0%		
	All Years	18	55.3%	33.3%	11.4%	15	24.9%	40.4%	34.7%	12	19.6%	56.7%	23.6%	.0%		
(G) Apply knowledge of aerospace materials	2001	4	25.0%	75.0%	.0%	4	.0%	75.0%	25.0%	3	.0%	33.3%	66.7%	.0%		
	2002	4	.0%	44.0%	56.0%	2	.0%	36.4%	63.6%	2	.0%	36.4%	63.6%	.0%		
	2003	7	58.2%	32.7%	9.2%	7	25.5%	41.8%	32.7%	7	.0%	58.2%	41.8%	.0%		
	2004	3	.0%	100.0%	.0%	3	.0%	66.7%	33.3%	2	.0%	50.0%	50.0%	.0%		
	All Years	18	20.3%	68.4%	11.3%	16	7.7%	58.5%	33.8%	14	.0%	48.8%	51.2%	.0%		
(H) Apply knowledge of aircraft and spacecraft structures	2001	4	25.0%	50.0%	25.0%	3	.0%	66.7%	33.3%	3	.0%	66.7%	33.3%	.0%		
	2002	4	.0%	72.0%	28.0%	3	.0%	22.2%	77.8%	2	.0%	36.4%	63.6%	.0%		
	2003	7	90.8%	9.2%	.0%	7	41.8%	25.5%	32.7%	7	.0%	58.2%	41.8%	.0%		
	2004	3	33.3%	66.7%	.0%	3	33.3%	33.3%	33.3%	2	.0%	50.0%	50.0%	.0%		
	All Years	18	42.4%	48.8%	8.8%	16	26.9%	34.4%	38.6%	14	.0%	54.7%	45.3%	.0%		
(I) Apply knowledge of propulsion	2001	4	25.0%	50.0%	25.0%	3	.0%	100.0%	.0%	2	.0%	100.0%	.0%	.0%		
	2002	4	.0%	44.0%	56.0%	2	.0%	36.4%	63.6%	2	.0%	36.4%	63.6%	.0%		
	2003	7	32.7%	41.8%	25.5%	6	39.0%	41.4%	19.5%	6	.0%	69.5%	30.5%	.0%		
	2004	3	66.7%	.0%	33.3%	2	100.0%	.0%	.0%	2	50.0%	.0%	50.0%	.0%		
	All Years	18	39.6%	27.2%	33.3%	13	50.8%	36.4%	12.8%	12	20.2%	42.0%	37.8%	.0%		
(J) Apply knowledge of orbital mechanics	2001	4	.0%	25.0%	75.0%	1	.0%	.0%	100.0%	1	.0%	.0%	100.0%	.0%		
	2002	4	.0%	.0%	100.0%	2	.0%	36.4%	63.6%	2	.0%	36.4%	63.6%	.0%		
	2003	7	.0%	51.0%	49.0%	6	.0%	61.0%	39.0%	6	.0%	41.4%	58.6%	.0%		
	2004	3	.0%	.0%	100.0%	1	.0%	100.0%	.0%	1	.0%	100.0%	.0%	.0%		
	All Years	18	.0%	18.4%	81.6%	10	.0%	62.5%	37.5%	10	.0%	53.1%	46.9%	.0%		
(K) Apply knowledge of spacecraft dynamics	2001	4	.0%	50.0%	50.0%	2	.0%	.0%	100.0%	2	.0%	.0%	100.0%	.0%		
	2002	4	.0%	28.0%	72.0%	3	.0%	22.2%	77.8%	3	.0%	22.2%	77.8%	.0%		
	2003	7	32.7%	9.2%	58.2%	6	.0%	61.0%	39.0%	6	.0%	30.5%	69.5%	.0%		
	2004	3	.0%	.0%	100.0%	1	.0%	.0%	100.0%	1	.0%	.0%	100.0%	.0%		
	All Years	18	8.9%	15.7%	75.4%	12	.0%	29.4%	70.6%	12	.0%	16.9%	83.1%	.0%		
(L) Apply knowledge of control systems	2001	4	50.0%	25.0%	25.0%	3	33.3%	33.3%	33.3%	3	33.3%	33.3%	33.3%	.0%		
	2002	4	44.0%	56.0%	.0%	3	.0%	61.1%	38.9%	3	.0%	61.1%	38.9%	.0%		
	2003	7	32.7%	67.3%	.0%	7	32.7%	34.7%	32.7%	7	.0%	51.0%	49.0%	.0%		
	2004	3	66.7%	33.3%	.0%	3	33.3%	33.3%	33.3%	3	33.3%	33.3%	33.3%	.0%		
	All Years	18	50.9%	44.7%	4.4%	16	29.0%	37.2%	33.8%	16	19.2%	42.1%	38.7%	.0%		
(M) Apply knowledge of circuits, electronics, & instrument	2001	4	25.0%	50.0%	25.0%	3	.0%	.0%	100.0%	3	33.3%	33.3%	33.3%	.0%		
	2002	4	28.0%	72.0%	.0%	4	28.0%	44.0%	28.0%	4	.0%	16.0%	56.0%	28.0%		
	2003	7	16.3%	51.0%	32.7%	6	19.5%	41.4%	39.0%	6	.0%	50.0%	50.0%	.0%		
	2004	3	33.3%	33.3%	33.3%	2	50.0%	50.0%	.0%	2	50.0%	.0%	50.0%	.0%		
	All Years	18	26.4%	47.2%	26.5%	15	28.2%	37.8%	34.0%	15	22.4%	23.5%	48.4%	5.6%		
(N) Identify, formulate, and solve engineering problems	2001	4	100.0%	.0%	.0%	4	50.0%	50.0%	.0%	4	50.0%	50.0%	.0%	.0%		
	2002	4	100.0%	.0%	.0%	4	28.0%	16.0%	56.0%	4	.0%	16.0%	56.0%	28.0%		
	2003	7	100.0%	.0%	.0%	7	58.2%	16.3%	25.5%	7	16.3%	51.0%	32.7%	.0%		
	2004	3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	3	66.7%	33.3%	.0%	.0%		
	All Years	18	100.0%	.0%	.0%	18	55.3%	15.8%	28.9%	18	39.5%	38.4%	17.7%	4.4%		
(O) Use techniques, skills, tools necessary for eng practice	2001	4	100.0%	.0%	.0%	4	25.0%	75.0%	.0%	4	25.0%	75.0%	.0%	.0%		
	2002	4	100.0%	.0%	.0%	4	28.0%	44.0%	28.0%	4	.0%	44.0%	56.0%	.0%		
	2003	7	83.7%	16.3%	.0%	7	58.2%	32.7%	9.2%	7	25.5%	58.2%	16.3%	.0%		
	2004	3	100.0%	.0%	.0%	3	66.7%	.0%	33.3%	3	66.7%	.0%	33.3%	.0%		
	All Years	18	95.5%	4.5%	.0%	18	50.9%	29.0%	20.0%	18	37.6%	36.0%	26.4%	.0%		
(P) Design a/c system, component, or mission to meet needs	2001	4	75.0%	.0%	25.0%	3	33.3%	66.7%	.0%	3	.0%	100.0%	.0%	.0%		
	2002	4	28.0%	44.0%	28.0%	3	.0%	61.1%	38.9%	3	.0%	22.2%	38.9%	38.9%		
	2003	7	58.2%	32.7%	9.2%	7	25.5%	49.0%	25.5%	7	9.2%	65.3%	16.3%	9.2%		
	2004	3	.0%	66.7%	33.3%	2	.0%	50.0%	50.0%	2	.0%	.0%	100.0%	.0%		
	All Years	18	33.5%	42.1%	24.4%	15	14.6%	54.1%	31.4%	15	3.2%	43.0%	44.9%	8.8%		
(Q) Understand eng decisions on society/environment	2001	4	50.0%	25.0%	25.0%	3	.0%	66.7%	33.3%	3	.0%	33.3%	66.7%	.0%		
	2002	4	.0%	84.0%	16.0%	2	.0%	36.4%	63.6%	2	.0%	36.4%	63.6%	.0%		
	2003	7	25.5%	58.2%	16.3%	6	30.5%	19.5%	50.0%	6	.0%	30.5%	69.5%	.0%		
	2004	3	.0%	33.3%	66.7%	1	100.0%	.0%	.0%	1	.0%	100.0%	.0%	.0%		
	All Years	18	15.8%	46.6%	37.6%	12	35.8%	28.1%	36.1%	12	.0%	48.1%	51.9%	.0%		
(R) Understand professional and ethical responsibility	2001	4	100.0%	.0%	.0%	4	25.0%	50.0%	25.0%	4	25.0%	50.0%	25.0%	.0%		
	2002	4	72.0%	28.0%	.0%	4	28.0%	44.0%	28.0%	4	.0%	44.0%	56.0%	.0%		
	2003	7	100.0%	.0%	.0%	6	89.0%	11.0%	.0%	7	25.5%	41.8%	32.7%	.0%		
	2004	3	100.0%	.0%	.0%	3	33.3%	66.7%	.0%	3	33.3%	66.7%	.0%	.0%		
	All Years	18	95.6%	4.4%	.0%	17	44.3%	46.5%	9.2%	18	24.5%	53.4%	22.1%	.0%		
(S) Recognize need to continue professional development	2001	4	50.0%	50.0%	.0%	4	50.0%	50.0%	.0%	4	25.0%	50.0%	25.0%	.0%		
	2002	4	28.0%	72.0%	.0%	4	28.0%	16.0%	56.0%	4	.0%	44.0%	56.0%	.0%		
	2003	7	100.0%	.0%	.0%	6	69.0%	30.5%	.0%	7	41.8%	41.8%	16.3%	.0%		
	2004	3	66.7%	33.3%	.0%	3	66.7%	33.3%	.0%	3	66.7%	.0%	33.3%	.0%		
	All Years	18	66.8%	33.2%	.0%	17	57.9%	32.9%	9.2%	18	42.1%	27.2%	30.8%	.0%		

**Comments from the question "Considering this ERAU graduate, what strengths do you perceive in his/her degree program?" - Daytona Beach**

***Class of 2001***

Strong technical skills, good design background, solid writing skills, high achiever, motivated, well prepared for job market.

Good knowledge of mathematics and science and outstanding skills in the use of engineering tools such as computer software and database manipulation

(Name omitted) is in a conceptual aircraft design group. He has an excellent understanding of the process and all the disciplines required to do his job.

This graduate shows a very strong problem solving skills. He was maturity beyond his years of experience. When given a problem, he can see many of the potential issues that others with more experience do not see. He is able to understand the problem quickly, identify potential solutions and is not afraid to express his opinion on a technical issue.

***Class of 2002***

Taught him to work independently and within groups. Has an overall knowledge of the system and what the component requirements are.

Cares about the end product; team player; good background.

Critical Thinking, Problem Analysis, and Independent Problem Solution

Has good pragmatic aero skills.

All around competent engineering skills and good attitude/work ethic.

***Class of 2003***

(Name omitted) has broad based knowledge. He is able to apply to his work. He is dedicated and hardworking.

Computer based design/ analysis

Strong math and science background, excellent engineering problem solving skills.

- \* PC knowledge
- \*Writing skills
- \*Independent work
- \*Team work
- \*Planning & Completing projects
- \*Understanding/ Working with people
- \*Learning & Following processes
- \*Engineering background

Attention to detail and strong work ethic, able to pick up concepts quickly

***Class of 2004***

I think that the size of my ERAU data sample is too small to actually answer this survey. That said, (name omitted) is driving to be a leader of people instead of a technical expert. He is doing several things that will help in develop these leadership skills more

Engineering foundation is solid. Displays innovation and creativity in current position.

- Understands aviation principles.
- Strong engineering talent.
- Motivation towards Aeronautics.

**Comments from the question "Considering this ERAU graduate, what weaknesses do you perceive in his/her degree program?" - Daytona Beach**

***Class of 2001***

None, only weakness is lack of experience. (Name omitted) is an excellent engineer who will become even better within the next 5 years.

Technical writing, preparing the student to work in teams, and communication skills

If there is a weakness, it is his knowledge of electronics and circuit design. With many of the designs of aircraft relying more and more on electronics, a better understanding of electronics would be helpful. His knowledge of control theory has helped him significantly but a better understanding of electronics would round out his excellent education.

***Class of 2002***

None at this time.

Communication/Public Speaking

***Class of 2003***

None that I am aware of at this time.

professionalism/ ethics

I noted no weaknesses in the degree program.

\*We are a systems/ software engineering company so this graduate lacked the system processes that other graduates have.

***Class of 2004***

Stability and control is very important in my discipline. (Name omitted) could not adequately explain the short period or Dutch roll mode, which surprised me from an aerospace engineer.

None

-None- See 18 Below