Employer Feedback Survey
Classes of 2002, 2003, 2004 & 2005, 1 1/2 Years After Graduation

Program Profile
BS Engineering Physics

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This Program Profile contains Employer Feedback Survey results for this degree program only, for the Classes of 2002, 2003, 2004 & 2005. 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 Engineering Physics				
	2002	2003	2004	2005	All Years
Daytona Beach	2	2	1	1	6

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

	Unwtd # of Respondents	Less than 1 year Wtd Row %	1-2 years Wtd Row %
Daytona Beach	6	63.2%	36.8%

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
All Years Combined

		Daytona Beach
Unwtd # of Respondents		6
Aerospace industry	Wtd Col %	22.5%
Government	Wtd Col %	28.1%
Military	Wtd Col %	49.4%

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
All Years Combined

	Unwtd # of Respondents	Closely related Wtd Col %	Somewhat related Wtd Col %
Daytona Beach	6	80.1%	19.9%

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
All Years Combined

	Unwtd # of Respondents	Number of ERAU Graduates Know Professionally		
		1	2-5	11-50
		Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	6	34.3%	57.6%	8.2%

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

How many ERAU graduates do you currently supervise?
By Campus
All Years Combined

	Unwtd # of Respondents	Number of ERAU Graduates Currently Supervise	
		1	2-5
		Wtd Row %	Wtd Row %
Daytona Beach	6	48.6%	51.4%

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

Did you graduate from ERAU?
By Campus
All Years Combined

	Unwtd # of Respondents	Supervisors Who Are Also ERAU Graduates
		No
		Wtd Row %
Daytona Beach	6	100.0%

Response options: 'Yes', 'No'.

What is your level of involvement in the hiring of new workers?
By Campus
All Years Combined

	Unwtd # of Respondents	Hiring involvemnet level		
		Make Final Deciaiton	Provide Input	No Involvement
		Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	6	42.4%	43.3%	14.3%

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

What is your preference for hiring graduates?
By Campus
All Years Combined

	Unwtd # of Respondents	Preference for Hiring Graduates	
		No Preference	Some Preference for Other Graduates
		Wtd Row %	Wtd Row %
Daytona Beach	5	83.3%	16.7%

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
All Years Combined

	Unwtd # of Respondents	Preference for multi-lingual candidates	
		Strong Preference	Some Preference
		Wtd Row %	Wtd Row %
Daytona Beach	4	72.1%	27.9%

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
All Years Combined

	Unwtd # of Respondents	Importance of global awareness and international experience
		Somewhat Important
		Wtd Row %
Daytona Beach	4	100.0%

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
All Years Combined

	Unwtd # of Respondents	Anticipated changes to organization's need for av/aero professionals	
		Increased Need	No Changes
		Wtd Row %	Wtd Row %
Daytona Beach	5	9.5%	90.5%

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
All Years Combined

	Unwtd # of Respondents	Education of ERAU Graduate Meets Company's Needs	
		Strongly Agree	Agree
		Wtd Row %	Wtd Row %
Daytona Beach	5	84.4%	15.6%

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

He/she is a valuable employee
By Campus
All Years Combined

	Unwtd # of Respondents	Graduate is a Valuable Employee	
		Strongly Agree	Agree
		Wtd Row %	Wtd Row %
Daytona Beach	5	84.4%	15.6%

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

He/she is a good candidate for promotion
By Campus
All Years Combined

	Unwtd # of Respondents	Graduate is a Good Candidate for Promotion	
		Strongly Agree	Agree
		Wtd Row %	Wtd Row %
Daytona Beach	5	84.4%	15.6%

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

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

	Unwtd # of Respondents	Skill Level of ERAU Graduate Compared to Graduates From Other Institutions	
		Somewhat Higher	Equivalent
		Wtd Row %	Wtd Row %
Daytona Beach	6	35.1%	64.9%

ERAU General Skills Preparation and Usefulness on the Job

Daytona Beach BS Engineering Physics

	Unwtd #	Employer's Usefulness of Skill on the Job			Unwtd #	Competence of this ERAU Graduate				Unwtd #	Competence of Graduates from Other Institutions			
		Very Useful	Somewhat Useful	Not Useful		Excellent	Good	Average	Poor		Excellent	Good	Average	Poor
		Wtd %	Wtd %	Wtd %		Wtd %	Wtd %	Wtd %	Wtd %		Wtd %	Wtd %	Wtd %	Wtd %
Quantitative/mathematics	6	91.7%	8.3%	.0%	6	42.5%	43.2%	.0%	14.3%	4	19.9%	19.9%	60.2%	.0%
Basic PC software (word processing, spreadsheets, etc.)	6	45.1%	54.9%	.0%	6	45.1%	20.0%	34.9%	.0%	4	19.9%	.0%	80.1%	.0%
Writing skills (non-technical)	6	22.5%	77.5%	.0%	6	.0%	50.8%	49.2%	.0%	4	.0%	.0%	80.1%	19.9%
Technical writing	6	85.7%	14.3%	.0%	6	.0%	85.7%	.0%	14.3%	4	.0%	19.9%	60.2%	19.9%
Speaking before an audience	6	91.7%	8.3%	.0%	6	8.3%	34.9%	42.5%	14.3%	4	.0%	48.7%	51.3%	.0%
Applied research (information gathering and analysis)	6	56.8%	43.2%	.0%	6	34.3%	34.9%	16.5%	14.3%	4	.0%	88.5%	11.5%	.0%
Critical thinking	6	42.5%	57.5%	.0%	6	20.0%	57.5%	22.5%	.0%	4	.0%	19.9%	80.1%	.0%
Independent work	6	50.8%	49.2%	.0%	6	8.3%	42.5%	34.9%	14.3%	4	.0%	68.6%	31.4%	.0%
Planning, scheduling, and carrying out projects	6	30.8%	69.2%	.0%	6	16.5%	34.3%	49.2%	.0%	4	.0%	.0%	100.0%	.0%
Defining and solving problems	6	85.7%	14.3%	.0%	6	34.3%	16.5%	49.2%	.0%	4	.0%	19.9%	80.1%	.0%
Working in groups/teams	6	50.8%	49.2%	.0%	6	42.5%	14.3%	43.2%	.0%	4	.0%	68.6%	31.4%	.0%
Leading/guiding others	6	22.5%	77.5%	.0%	6	.0%	22.5%	63.2%	14.3%	4	.0%	19.9%	80.1%	.0%
Responsible actions and decision making	6	42.5%	57.5%	.0%	6	.0%	100.0%	.0%	.0%	4	.0%	68.6%	31.4%	.0%
Understanding other people and other points of view	6	22.5%	77.5%	.0%	6	.0%	77.5%	22.5%	.0%	4	.0%	68.6%	31.4%	.0%
Environmental awareness	6	.0%	65.7%	34.3%	4	.0%	65.7%	34.3%	.0%	3	.0%	60.8%	39.2%	.0%
Political and economic awareness	6	8.3%	57.5%	34.3%	4	12.6%	53.1%	34.3%	.0%	3	.0%	60.8%	39.2%	.0%

ERAU Preparation response options for the Class of 2003: '1=Excellent', '2=Good', '3=Average', '4=Poor', '5=Very Poor'.

Competence response options for the Class of 2001 and 2002 survey: '1=Very Good', '2=Good', '3=Average', '4=Poor', '5=Very Poor'.

Usefulness response options: '1=Very Useful', '2=Somewhat Useful', '3=Not Useful'

ERAU Degree Specific Skills Preparation and Usefulness on the Job

Daytona Beach BS Engineering Physics

	Unwtd #	Competence of this ERAU Graduate				Unwtd #	Competence of other Graduates				Unwtd #	Usefulness of skill on the Job		
		(1) Very Good	(2) Good	(3) Average	(4) Poor		(1) Very Good	(2) Good	(3) Average	(4) Poor		(1) Very Useful	(2) Somewhat Useful	(3) Not Useful
		Wtd %	Wtd %	Wtd %	Wtd %		Wtd %	Wtd %	Wtd %	Wtd %		Wtd %	Wtd %	Wtd %
(A) Apply knowledge of math/sci/eng	6	42.5%	43.2%	14.3%	.0%	4	19.9%	.0%	80.1%	.0%	6	100.0%	.0%	.0%
(B) Design and conduct experiments	6	14.3%	51.4%	34.3%	.0%	4	19.9%	19.9%	60.2%	.0%	6	45.1%	20.0%	34.9%
(C) Analyze and interpret data	6	34.3%	16.5%	34.9%	14.3%	4	.0%	19.9%	80.1%	.0%	6	65.1%	34.9%	.0%
(D) Design sys/comp/pro to meet needs	6	.0%	30.8%	69.2%	.0%	4	.0%	19.9%	60.2%	19.9%	6	36.8%	63.2%	.0%
(E) Function of multi-disciplinary teams	6	22.5%	69.2%	8.3%	.0%	4	.0%	19.9%	80.1%	.0%	6	45.1%	54.9%	.0%
(F) Identify, formulate, and solve eng problems	6	34.3%	16.5%	49.2%	.0%	4	.0%	19.9%	31.4%	48.7%	6	50.8%	49.2%	.0%
(G) Understand prof/ethical responsibility	6	42.5%	8.3%	49.2%	.0%	4	19.9%	.0%	31.4%	48.7%	6	50.8%	14.3%	34.9%
(H) Communicate effectively	6	8.3%	42.5%	49.2%	.0%	4	.0%	19.9%	31.4%	48.7%	6	50.8%	49.2%	.0%
(I) Understand the impact of eng solutions	4	.0%	100.0%	.0%	.0%	3	.0%	24.9%	75.1%	.0%	6	16.5%	14.3%	69.2%
(J) Recognize/engage in life-long learning	6	42.5%	43.2%	14.3%	.0%	4	19.9%	.0%	80.1%	.0%	6	30.8%	69.2%	.0%
(K) Knowledge of contemporary issues	5	.0%	38.5%	61.5%	.0%	4	.0%	19.9%	80.1%	.0%	6	8.3%	36.8%	54.9%
(L) Use of eng tools engineering practice	6	22.5%	63.2%	14.3%	.0%	4	19.9%	.0%	80.1%	.0%	6	77.5%	22.5%	.0%
(M) Knowledge of classical mechanics	6	.0%	50.8%	49.2%	.0%	4	.0%	19.9%	60.2%	19.9%	6	71.7%	28.3%	.0%
(N) Knowledge of eng electricity and magnetism	6	34.3%	16.5%	49.2%	.0%	4	.0%	19.9%	80.1%	.0%	6	69.2%	30.8%	.0%
(O) Knowledge of space physics	6	22.5%	28.3%	34.9%	14.3%	4	.0%	19.9%	60.2%	19.9%	6	71.7%	28.3%	.0%
(P) Knowledge of quantum physics	4	28.1%	71.9%	.0%	.0%	3	24.9%	.0%	75.1%	.0%	6	14.3%	36.5%	49.2%
(Q) Knowledge of space sys eng/design	5	16.7%	42.6%	40.7%	.0%	3	.0%	24.9%	14.4%	60.8%	6	57.5%	28.3%	14.3%
(R) Knowledge of electro-optical engineering	5	.0%	49.6%	50.4%	.0%	3	.0%	24.9%	14.4%	60.8%	6	69.2%	8.3%	22.5%
(S) Knowledge of microcomputers/elect instrument	6	28.6%	16.5%	54.9%	.0%	4	19.9%	.0%	31.4%	48.7%	6	28.6%	71.4%	.0%

ERAU Preparation response options for the Class of 2003: '1=Excellent', '2=Good', '3=Average', '4=Poor', '5=Very Poor'.
ERAU Preparation response options for the Class of 2001 and 2002 survey: '1=Very Good', '2=Good', '3=Average', '4=Poor', '5=Very Poor'.
ERAU Preparation response options for the Class of 2000 survey: '1=Excellent', '2=Very Good', '3=Good', '4=Fair', '5=Poor'.
Usefulness response options: '1=Very Useful', '2=Somewhat Useful', '3=Not Useful'