Employer Feedback Survey

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

Program Profile
BS Safety Science

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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 Safety Science			
	2001	2003	2004	All Years
Daytona Beach	1	3	1	5

**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	1-2 years
		Wtd Row %	Wtd Row %
Daytona Beach	5	61.6%	38.4%

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		4
Aerospace	Wtd Col %	55.5%
Other	Wtd Col %	16.0%
Other	Wtd Col %	28.5%

**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	Somewhat related
		Wtd Col %	Wtd Col %
Daytona Beach	5	47.8%	52.2%

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	6-10	11-50
		Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	5	13.8%	38.4%	47.8%

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	5	38.4%	61.6%

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	
		Yes	No
		Wtd Row %	Wtd Row %
Daytona Beach	5	34.0%	66.0%

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
		Wtd Row %
Daytona Beach	5	100.0%

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	
		Strong Preference for ERAU Graduates	No Preference
		Wtd Row %	Wtd Row %
Daytona Beach	5	38.4%	61.6%

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	
		Some Preference	No Preference
		Wtd Row %	Wtd Row %
Daytona Beach	4	32.1%	67.9%

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		
		Very Important	Somewhat Important	Not Important
		Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	4	16.0%	55.4%	28.5%

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
		No Changes
		Wtd Row %
Daytona Beach	4	100.0%

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
All Years Combined

	Unwtd # of Respondents	Education of ERAU Graduate Meets Company's Needs	
		Strongly Agree	Agree
		Wtd Row %	Wtd Row %
Daytona Beach	5	72.3%	27.7%

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
		Wtd Row %
Daytona Beach	5	100.0%

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	86.2%	13.8%

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		
		Much Higher	Somewhat Higher	Equivalent
		Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	5	24.6%	61.6%	13.8%

ERAU General Skills Usefulness on the Job and Competence of Graduates
All Years Combined

Daytona Beach

	BS Safety Science												
		Employer's Usefulness of Skill on the Job				Competence of this ERAU Graduate				Competence of Graduates from Other Institutions			
	Unwtd # of Respondents	Very Useful	Somewhat Useful	Not Useful	Unwtd # of Respondents	Excellent	Good	Average	Unwtd # of Respondents	Excellent	Good	Average	Poor
		Wtd Row %	Wtd Row %	Wtd Row %		Wtd Row %	Wtd Row %	Wtd Row %		Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	5	41.6%	58.4%	.0%	5	24.7%	41.6%	33.8%	3	.0%	33.3%	66.7%	.0%
Basic PC software (word processing, spreadsheets, etc.)	5	100.0%	.0%	.0%	5	86.1%	13.9%	.0%	3	33.3%	33.3%	33.3%	.0%
Writing skills (non-technical)	5	86.1%	13.9%	.0%	5	72.3%	13.9%	13.9%	3	.0%	.0%	66.7%	33.3%
Technical writing	5	47.6%	52.4%	.0%	5	58.4%	27.7%	13.9%	3	.0%	.0%	100.0%	.0%
Speaking before an audience	5	86.1%	13.9%	.0%	4	67.8%	16.1%	16.1%	3	.0%	.0%	66.7%	33.3%
Listening skills	1	100.0%	.0%	.0%	1	100.0%	.0%	.0%	0	.0%	.0%	.0%	.0%
Applied research (information gathering and analysis)	5	100.0%	.0%	.0%	5	72.3%	27.7%	.0%	3	.0%	.0%	100.0%	.0%
Critical thinking	5	66.2%	33.8%	.0%	5	58.4%	27.7%	13.9%	3	.0%	.0%	100.0%	.0%
Independent work	5	100.0%	.0%	.0%	5	72.3%	13.9%	13.9%	3	.0%	.0%	100.0%	.0%
Planning, scheduling, and carrying out projects	5	100.0%	.0%	.0%	5	72.3%	13.9%	13.9%	3	.0%	.0%	100.0%	.0%
Defining and solving problems	5	66.2%	33.8%	.0%	5	72.3%	13.9%	13.9%	3	.0%	.0%	100.0%	.0%
Working in groups/teams	5	86.1%	13.9%	.0%	5	72.3%	13.9%	13.9%	3	.0%	.0%	100.0%	.0%
Leading/guiding others	5	27.7%	72.3%	.0%	5	24.7%	61.5%	13.9%	3	.0%	.0%	100.0%	.0%
Responsible actions and decision making	5	100.0%	.0%	.0%	5	58.4%	27.7%	13.9%	3	.0%	.0%	100.0%	.0%
Ability to adapt to change	1	100.0%	.0%	.0%	1	100.0%	.0%	.0%	0	.0%	.0%	.0%	.0%
Understanding other people and other points of view	5	100.0%	.0%	.0%	5	58.4%	41.6%	.0%	3	.0%	.0%	100.0%	.0%
Environmental awareness	5	.0%	100.0%	.0%	5	24.7%	47.6%	27.7%	3	.0%	.0%	66.7%	33.3%
Political and economic awareness	5	47.6%	38.5%	13.9%	4	67.8%	16.1%	16.1%	2	.0%	.0%	100.0%	.0%
Knowledge of political/physical geography	4	16.1%	83.9%	.0%	4	28.6%	55.3%	16.1%	2	.0%	.0%	50.0%	50.0%

ERAU Preparation response options for the Class of 2003 and 2004 survey: 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 Usefulness on the Job and Competence of Graduates
All Years Combined

Daytona Beach

| | BS Safety Science | | | | | | | | | | | | |
| | Usefulness of skill on the Job | | | | Competence of this ERAU Graduate | | | | Competence of other Graduates | | | |
	Unwtd # of Respondents	(1) Very Useful Wtd Row %	(2) Somewhat Useful Wtd Row %	(3) Not Useful Wtd Row %	Unwtd # of Respondents	(1) Very Good Wtd Row %	(2) Good Wtd Row %	(3) Average Wtd Row %	Unwtd # of Respondents	(1) Very Good Wtd Row %	(2) Good Wtd Row %	(3) Average Wtd Row %	(4) Poor Wtd Row %
(A) Knowledge/app of OHSA safety regs for industry	3	77.5%	22.5%	.0%	3	54.9%	45.1%	.0%	3	.0%	77.5%	22.5%	.0%
(B) Analyze/apply sys safety techs/reliability concepts	3	77.5%	22.5%	.0%	3	54.9%	45.1%	.0%	2	.0%	100.0%	.0%	.0%
(C) Analysis/app capability in a/c accident investigation	3	22.5%	54.9%	22.5%	2	29.1%	.0%	70.9%	1	.0%	100.0%	.0%	.0%
(D) Analysis/app capability in a/c crash survival analysis	3	.0%	54.9%	45.1%	1	.0%	.0%	100.0%	1	.0%	.0%	100.0%	.0%
(E) Know/anal/app/ capability in a/c power plant acdt inv	3	.0%	22.5%	77.5%	1	.0%	100.0%	.0%	0	.0%	.0%	.0%	.0%
(F) Know/anal/app/ capability in safety program mgmnt	3	77.5%	22.5%	.0%	3	22.5%	77.5%	.0%	2	.0%	29.1%	70.9%	.0%
(G) Ability to work in teams	3	100.0%	.0%	.0%	3	77.5%	22.5%	.0%	2	70.9%	.0%	29.1%	.0%
(H) Ability to write and formulate a technical report	3	100.0%	.0%	.0%	3	77.5%	22.5%	.0%	2	.0%	70.9%	29.1%	.0%
(I) Professional presentation skills	3	100.0%	.0%	.0%	3	54.9%	45.1%	.0%	2	.0%	70.9%	29.1%	.0%
(J) Comp in airport's compliance w/ federal safety regs	3	.0%	22.5%	77.5%	1	.0%	100.0%	.0%	0	.0%	.0%	.0%	.0%
(K) Develop, test and maintain an airport emergency plan	3	.0%	22.5%	77.5%	0	.0%	.0%	.0%	0	.0%	.0%	.0%	.0%
(L) Knowledge of Aircraft Rescue and Fire Fighting	3	.0%	77.5%	22.5%	2	.0%	29.1%	70.9%	1	.0%	.0%	100.0%	.0%
(M) Ability to id/explain legal issues in health/safety	3	22.5%	77.5%	.0%	3	.0%	45.1%	54.9%	2	.0%	29.1%	70.9%	.0%
(N) Apply fail processes a/c to determine accidents causes	3	77.5%	.0%	22.5%	2	.0%	100.0%	.0%	1	.0%	.0%	.0%	100.0%
(O) Ability to analyze HF issues in accidents	3	77.5%	.0%	22.5%	2	.0%	100.0%	.0%	1	.0%	.0%	100.0%	.0%

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

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

Class of 2003
Crtitical thinking skilss- very good.

The position involves aviation insurance, so an aviation background, math, computer skills, accident investigation etc are all very beneficial.

Very organized. Good safety knowledge. Need environemtnal knowledge so we use her in combined environmental, health ans safety role. Excellent writing skills, good speaker. Exceeds on written skill compared to many graduates.

Class of 2004
-Understanding and application of system safety analytical processes
-Technical writing and presentation skills
-Research, analysis and investigation skills.
-Teamwork and ability to be adaptable to change.

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

Class of 2003
none

An insurance & / or legal course would be beneficial.

The lack of environmental training/ knowledge only.

Class of 2004
-Lack of broad base of applicable system safety guidance documents to facilitate various analyses, assessments, and safety conclusions associated with new/changing designs.
-Lack of practical exercises with conducting various safety analyses for new design