

Employer Feedback Survey

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

Program Profile BS Computer Science

Prepared by:

Kimberly Brantley
Office of Institutional Research
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 Computer Science			
	2001	2002	2003	All Years
Daytona Beach	1	1	1	3

**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	3	33.1%	66.9%

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
All Years Combined**

		Daytona Beach
Unwtd # of Respondents		3
Aerospace	Wtd Col %	66.6%
Computer	Wtd Col %	33.4%

**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	Somewhat related
		Wtd Col %	Wtd Col %
Daytona Beach	3	66.9%	33.1%

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
All Years Combined**

	Unwtd # of Respondents	Number of ERAU Graduates Know Professionally	
		6-10	11-50
		Wtd Row %	Wtd Row %
Daytona Beach	3	33.5%	66.5%

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	6-10
		Wtd Row %	Wtd Row %	Wtd Row %
Daytona Beach	3	33.1%	33.5%	33.4%

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	3	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 involvement level	
		Make Final Decision	Provide Input
		Wtd Row %	Wtd Row %
Daytona Beach	3	66.9%	33.1%

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	3	66.5%	33.5%

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

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	3	66.6%	33.4%

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	3	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
		Agree
		Wtd Row %
Daytona Beach	3	100.0%

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

**Compared to graduates from other institutions, his/her
knowledge and skill level is:
By Campus
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	3	66.5%	33.5%

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

Daytona Beach

	BS Computer Science										
	Unwtd # of Respond ents	Employer's Usefulness of Skill on the Job		Unwtd # of Respond ents	Competence of this ERAU Graduate			Unwtd # of Respond ents	Competence of Graduates from Other Institutions		
		Very Useful	Somew hat Useful		Excellent	Good	Average		Excellent	Good	Average
		Wtd Row %	Wtd Row %		Wtd Row %	Wtd Row %	Wtd Row %		Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	2	50.4%	49.6%	2	50.4%	49.6%	.0%	2	50.4%	49.6%	.0%
Basic PC software (word processing, spreadsheets, etc.)	3	66.9%	33.1%	3	33.7%	66.3%	.0%	2	.0%	100.0%	.0%
Writing skills (non-technical)	2	50.4%	49.6%	2	.0%	100.0%	.0%	2	.0%	100.0%	.0%
Technical writing	2	100.0%	.0%	2	.0%	100.0%	.0%	2	.0%	100.0%	.0%
Speaking before an audience	2	100.0%	.0%	2	.0%	49.6%	50.4%	2	.0%	100.0%	.0%
Applied research (information gathering and analysis)	2	100.0%	.0%	2	.0%	49.6%	50.4%	2	.0%	49.6%	50.4%
Critical thinking	3	100.0%	.0%	3	.0%	66.3%	33.7%	2	.0%	100.0%	.0%
Independent work	3	100.0%	.0%	3	33.1%	33.1%	33.7%	2	.0%	100.0%	.0%
Planning, scheduling, and carrying out projects	2	100.0%	.0%	2	.0%	49.6%	50.4%	2	.0%	49.6%	50.4%
Defining and solving problems	3	100.0%	.0%	3	33.1%	66.9%	.0%	2	.0%	100.0%	.0%
Working in groups/teams	3	100.0%	.0%	3	66.3%	33.7%	.0%	2	.0%	100.0%	.0%
Leading/guiding others	3	66.9%	33.1%	3	33.1%	33.1%	33.7%	2	.0%	49.6%	50.4%
Responsible actions and decision making	3	100.0%	.0%	3	66.3%	.0%	33.7%	2	.0%	100.0%	.0%
Understanding other people and other points of view	3	100.0%	.0%	3	.0%	66.3%	33.7%	2	.0%	100.0%	.0%
Environmental awareness	2	50.4%	49.6%	1	.0%	.0%	100.0%	2	.0%	100.0%	.0%
Political and economic awareness	3	33.1%	66.9%	2	.0%	.0%	100.0%	2	.0%	100.0%	.0%
Knowledge of political/physical geography	1	.0%	100.0%	1	.0%	.0%	100.0%	1	.0%	100.0%	.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 Computer Science											
	Unwtd # of Respond ents	Usefulness of skill on the Job			Unwtd # of Respond ents	Competence of this ERAU Graduate			Unwtd # of Respond ents	Competence of other Graduates		
		(1) Very Useful	(2) Somew hat Useful	(3) Not Useful		(1) Very Good	(2) Good	(3) Average		(1) Very Good	(2) Good	(3) Average
		Wtd Row %	Wtd Row %	Wtd Row %		Wtd Row %	Wtd Row %	Wtd Row %		Wtd Row %	Wtd Row %	Wtd Row %
(A) Understand/apply program concepts to software mods	2	49.6%	50.4%	.0%	2	49.6%	50.4%	.0%	2	.0%	49.6%	50.4%
(B) Understand/apply algorithm con/tech to software mods	3	66.3%	.0%	33.7%	3	.0%	66.3%	33.7%	2	.0%	49.6%	50.4%
(C) Understand/apply data structures theory to software mods	2	49.6%	.0%	50.4%	2	.0%	49.6%	50.4%	2	.0%	49.6%	50.4%
(D) Apply theory mod/abstract/info to design of sw sys	2	49.6%	.0%	50.4%	1	.0%	.0%	100.0%	2	.0%	49.6%	50.4%
(E) Understand fundamental concepts of computer org/arch	3	66.3%	33.7%	.0%	3	66.3%	33.7%	.0%	2	.0%	49.6%	50.4%
(F) Understand concepts of real-time computing	2	49.6%	50.4%	.0%	2	49.6%	50.4%	.0%	2	.0%	49.6%	50.4%
(G) Understand theory and use of operating systems	3	66.3%	33.7%	.0%	3	66.3%	33.7%	.0%	2	.0%	49.6%	50.4%
(H) Apply SE concepts specify/design/construct/test product	3	33.1%	33.1%	33.7%	2	49.6%	.0%	50.4%	2	.0%	49.6%	50.4%
(I) Understand interrelationship btw computer hw/sw fund	3	66.3%	33.7%	.0%	3	66.3%	33.7%	.0%	2	.0%	49.6%	50.4%
(J) Apply concepts/methods/tools to solution SE problems	2	49.6%	.0%	50.4%	2	.0%	49.6%	50.4%	2	.0%	49.6%	50.4%
(K) Use life-cycle processes to produce sys that meet rqmts	2	49.6%	.0%	50.4%	2	49.6%	.0%	50.4%	2	.0%	.0%	100.0%
(L) Understand professional and ethical responsibilities	3	100.0%	.0%	.0%	3	33.7%	66.3%	.0%	2	50.4%	.0%	49.6%
(M) Understand importance of life-long learning	3	66.9%	33.1%	.0%	3	33.7%	66.3%	.0%	2	50.4%	.0%	49.6%

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'

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

Class of 2002

Excellent understanding of operating system and system networking

Class of 2003

(Name omitted) degree in computing does help him understand some of our complicated systems quicker than the average engineer. Good technical background.

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

Class of 2003

Potential improvements could be made in regards to decision making and leadership.