EMPLOYER FEEDBACK SURVEY

APPENDIX E16

Major Profile BS Engineering Physics

Employers of the Class of 2000 Graduates One and One Half Years After Receiving Their ERAU Degree

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This major profile contains Employer Feedback Survey results for this degree program only, for the current year and the last three years combined. The combined data may be especially useful to programs that have a small number of respondents for the class of 2000. Almost every question from the instrument is included. In order to conserve space, the following abbreviations for each of the campuses are used: DB (Daytona Beach Campus), PC (Prescott Campus), EC (Extended Campus), and ALL (all campuses combined).

Percentages in the data tables have been weighted to ensure representation of all graduates from each class, however the number of responses has been left unweighted. Please use caution when interpreting results for degree programs with a small number of respondents. Results based on very few respondents may not be representative and/or are prone to fluctuation.

Employer comments have been provided to the Chancellors at each campus for distribution to individual departments and degree programs.

Demographics of ERAU Employees By Year of Graduation

		BS Engineering Physics				
	_		1998	1999	2000	All Years
DB	Gender	# of Responses	1	3	1	5
		Female	100.0%	27.0%	100.0%	65.9%
		Male	.0%	73.0%	.0%	34.1%

Number of ERAU Graduates Employers Know Professionally

	BS Engineering Physics		
	Class of 2000	Classes of 1998, 1999, and 2000 Combined	
	DB	DB	
# of Responses	1	5	
1	.0%	46.8%	
2-5	.0%	27.0%	
6-10	.0%	.0%	
11-50	100.0%	26.1%	
Over 50	.0%	.0%	
Total	100.0%	100.0%	

Number of ERAU Graduates Employers Currently Supervise

	BS Engineering Physics		
	Class of 2000	Classes of 1998,	
		1999, and 2000 Combined	
	DB	DB	
# of Responses	1	5	
1	.0%	73.9%	
2-5	.0%	.0%	
6-10	.0%	.0%	
11-20	100.0%	26.1%	
Over 20	.0%	.0%	
Total	100.0%	100.0%	

Supervisors Who Are Also ERAU Graduates

	BS Engineering Physics		
	Class of 2000	Classes of 1998, 1999, and 2000 Combined	
	DB	DB	
# of Responses	1	5	
Yes	.0%	.0%	
No	100.0%	100.0%	
Total	100.0%	100.0%	

Hiring Preference

	BS En	BS Engineering Physics		
	Class of 2000	Classes of 1998, 1999, and 2000 Combined		
	DB	DB		
# of Responses	1	4		
Strong Preference for ERAU Graduates	.0%	.0%		
Some Preference for ERAU Graduates	100.0%	35.8%		
No Preference	.0%	64.2%		
Some Preference for Other Graduates	.0%	.0%		
Strong Preference for Other Graduates	.0%	.0%		
Total	100.0%	100.0%		

This question was asked only to employers of the class of 1999 and class of 2000 graduates. Results from all classes combined only show those two classes

Education of the ERAU Graduate Meets Company Needs

	BS Engineering Physics		
	Class of 2000	Classes of 1998, 1999, and 2000 Combined	
	DB	DB	
# of Responses	1	5	
Strongly Agree	.0%	17.1%	
Agree	100.0%	82.9%	
Neutral	.0%	.0%	
Disagree	.0%	.0%	
Strongly Disagree	.0%	.0%	
Total	100.0%	100.0%	

Graduate is a Valuable Employee

	BS Engineering Physics		
	Class of 2000	Classes of 1998, 1999, and 2000 Combined	
	DB	DB	
# of Responses	1	5	
Strongly Agree	.0%	44.1%	
Agree	100.0%	55.9%	
Neutral	.0%	.0%	
Disagree	.0%	.0%	
Strongly Disagree	.0%	.0%	
Total	100.0%	100.0%	

Graduate is a Good Candidate for Promotion

	BS En	gineering Physics
	Class of 2000	Classes of 1998, 1999, and 2000 Combined
	DB	DB
# of Responses	1	5
Strongly Agree	.0%	27.0%
Agree	100.0%	73.0%
Neutral	.0%	.0%
Disagree	.0%	.0%
Strongly Disagree	.0%	.0%
Total	100.0%	100.0%

Skill Level of ERAU Graduate Compared to Graduates From Other Institutions

	BS Engineering Physics			
	Class of 2000	Classes of 1998, 1999, and 2000 Combined		
	DB	DB		
# of Responses	1	4		
Much Higher	.0%	.0%		
Somewhat Higher	.0%	.0%		
Equivalent	100.0%	100.0%		
Somewhat Lower	.0%	.0%		
Much Lower	.0%	.0%		
Total	100.0%	100.0%		

This question was asked only to employers of the class of 1999 and class of 2000 graduates. Results from all classes combined only show those two classes

Usefulness of General Skills on the Job

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
Quantitative/Mathematics	# of Responses	1	5
	Very Useful	100.0%	65.9%
	Somewhat Useful	.0%	34.1%
	Not Useful	.0%	.0%
Total	•	100.0%	100.0%
Basic PC Software (word	# of Responses	1	5
processing, spreadsheets,	Very Useful	100.0%	100.0%
etc.)	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total	1	100.0%	100.0%
Writing Skills	# of Responses	1	5
(non-technical)	Very Useful	.0%	61.2%
	Somewhat Useful	100.0%	38.8%
	Not Useful	.0%	.0%
Total	1	100.0%	100.0%
Technical Writing	# of Responses	1	5
	Very Useful	100.0%	100.0%
	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total	1	100.0%	100.0%
Speaking Before an	# of Responses	1	5
Audience	Very Useful	.0%	56.8%
	Somewhat Useful	100.0%	43.2%
	Not Useful	.0%	.0%
Total	1	100.0%	100.0%
Applied Research	# of Responses	1	1
(information gathering	Very Useful	.0%	.0%
and analysis)	Somewhat Useful	100.0%	100.0%
	Not Useful	.0%	.0%
Total	1	100.0%	100.0%
Critical Thinking	# of Responses	1	5
	Very Useful	100.0%	100.0%
	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total		100.0%	100.0%
Independent Work	# of Responses	1	5
	Very Useful	100.0%	100.0%
	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total	1	100.0%	100.0%

'Applied Research' has replaced 'Library Research' as a general skill beginning this year. Results for all classes combined only show the current year for this skill

Usefulness of General Skills on the Job (Continued)

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
Planning, Scheduling,	# of Responses	1	5
and Carrying Out	Very Useful	100.0%	100.0%
Projects	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total		100.0%	100.0%
Defining and Solving	# of Responses	1	5
Problems	Very Useful	.0%	73.9%
	Somewhat Useful	100.0%	26.1%
	Not Useful	.0%	.0%
Total		100.0%	100.0%
Working in	# of Responses	1	5
groups/teams	Very Useful	100.0%	100.0%
	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total		100.0%	100.0%
Leading/Guiding	# of Responses	1	5
Others	Very Useful	100.0%	70.3%
	Somewhat Useful	.0%	29.7%
	Not Useful	.0%	.0%
Total		100.0%	100.0%
Responsible Actions	# of Responses	1	5
and Decision Making	Very Useful	100.0%	87.3%
	Somewhat Useful	.0%	12.7%
	Not Useful	.0%	.0%
Total		100.0%	100.0%
Understanding Other	# of Responses	1	5
People and Other	Very Useful	100.0%	73.0%
Points of View	Somewhat Useful	.0%	27.0%
	Not Useful	.0%	.0%
Total		100.0%	100.0%
Environmental	# of Responses	1	5
Awareness	Very Useful	.0%	.0%
	Somewhat Useful	100.0%	43.2%
	Not Useful	.0%	56.8%
Total	I	100.0%	100.0%
Political and Economic	# of Responses	1	5
Awareness	Very Useful	.0%	.0%
	Somewhat Useful	100.0%	87.3%
	Not Useful	.0%	12.7%
Total	I	100.0%	100.0%
		1	

Competence of the ERAU Graduate at General Skills

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
Quantitative/Mathematics	# of Responses	1	5
	Excellent	.0%	.0%
	Very Good	.0%	44.1%
	Good	100.0%	55.9%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Basic PC Software (word	# of Responses	1	5
processing, spreadsheets,	Excellent	.0%	34.1%
etc.)	Very Good	.0%	.0%
	Good	100.0%	65.9%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Writing Skills	# of Responses	1	5
(non-technical)	Excellent	.0%	17.1%
	Very Good	.0%	12.7%
	Good	100.0%	70.3%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Technical Writing	# of Responses	1	5
	Excellent	.0%	17.1%
	Very Good	.0%	27.0%
	Good	100.0%	38.8%
	Fair	.0%	17.1%
	Poor	.0%	.0%
Total		100.0%	100.0%
Speaking Before an	# of Responses	1	5
Audience	Excellent	.0%	.0%
	Very Good	.0%	27.0%
	Good	100.0%	55.9%
	Fair	.0%	17.1%
	Poor	.0%	.0%
Total	1	100.0%	100.0%
Applied Research	# of Responses	1	1
(information gathering	Excellent	.0%	.0%
and analysis)	Very Good	.0%	.0%
	Good	100.0%	100.0%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	1	100.0%	100.0%
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'Applied Research' has replaced 'Library Research' as a general skill beginning this year. Results for all classes combined only show the current year for this skill

Competence of the ERAU Graduate at General Skills (Continued)

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
			DB
Critical Thinking # of Responses		1	5
	Excellent	.0%	.0%
	Very Good	.0%	17.1%
	Good	100.0%	82.9%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Independent	# of Responses	1	5
Work	Excellent	.0%	17.1%
	Very Good	100.0%	70.3%
	Good	.0%	.0%
	Fair	.0%	12.7%
	Poor	.0%	.0%
Total		100.0%	100.0%
Planning,	# of Responses	1	5
Scheduling, and	Excellent	.0%	.0%
Carrying Out Projects	Very Good	100.0%	43.2%
i rojecto	Good	.0%	44.1%
	Fair	.0%	12.7%
	Poor	.0%	.0%
Total		100.0%	100.0%
Defining and	# of Responses	1	5
Solving Problems	Excellent	.0%	.0%
	Very Good	100.0%	70.3%
	Good	.0%	17.1%
	Fair	.0%	12.7%
	Poor	.0%	.0%
Total		100.0%	100.0%
Working in	# of Responses	1	5
groups/teams	Excellent	.0%	27.0%
	Very Good	100.0%	43.2%
	Good	.0%	29.7%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Leading/Guiding	# of Responses	1	5
Others	Excellent	.0%	27.0%
	Very Good	.0%	.0%
	Good	100.0%	60.3%
	Fair	.0%	12.7%
	Poor	.0%	.0%
Total		100.0%	100.0%

Competence of the ERAU Graduate at General Skills (Continued)

		BS Engineering Physics		
		Class of 2000	Classes of 1998, 1999, and 2000 Combined	
		DB	DB	
Responsible	# of Responses	1	5	
Actions and	Excellent	.0%	27.0%	
Decision Making	Very Good	100.0%	43.2%	
Waking	Good	.0%	29.7%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total	_	100.0%	100.0%	
Understanding	# of Responses	1	5	
Other People	Excellent	.0%	.0%	
and Other Points of View	Very Good	100.0%	82.9%	
Foilits of view	Good	.0%	17.1%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total	•	100.0%	100.0%	
Environmental	# of Responses	1	2	
Awareness	Excellent	.0%	.0%	
	Very Good	.0%	.0%	
	Good	100.0%	100.0%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total		100.0%	100.0%	
Political and	# of Responses	1	3	
Economic	Excellent	.0%	.0%	
Awareness	Very Good	.0%	.0%	
	Good	100.0%	100.0%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total		100.0%	100.0%	

Competence of Graduates From Other Institutions at General Skills

		BS En	gineering Physics
		Class of	Classes of 1998,
		2000	1999, and 2000
			Combined
		DB	DB
Quantitative/Mathematics	# of Responses	1	5
	Excellent	.0%	.0%
	Very Good	.0%	46.8%
	Good	100.0%	53.2%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Basic PC Software (word	# of Responses	1	5
processing, spreadsheets,	Excellent	.0%	17.1%
etc.)	Very Good	.0%	44.1%
	Good	100.0%	38.8%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Writing Skills	# of Responses	1	5
(non-technical)	Excellent	.0%	.0%
	Very Good	.0%	46.8%
	Good	100.0%	53.2%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Technical Writing	# of Responses	1	5
	Excellent	.0%	.0%
	Very Good	.0%	34.1%
	Good	100.0%	65.9%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Speaking Before an	# of Responses	1	5
Audience	Excellent	.0%	.0%
	Very Good	.0%	.0%
	Good	100.0%	55.9%
	Fair	.0%	44.1%
	Poor	.0%	.0%
Total		100.0%	100.0%
Applied Research	# of Responses	1	1
(information gathering	l =	.0%	.0%
and analysis)	Excellent	.0 /6	
1	Very Good	.0%	.0%
			.0% 100.0%
	Very Good	.0%	
- '	Very Good Good	.0% 100.0%	100.0%

'Applied Research' has replaced 'Library Research' as a general skill beginning this year. Results for all classes combined only show the current year for this skill

Competence of Graduates From Other Institutions at General Skills (Continued)

		BS Eng	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
ľ		DB	DB
Critical Thinking	Critical Thinking # of Responses		5
	Excellent	.0%	.0%
	Very Good	.0%	29.7%
	Good	100.0%	70.3%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	I	100.0%	100.0%
Independent	# of Responses	1	5
Work	Excellent	.0%	.0%
	Very Good	100.0%	87.3%
	Good	.0%	12.7%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Planning,	# of Responses	1	5
Scheduling, and	Excellent	.0%	.0%
Carrying Out Projects	Very Good	100.0%	43.2%
Fiojects	Good	.0%	56.8%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Defining and	# of Responses	1	4
Solving Problems	Excellent	.0%	.0%
	Very Good	100.0%	59.2%
	Good	.0%	40.8%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
Working in	# of Responses	1	5
groups/teams	Excellent	.0%	.0%
	Very Good	100.0%	70.3%
	Good	.0%	29.7%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	T 45	100.0%	100.0%
Leading/Guiding Others	# of Responses	1	5
Outers	Excellent	.0%	.0%
	Very Good	.0%	17.1%
	Good	100.0%	82.9%
	Fair	.0%	.0%
Takal	Poor	.0%	.0%
Total		100.0%	100.0%

Competence of Graduates From Other Institutions at General Skills (Continued)

		BS Engineering Physics		
		Class of 2000	Classes of 1998, 1999, and 2000 Combined	
		DB	DB	
Responsible	# of Responses	1	5	
Actions and Decision	Excellent	.0%	.0%	
Making	Very Good	100.0%	70.3%	
	Good	.0%	29.7%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total		100.0%	100.0%	
Understanding	# of Responses	1	5	
Other People	Excellent	.0%	.0%	
and Other Points of View	Very Good	100.0%	53.2%	
1 Ollits of View	Good	.0%	46.8%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total	•	100.0%	100.0%	
Environmental	# of Responses	1	2	
Awareness	Excellent	.0%	.0%	
	Very Good	.0%	.0%	
	Good	100.0%	100.0%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total		100.0%	100.0%	
Political and	# of Responses	1	2	
Economic	Excellent	.0%	.0%	
Awareness	Very Good	.0%	.0%	
	Good	100.0%	100.0%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total		100.0%	100.0%	

Usefulness of Degree-Specific Skills on the Job

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
(A) Ability to study and master	# of Responses	1	5
new concepts and techniques,	Very Useful	100.0%	100.0%
demonstrating a commitment to life-long learning	Somewhat Useful	.0%	.0%
to me long loaning	Not Useful	.0%	.0%
Total	•	100.0%	100.0%
(B) General physics and	# of Responses	1	5
general chemistry	Very Useful	.0%	46.8%
	Somewhat Useful	100.0%	26.1%
	Not Useful	.0%	27.0%
Total	•	100.0%	100.0%
(C) Computer skills for	# of Responses	1	5
engineering analysis and	Very Useful	100.0%	100.0%
design	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total	·	100.0%	100.0%
(D) Basic engineering: statics,	# of Responses	1	5
dynamics, and solid	Very Useful	.0%	46.8%
mechanics	Somewhat Useful	100.0%	53.2%
	Not Useful	.0%	.0%
Total	·	100.0%	100.0%
(E) Engineering sciences:	# of Responses	1	5
thermodynamics, materials	Very Useful	100.0%	60.3%
science, and fluid mechanics	Somewhat Useful	.0%	27.0%
	Not Useful	.0%	12.7%
Total		100.0%	100.0%
(F) Advanced mathematics	# of Responses	1	5
	Very Useful	.0%	39.7%
	Somewhat Useful	100.0%	60.3%
	Not Useful	.0%	.0%
Total	· ·	100.0%	100.0%
(G) Systems	# of Responses	1	5
testing/development	Very Useful	.0%	46.8%
	Somewhat Useful	.0%	.0%
	Not Useful	100.0%	53.2%
Total	L	100.0%	100.0%
(H) Electrical engineering and	# of Responses	1	5
electronics	Very Useful	.0%	34.1%
	Somewhat Useful	.0%	39.7%
	Not Useful	100.0%	26.1%
Total	1	100.0%	100.0%
		•	

Usefulness of Degree-Specific Skills on the Job (Continued)

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
(I) Optical systems	# of Responses	1	5
	Very Useful	.0%	17.1%
	Somewhat Useful	.0%	12.7%
	Not Useful	100.0%	70.3%
Total	•	100.0%	100.0%
(J) Theoretical physics: classical	# of Responses	1	5
mechanics, electromagnetic theory,	Very Useful	.0%	17.1%
and quantum mechanics	Somewhat Useful	.0%	27.0%
	Not Useful	100.0%	55.9%
Total	•	100.0%	100.0%
(K) Space systems, space mechanics,	# of Responses	1	5
and design	Very Useful	100.0%	43.2%
	Somewhat Useful	.0%	39.7%
	Not Useful	.0%	17.1%
Total	•	100.0%	100.0%
(L) Understanding the code of	# of Responses	1	4
professional ethics	Very Useful	100.0%	82.6%
	Somewhat Useful	.0%	17.4%
	Not Useful	.0%	.0%
Total	•	100.0%	100.0%
(M) Designing a system, component,	# of Responses	1	4
or process to meet desired needs	Very Useful	100.0%	100.0%
	Somewhat Useful	.0%	.0%
	Not Useful	.0%	.0%
Total	•	100.0%	100.0%
(N) Understanding current societal	# of Responses	1	4
issues (political, cultural, and	Very Useful	.0%	.0%
economic)	Somewhat Useful	.0%	46.8%
	Not Useful	100.0%	53.2%
Total	•	100.0%	100.0%

Competence of the ERAU Graduate at Degree-Specific Skills

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
(A) Ability to study and	# of Responses	1	5
master new concepts and techniques, demonstrating	Excellent	.0%	27.0%
a commitment to life-long	Very Good	.0%	34.1%
learning	Good	100.0%	38.8%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
(B) General physics and	# of Responses	1	4
general chemistry	Excellent	.0%	.0%
	Very Good	.0%	23.4%
	Good	100.0%	76.6%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	•	100.0%	100.0%
(C) Computer skills for	# of Responses	1	5
engineering analysis and	Excellent	.0%	17.1%
design	Very Good	.0%	17.1%
	Good	100.0%	65.9%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	•	100.0%	100.0%
(D) Basic engineering:	# of Responses	1	5
statics, dynamics, and solid	Excellent	.0%	.0%
mechanics	Very Good	.0%	56.8%
	Good	100.0%	43.2%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	•	100.0%	100.0%
(E) Engineering sciences:	# of Responses	1	4
thermodynamics, materials	Excellent	.0%	.0%
science, and fluid mechanics	Very Good	.0%	19.5%
mechanics	Good	100.0%	80.5%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	•	100.0%	100.0%
(F) Advanced mathematics	# of Responses	1	5
	Excellent	.0%	.0%
	1		
	Very Good	.0%	44.1%
	Very Good Good	.0% 100.0%	44.1% 55.9%
	Good	100.0%	55.9%

Competence of the ERAU Graduate at Degree-Specific Skills (Continued)

		BS En	gineering Physics
		Class of	Classes of 1998,
		2000	1999, and 2000
			Combined
	1	DB	DB
(G) Systems	# of Responses	0	3
testing/development	Excellent	.0%	.0%
	Very Good	.0%	36.5%
	Good	.0%	63.5%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total			100.0%
(H) Electrical engineering	# of Responses	0	4
and electronics	Excellent	.0%	.0%
	Very Good	.0%	23.1%
	Good	.0%	76.9%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	•		100.0%
(I) Optical systems	# of Responses	0	1
	Excellent	.0%	.0%
	Very Good	.0%	.0%
	Good	.0%	100.0%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total			100.0%
(J) Theoretical physics:	# of Responses	0	2
classical mechanics,	Excellent	.0%	61.3%
electromagnetic theory, and	Very Good	.0%	.0%
quantum mechanics	Good	.0%	38.7%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total			100.0%
(K) Space systems, space	# of Responses	1	3
mechanics, and design	Excellent	.0%	.0%
	Very Good	.0%	30.6%
	Good	100.0%	69.4%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	1	100.0%	100.0%
(L) Understanding the code	# of Responses	1	4
of professional ethics	Excellent	.0%	.0%
	Very Good	.0%	64.2%
	Good	100.0%	35.8%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	1	100.0%	100.0%
		100.070	100.070

Competence of the ERAU Graduate at Degree-Specific Skills (Continued)

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
(M) Designing a	# of Responses	1	4
system, component, or	Excellent	.0%	.0%
process to meet desired needs	Very Good	100.0%	82.6%
desired fields	Good	.0%	17.4%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
(N) Understanding	# of Responses	0	2
current societal issues	Excellent	.0%	.0%
(political, cultural, and economic)	Very Good	.0%	.0%
Coorioniio)	Good	.0%	100.0%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	•		100.0%

Competence of Graduates From Other Institutions at Degree-Specific Skills

		BS En	gineering Physics
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
(A) Ability to study and	# of Responses	1	5
master new concepts and	Excellent	.0%	.0%
techniques, demonstrating	Very Good	.0%	73.9%
a commitment to life-long learning	Good	100.0%	26.1%
loaning	Fair	.0%	.0%
	Poor	.0%	.0%
Total	· I	100.0%	100.0%
(B) General physics and	# of Responses	1	4
general chemistry	Excellent	.0%	23.4%
	Very Good	.0%	23.4%
	Good	.0%	17.4%
	Fair	100.0%	35.8%
	Poor	.0%	.0%
Total		100.0%	100.0%
(C) Computer skills for	# of Responses	1	5
engineering analysis and	Excellent	.0%	.0%
design	Very Good	.0%	73.9%
	Good	100.0%	26.1%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
(D) Basic engineering:	# of Responses	1	5
statics, dynamics, and solid mechanics	Excellent	.0%	.0%
mechanics	Very Good	.0%	46.8%
	Good	100.0%	53.2%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%
(E) Engineering sciences:	# of Responses	1	4
thermodynamics, materials science, and fluid	Excellent	.0%	.0%
mechanics	Very Good	.0%	19.5%
	Good	100.0%	80.5%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total	T =	100.0%	100.0%
(F) Advanced mathematics	# of Responses	1	5
	Excellent	.0%	.0%
	Very Good	.0%	29.7%
	Good	100.0%	70.3%
	Fair	.0%	.0%
Tetal	Poor	.0%	.0%
Total		100.0%	100.0%

Competence of Graduates From Other Institutions at Degree-Specific Skills (Continued)

		BS Engineering Physics	
		Class of 2000	Classes of 1998, 1999, and 2000 Combined
		DB	DB
(G) Systems	# of Responses	0	3
testing/development	Excellent	.0%	.0%
	Very Good	.0%	36.5%
	Good	.0%	63.5%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total			100.0%
(H) Electrical engineering and electronics	# of Responses	0	4
	Excellent	.0%	.0%
	Very Good	.0%	46.2%
	Good	.0%	53.8%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total			100.0%
(I) Optical systems	# of Responses	0	2
	Excellent	.0%	.0%
	Very Good	.0%	.0%
	Good	.0%	100.0%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total			100.0%
(J) Theoretical physics:	# of Responses	0	2
classical mechanics,	Excellent	.0%	38.7%
electromagnetic theory, and quantum mechanics	Very Good	.0%	61.3%
quantum mechanics	Good	.0%	.0%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total			100.0%
(K) Space systems, space	# of Responses	1	3
mechanics, and design	Excellent	.0%	.0%
	Very Good	.0%	.0%
	Good	100.0%	77.3%
	Fair	.0%	22.7%
	Poor	.0%	.0%
Total		100.0%	100.0%
(L) Understanding the code	# of Responses	1	4
of professional ethics	Excellent	.0%	.0%
	Very Good	.0%	46.8%
	Good	100.0%	53.2%
	Fair	.0%	.0%
	Poor	.0%	.0%
Total		100.0%	100.0%

Competence of Graduates From Other Institutions at Degree-Specific Skills (Continued)

		BS Engineering Physics		
		Class of 2000	Classes of 1998, 1999, and 2000 Combined	
		DB	DB	
(M) Designing a system, component, or process to meet desired needs	# of Responses	1	4	
	Excellent	.0%	.0%	
	Very Good	.0%	23.4%	
	Good	100.0%	76.6%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total		100.0%	100.0%	
(N) Understanding current societal issues (political, cultural, and economic)	# of Responses	0	2	
	Excellent	.0%	.0%	
	Very Good	.0%	.0%	
	Good	.0%	100.0%	
	Fair	.0%	.0%	
	Poor	.0%	.0%	
Total			100.0%	