This series of documents serves as an interim report for the results from the Employer Feedback Survey, classes of 2001-2003. The findings are organized as follows:

- Part 1 Overall Data Tables (all items except program-specific skills and comments)
- Part 2 General Education and Program-Specific Skills Data Tables, by Program
- Part 3 Employer Comments, by Program Daytona Beach
- Part 4 Employer Comments, by Program Prescott
- Part 5 Employer Comments, by Program Worldwide

The class of 2004 data is currently being compiled. Once that data is finalized, an *IR Preview*, full report, and program profiles for four years worth of data, classes 2001-2004, will be published.

The Employer Feedback Survey was created to evaluate how well Embry-Riddle's academic programs are meeting employers' needs and expectations. The survey gathers supervisors' opinions on the graduates' overall performance, the usefulness of general and degree-specific skills, and the graduates' level of competence at those skills as compared to graduates from other institutions. Open-ended comments regarding strengths and weaknesses of each program are also obtained.

The survey is administered to a sample of employers of recent alumni, approximately 1½ years after graduation from Embry-Riddle (including Daytona Beach, Prescott, and Worldwide). The target list of employers for the survey is generated from responses to the preceding Alumni Survey (completed by alumni approximately one year after graduation). Supervisors of alumni who (1) were employed in a degree-related field, and (2) had provided their supervisor contact information, were eligible for the Employer Feedback Survey. The number of surveys sent and completed is shown below:

	Class of 2001	Class of 2002	Class of 2003
Target Group	349	348	290
Deliverable Surveys	328	322	279
Completed Surveys	160	164	145
Response Rate	49%	51%	52%

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, program, campus, and year of graduation. Percentages in the data tables represent the weighted result (the number of respondents has been left unweighted, however). Some of the verbiage required abbreviation in order to fit in the tables; please refer to the survey instrument if clarification is needed. Please also 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. If results are not displayed for a particular program within these documents, it is likely due to one of the following reasons:

- There were no graduates from the program in the Classes of 2001, 2002, 2003, or they did not respond to the Alumni Survey.
- The graduate responded to the Alumni Survey, but did not hold a degree-related job or did not provide employer contact information.
- The supervisor did not respond to the survey, even though one was delivered.
- There were no program-specific skill sets provided by the program for the respondent to rate.

If you have any questions concerning this report, please contact Kimberly Brantley, Institutional Research 386-226-6623.

Source: Institutional Research, November 2006

Number of Respondents By Campus and Year of Graduation

		2001	2002	2003	All Years
Daytona	AS Aircraft Maintenance	0	0	1	1
Beach	AS Aviation Business Administration	1	1	0	2
	BS Aeronautical Science	23	16	22	61
	BS Aeronautics	0	1	0	1
	BS Aerospace Engineering	4	6	8	18
	BS Aerospace Studies	2	2	2	6
	BS Air Traffic Management	0	2	0	2
	BS Aircraft Engineering Technology	1	0	0	1
	BS Aviation Business Administration	7	1	4	12
	BS Aviation Maintenance Management	2	0	0	2
	BS Aviation Management	1	0	2	3
	BS Aviation Technology	2	0	0	2
	BS Civil Engineering	3	2	2	7
	BS Communication	1	2	3	6
	BS Computer Science	1	1	1	3
	BS Engineering Physics	1	2	2	5
	BS Human Factors Psychology	4	1	0	5
	BS Safety Science	1	0	3	4
	MS Aeronautics	1 1	1	1	3
	M Aerospace Engineering, MS Aerospace Engineering	1 1	1	0	2
	M Business Administration in Aviation	2	5	3	10
	MS Human Factors & Systems	0	0	3	3
	M Software Engineering	1	0	0	1
Prescott	BS Aeronautical Science	10	9	10	29
	BS Aeronautics	0	1	0	1
	BS Aerospace Engineering	4	3	1	8
	BS Aerospace Studies	3	3	4	10
	BS Computer Engineering	0	1	0	1
	BS Electrical Engineering	2	0	1	3
	BS Science, Technology, & Globalization	1	1	0	2
Worldwide	AS Aircraft Maintenance	0	2	1	3
	AS Aviation Business Administration	0	2	0	2
	AS Professional Aeronautics	11	7	6	24
	BS Aviation Business Administration	6	1	0	7
	BS Management of Technical Operations	4	9	11	24
	BS Professional Aeronautics	19	14	18	51
	M Aeronautical Science	21	18	24	63
	M Business Administration in Aviation	10	3	4	17
	MS Technical Management	10	2	6	18
	INIO LEGITICALIVIANA YENTENI	10	2	р	18

Number of Respondents: Specializations By Campus and Year of Graduation

			2001	2002	2003	All Years
Daytona	MS Human Factors	Human Factors Engr	0	0	3	3
Beach	& Systems	All Specializations	0	0	3	3
Worldwide	M Aeronautical	Aeronautics Spec	1	2	1	4
	Science	Av/Aero Ops Spec	3	3	2	8
		Av/Aero Mgmt Spec	10	8	12	30
		Av/Aero Safety Sys Spec	7	5	9	21
		All Specializations	21	18	24	63

ERAU General Skills Preparation and Usefulness on the Job

Daytona Beach

Daytona Beach									BS Aerona	utical Scien	ce						
									2071010110	atioal Colors							
			Usefulnes	s of Skill or	the Job		С	ompetence	of this ER	AU Graduat	e		Compe	tence of G	raduates fron	Other Inst	titutions
		Unw td#		(2) Somew		Unw td#	(1)		(3)		(5)	Unw td#	(1)				
		of	(1) Very Useful	hat Useful	(3) Not Useful	of	Excelle nt	(2) Good	Averag e	(4) Poor	Very Poor	of	Excelle nt	(2) Good	(3) Average	(4) Poor	(5) Very Poor
		Res pon				Res pon						Res pon					
		dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	2001 2002	21	46.4% 32.3%	33.3%	20.3%	16 14	36.8%	26.4% 50.0%	26.4%	10.3%	.0%	13	.0%	54.1%	33.0%	12.9%	.0%
	2003	15 21	38.9%	60.6% 46.5%	7.1% 14.6%	20	22.8% 20.4%	40.9%	27.2% 38.7%	.0%	.0%	13 20	16.5% 5.1%	45.9% 20.4%	29.4% 69.3%	8.2% 5.1%	.0%
Dania DO anthumas (usan	All Years	57	39.9%	45.3%	14.7%	50	26.3%	38.8%	31.7%	3.3%	.0%	46	6.8%	36.8%	48.3%	8.1%	.0%
Basic PC software (word processing,	2001 2002	22 15	63.4% 42.4%	24.2% 39.4%	12.4% 18.2%	18 13	44.2% 32.9%	35.0% 16.5%	17.5% 42.4%	3.3% 8.2%	.0%	16 12	10.3% 17.9%	59.5% 53.8%	30.2% 28.2%	.0%	.0%
spreadsheets, etc.)	2003	20	40.9%	48.9%	10.2%	17	36.2%	33.6%	30.2%	.0%	.0%	17	12.1%	33.6%	54.3%	.0%	.0%
Writing skills	All Years 2001	57 21	49.9% 64.5%	37.0% 25.4%	13.1% 10.2%	48 18	38.3% 22.8%	29.6% 14.6%	28.6% 56.9%	3.4% 5.7%	.0%	45 15	13.0% 13.7%	48.0% 45.1%	39.1% 27.5%	.0%	.0%
(non-technical)	2002	16	39.6%	60.4%	.0%	15	21.2%	35.3%	36.4%	7.1%	.0%	14	7.6%	42.4%	34.8%	15.2%	.0%
	2003 All Years	21	48.6%	36.8%	14.6%	17	12.1%	51.7%	30.2%	6.0%	.0%	16	.0%	48.6%	51.4%	.0%	.0%
Technical writing	2001	58 21	51.8% 38.4%	39.1% 41.3%	9.1%	50 18	18.6% 17.5%	33.4% 20.8%	41.8% 52.5%	6.2% 5.8%	.0%	45 15	6.9% 7.1%	45.5% 32.3%	38.3% 42.5%	9.2% 18.2%	.0%
	2002	16	26.4%	63.2%	10.4%	14	15.2%	30.4%	46.8%	7.6%	.0%	13	8.2%	24.7%	58.8%	8.2%	.0%
	2003 All Years	21 58	34.0% 33.5%	36.8% 45.5%	29.2%	16 48	12.8% 15.3%	35.8% 28.6%	45.0% 48.3%	6.4% 6.5%	1.2%	15 43	.0% 4.9%	31.3% 29.7%	68.7% 56.7%	.0% 8.7%	.0%
Speaking before an	2001	22	53.8%	38.7%	7.6%	17	18.1%	30.2%	45.7%	6.0%	.0%	15	.0%	41.2%	45.1%	6.9%	6.9%
audience	2002	16 21	43.4% 56.2%	43.4% 19.5%	13.2%	14 15	38.0% 13.7%	45.6%	16.3% 41.2%	.0% 6.9%	.0%	14 14	22.8% 7.4%	38.0%	31.5% 66.3%	7.6%	.0%
	All Years	59	51.9%	32.9%	24.3% 15.2%	46	22.5%	38.2% 37.4%	35.6%	4.5%	.0%	43	9.6%	26.3% 35.3%	47.8%	4.8%	2.4%
Applied research (information gathering	2001	22	42.0%	43.5%	14.5%	17	30.2%	36.2%	27.6%	6.0%	.0%	14	.0%	36.9%	48.4%	7.4%	7.4%
and analysis)	2002	15 21	25.3% 29.2%	28.3% 46.5%	46.5% 24.3%	11 15	9.9%	60.6% 38.2%	29.6% 54.9%	.0%	.0%	11 13	.0%	64.8% 28.4%	29.6% 71.6%	5.7%	.0%
	All Years	58	33.0%	40.8%	26.2%	43	17.0%	42.8%	37.7%	2.4%	.0%	38	.0%	41.6%	51.3%	4.3%	2.8%
Critical thinking	2001	22	65.5%	26.9%	7.6%	21	35.5%	28.3%	25.4%	10.8%	.0%	16	.0%	48.6%	45.0%	6.4%	.0%
	2002	16 22	67.0% 67.5%	33.0% 27.8%	.0%	15 19	32.3% 30.0%	46.5% 32.3%	21.2% 26.9%	.0% 10.8%	.0%	14 18	15.2% 11.4%	42.4% 20.3%	30.4% 68.3%	12.0%	.0%
Independent 1	All Years	60	66.7%	28.8%	4.5%	55	32.7%	34.6%	24.8%	7.9%	.0%	48	8.6%	36.1%	49.8%	5.5%	.0%
Independent work	2001 2002	22 16	65.5% 73.6%	31.7% 26.4%	2.7%	21 15	28.3% 32.3%	30.5% 39.4%	35.5% 28.3%	.0%	5.7%	17 14	6.2% 22.8%	40.7% 50.0%	49.6% 22.8%	.0%	3.5% 4.4%
	2003	22	90.7%	4.6%	4.6%	19	46.1%	37.7%	10.8%	5.4%	.0%	18	11.4%	28.5%	54.5%	5.7%	.0%
Planning, scheduling, and	All Years 2001	60 22	77.1% 77.9%	20.1% 17.2%	2.7% 4.8%	55 20	35.7% 36.6%	35.4% 29.1%	24.8% 26.1%	1.9% 8.2%	2.2%	49 17	12.8% 12.4%	38.7% 18.6%	44.0% 62.8%	2.1% 6.2%	2.4%
carrying out projects	2002	16	73.6%	26.4%	.0%	15	46.5%	25.3%	21.2%	7.1%	.0%	14	15.2%	50.0%	30.4%	.0%	4.4%
	2003	22	62.9%	27.8%	9.3%	18	26.0%	34.2%	34.2%	5.7%	.0%	17	6.0%	24.1%	63.8%	6.0%	.0%
Defining and solving	All Years 2001	60 22	71.1% 85.5%	23.6% 9.7%	5.2% 4.8%	53 19	35.6% 21.5%	29.8% 43.1%	27.6% 30.0%	7.0% 5.4%	.0%	48 15	10.9% 13.7%	29.5% 45.1%	54.0% 34.3%	4.4% 6.9%	1.2%
problems	2002	16	76.4%	23.6%	.0%	15	42.4%	28.3%	29.3%	.0%	.0%	14	22.8%	30.4%	46.8%	.0%	.0%
	2003 All Years	22 60	81.5% 81.6%	13.9% 14.9%	4.6% 3.5%	19 53	30.0%	48.5% 41.0%	16.2% 24.8%	5.4% 3.9%	.0%	17 46	6.0% 13.5%	42.3% 39.7%	45.7% 42.2%	6.0% 4.5%	.0%
Working in groups/teams	2001	22	82.2%	15.1%	2.7%	21	25.4%	40.6%	28.3%	.0%	5.7%	16	13.6%	40.8%	34.0%	7.7%	3.8%
	2002	15	53.5%	46.5%	.0%	14	30.4%	45.6%	23.9%	.0%	.0%	14	30.4%	38.0%	31.5%	.0%	.0%
	All Years	21 58	70.8% 70.7%	19.5% 24.6%	9.7% 4.6%	19 54	30.0% 28.3%	43.1% 42.8%	26.9% 26.7%	.0%	.0% 2.2%	18 48	11.4% 17.6%	37.4% 38.7%	45.5% 37.8%	5.7% 4.7%	.0% 1.2%
Leading/guiding others	2001	22	58.0%	29.6%	12.4%	20	21.4%	32.1%	40.5%	3.0%	3.0%	15	7.1%	14.2%	70.8%	.0%	8.0%
	2002 2003	16 22	66.0% 58.3%	34.0% 27.8%	.0%	15 18	32.3% 17.1%	46.5% 20.3%	21.2% 56.9%	.0% 5.7%	.0%	14 17	22.8% 6.0%	34.8% 21.5%	30.4% 66.4%	12.0% 6.0%	.0%
	All Years	60	60.2%	30.1%	9.7%	53	22.9%	32.0%	40.9%	3.1%	1.1%	46	11.3%	23.1%	57.2%	5.8%	2.6%
Responsible actions and decision making	2001 2002	22 16	84.9% 80.2%	4.8% 19.8%	10.3%	21 15	30.5% 49.5%	33.3% 25.3%	30.5% 18.2%	2.9% 7.1%	2.9%	17 14	6.4% 30.4%	29.1% 42.4%	60.9% 27.2%	.0%	3.6%
Ü	2003	22	81.5%	9.3%	9.3%	19	30.0%	43.1%	16.2%	10.8%	.0%	18	5.7%	48.8%	45.5%	.0%	.0%
Understanding other	All Years 2001	60	82.4%	10.4%	7.2%	55 21	35.4%	34.7%	22.1%	6.8% 2.9%	1.1%	49 17	12.8%	40.3%	45.6%	.0%	1.2%
people and other points	2001	22 16	51.1% 63.2%	41.4% 36.8%	7.6%	14	20.3% 38.0%	48.6% 15.2%	25.4% 46.8%	.0%	2.9%	17	.0% 8.2%	44.6% 57.6%	48.2% 34.1%	.0%	7.2%
of view	2003	22	72.2%	23.2%	4.6%	19	30.0%	21.5%	43.1%	5.4%	.0%	18	11.4%	31.7%	51.2%	5.7%	.0%
Environmental awareness	All Years 2001	60 22	62.2% 55.9%	33.3% 44.1%	4.5%	54 20	28.3% 31.4%	30.3% 26.1%	37.2% 39.5%	3.1% 3.0%	1.1%	48 16	6.6% 13.2%	43.0% 39.7%	45.7% 47.1%	2.2%	2.5%
	2002	16	39.6%	56.6%	3.8%	14	14.7%	58.9%	26.3%	.0%	.0%	13	8.0%	55.7%	36.4%	.0%	.0%
	2003 All Years	21	46.5%	38.9%	14.6%	16	16.5%	12.8%	57.8%	12.8%	.0%	16	.0%	19.3%	67.9%	12.8%	.0%
Political and economic	2001	59 20	48.1% 29.8%	45.5% 45.8%	6.3% 24.4%	50 16	21.9% 32.1%	30.9% 12.8%	41.8% 38.5%	5.3% 16.5%	.0%	45 13	6.9%	36.9% 39.8%	51.5% 44.3%	4.6% 15.9%	.0%
awareness	2002	15	28.3%	53.5%	18.2%	12	17.3%	25.9%	56.8%	.0%	.0%	12	8.6%	25.9%	65.4%	.0%	.0%
	2003 All Years	21 56	22.2% 26.4%	38.9% 45.2%	38.9% 28.4%	13 41	8.0% 20.2%	20.4% 19.0%	63.7% 51.8%	8.0% 9.0%	.0%	13 38	.0% 2.7%	20.4%	63.7% 57.6%	8.0% 8.2%	8.0% 2.7%
Knowledge of	2002	15	32.3%	32.3%	35.3%	11	29.6%	19.7%	50.7%	.0%	.0%	11	9.9%	39.4%	50.7%	.0%	.0%
political/physical geography	2003	21	14.6%	56.2%	29.2%	14	7.4%	26.3%	59.0%	7.4%	.0%	14	.0%	11.5%	73.7%	7.4%	7.4%
	All Years	36	21.7%	46.6%	31.7%	25	16.8% 4='Poor', 5	23.5%	55.5%	4.2%	.0%	25	4.2%	23.4%	64.0%	4.2%	4.2%

ERAU General Skills Preparation and Usefulness on the Job

Prescott

									BS Aerona	utical Scien	се						
			Usefulnes	s of Skill or	the Job		С	ompetence	of this ERA	AU Graduat	e		Compe	tence of Gr	raduates fron	Other Inst	titutions
		Unw		(2) Somew		Unw	(1)		(3)		(5)	Unw	(1)				
		td#	(1) Very	hat	(3) Not	td# of	Excelle	(2)	Averag	(4)	Very	td # of	Excelle	(2)	(3)	(4) Poor	(5) Very
		Res pon	Useful	Useful	Useful	Res pon	nt	Good	е	Poor	Poor	Res	nt	Good	Average	Poor	Poor
		dent	Wtd Row %	Wtd Row %	Wtd Row %	dent	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	2001	9	55.6%	44.4%	.0%	9	55.6%	22.2%	22.2%	.0%	.0%	8	25.0%	25.0%	50.0%	.0%	.0%
	2002	8	25.0%	50.0%	25.0%	6	16.7%	50.0%	33.3%	.0%	.0%	6	.0%	33.3%	66.7%	.0%	.0%
	2003 All Years	9 26	76.6% 51.6%	23.4% 40.2%	.0% 8.2%	9 24	33.3% 38.1%	66.7% 43.7%	.0% 18.2%	.0%	.0%	6 20	.0% 10.9%	.0%	100.0% 67.6%	.0%	.0%
Basic PC software (word	2001	10	50.0%	40.0%	10.0%	10	30.0%	20.0%	50.0%	.0%	.0%	7	.0%	14.3%	85.7%	.0%	.0%
processing, spreadsheets, etc.)	2002	8	50.0%	37.5%	12.5%	7	28.6%	42.9%	28.6%	.0%	.0%	7	14.3%	28.6%	42.9%	14.3%	.0%
эр-гана-	2003 All Years	8 26	66.3% 54.0%	33.7% 37.6%	.0% 8.3%	9 26	33.3% 30.6%	62.1% 38.7%	4.5% 30.7%	.0%	.0%	6 20	.0% 5.3%	.0% 16.0%	100.0% 73.5%	.0% 5.3%	.0%
Writing skills	2001	10	40.0%	60.0%	.0%	10	20.0%	30.0%	50.0%	.0%	.0%	7	.0%	28.6%	57.1%	14.3%	.0%
(non-technical)	2002	8	25.0%	50.0%	25.0%	8	25.0%	37.5%	37.5%	.0%	.0%	8	12.5%	37.5%	37.5%	12.5%	.0%
	2003	9	28.8%	71.2%	.0%	9	18.9%	62.1%	14.4%	.0%	4.5%	6	.0%	.0%	78.4%	21.6%	.0%
Technical writing	All Years 2001	27 10	32.2% .0%	60.0% 60.0%	7.8% 40.0%	27 9	21.3%	41.3% 55.6%	36.2% 44.4%	.0%	1.3%	21 6	5.0%	25.4% 16.7%	54.3% 66.7%	15.3% 16.7%	.0%
	2002	8	12.5%	50.0%	37.5%	7	14.3%	57.1%	28.6%	.0%	.0%	7	.0%	42.9%	42.9%	14.3%	.0%
	2003	9	28.8%	52.3%	18.9%	8	4.7%	60.4%	30.2%	.0%	4.7%	5	.0%	.0%	100.0%	.0%	.0%
Speaking before an	All Years 2001	27 10	11.9% 50.0%	54.7% 30.0%	33.4% 20.0%	24 10	5.7% 30.0%	57.4% 40.0%	35.5% 30.0%	.0%	1.4%	18 7	.0%	23.8% 28.6%	64.1% 71.4%	12.0% .0%	.0%
audience	2002	8	62.5%	25.0%	12.5%	8	25.0%	50.0%	25.0%	.0%	.0%	8	25.0%	12.5%	50.0%	12.5%	.0%
	2003	9	47.7%	37.9%	14.4%	9	18.9%	47.7%	33.3%	.0%	.0%	6	.0%	21.6%	56.8%	21.6%	.0%
Applied research	All Years 2001	27 10	53.3% 40.0%	30.6% 40.0%	16.1% 20.0%	27 9	25.4% 44.4%	45.3% 22.2%	29.4% 22.2%	.0% 11.1%	.0%	21 6	10.0%	20.5%	59.4% 83.3%	10.1%	.0%
(information gathering	2001	8	12.5%	62.5%	25.0%	6	16.7%	33.3%	50.0%	.0%	.0%	6	.0%	16.7% 16.7%	83.3%	.0%	.0%
and analysis)	2003	9	14.4%	81.1%	4.5%	8	19.8%	50.0%	30.2%	.0%	.0%	6	.0%	.0%	100.0%	.0%	.0%
Critical thinking	All Years	27	24.3%	58.5%	17.3%	23	29.4%	33.7%	32.2%	4.7%	.0%	18	.0%	12.0%	88.0%	.0%	.0%
Critical thinking	2001	10 8	90.0% 75.0%	10.0% 25.0%	.0%	10 8	60.0% 25.0%	20.0% 75.0%	10.0%	10.0%	.0%	8	12.5% 12.5%	50.0% 12.5%	25.0% 75.0%	12.5% .0%	.0%
	2003	9	71.2%	28.8%	.0%	9	47.7%	23.4%	28.8%	.0%	.0%	6	.0%	.0%	100.0%	.0%	.0%
	All Years	27	80.1%	19.9%	.0%	27	45.6%	38.2%	12.1%	4.1%	.0%	22	9.7%	24.5%	60.8%	4.9%	.0%
Independent work	2001 2002	10 8	100.0% 100.0%	.0%	.0%	10 8	60.0% 62.5%	20.0% 37.5%	10.0%	10.0%	.0%	7 8	.0% 37.5%	57.1% 12.5%	42.9% 50.0%	.0%	.0%
	2003	9	66.7%	33.3%	.0%	9	23.4%	62.1%	14.4%	.0%	.0%	6	.0%	.0%	100.0%	.0%	.0%
	All Years	27	90.7%	9.3%	.0%	27	50.6%	37.2%	8.1%	4.1%	.0%	21	15.0%	25.8%	59.2%	.0%	.0%
Planning, scheduling, and carrying out projects	2001 2002	10	80.0%	20.0%	.0%	10	60.0%	30.0%	10.0%	.0%	.0%	7	28.6%	28.6%	42.9%	.0%	.0%
, 5	2002	8 9	75.0% 62.1%	25.0% 37.9%	.0%	8	37.5% 37.9%	62.5% 33.3%	14.4%	.0% 14.4%	.0%	8 6	25.0%	25.0%	50.0% 100.0%	.0%	.0%
	All Years	27	73.5%	26.5%	.0%	27	46.8%	41.1%	8.1%	4.0%	.0%	21	20.4%	20.4%	59.2%	.0%	.0%
Defining and solving problems	2001	10	90.0%	10.0%	.0%	10	70.0%	20.0%	.0%	10.0%	.0%	7	.0%	28.6%	71.4%	.0%	.0%
F. 2300	2002	8	62.5% 62.1%	37.5% 37.9%	.0%	8	25.0% 23.4%	50.0% 47.7%	25.0% 28.8%	.0%	.0%	8 6	25.0%	12.5% .0%	62.5% 100.0%	.0%	.0%
	All Years	27	73.6%	26.4%	.0%	27	42.9%	37.1%	15.9%	4.1%	.0%	21	10.0%	15.4%	74.6%	.0%	.0%
Working in groups/teams	2001	10	70.0%	30.0%	.0%	10	50.0%	30.0%	20.0%	.0%	.0%	7	14.3%	42.9%	42.9%	.0%	.0%
	2002	8	75.0% 47.7%	25.0% 52.3%	.0%	8	50.0% 23.4%	50.0% 33.3%	.0%	.0% 14.4%	.0%	- 8 6	25.0%	37.5%	37.5% 100.0%	.0%	.0%
	All Years	27	65.4%	34.6%	.0%	27	42.6%	37.2%	16.2%	4.0%	.0%	21	15.2%	30.6%	54.2%	.0%	.0%
Leading/guiding others	2001	10	60.0%	30.0%	10.0%	10	40.0%	20.0%	30.0%	10.0%	.0%	8	.0%	12.5%	87.5%	.0%	.0%
	2002 2003	8 9	75.0% 62.1%	25.0% 37.9%	.0%	8	50.0% 23.4%	37.5% 33.3%	12.5% 28.8%	.0% 14.4%	.0%	8 6	25.0%	12.5% .0%	62.5% 78.4%	.0%	.0%
	All Years	27	65.3%	30.6%	4.1%	27	38.5%	29.2%	24.2%	8.1%	.0%	22	9.5%	9.7%	76.4%	4.8%	.0%
Responsible actions and	2001	10	80.0%	20.0%	.0%	10	40.0%	20.0%	30.0%	10.0%	.0%	7	.0%	42.9%	57.1%	.0%	.0%
decision making	2002 2003	8	87.5% 71.2%	12.5% 28.8%	.0%	8	50.0% 23.4%	37.5% 47.7%	12.5% 28.8%	.0%	.0%	8 6	25.0%	25.0%	50.0% 78.4%	.0% 21.6%	.0%
	All Years	27	71.2%	28.8%	.0%	27	38.5%	33.2%	28.8%	4.1%	.0%	21	10.0%	25.6%	78.4% 59.3%	21.6% 5.1%	.0%
Understanding other	2001	10	100.0%	.0%	.0%	10	30.0%	50.0%	20.0%	.0%	.0%	8	.0%	25.0%	75.0%	.0%	.0%
people and other points of view	2002	8	62.5%	25.0%	12.5%	8	37.5%	50.0%	.0%	12.5%	.0%	8	25.0%	25.0%	50.0%	.0%	.0%
	2003 All Years	9 27	47.7% 73.7%	52.3% 22.4%	.0%	9 27	23.4% 30.5%	18.9% 41.4%	43.2% 20.2%	14.4% 7.9%	.0%	6 22	.0% 9.5%	.0% 19.4%	100.0% 71.1%	.0%	.0%
Environmental awareness	2001	10	60.0%	40.0%	.0%	10	20.0%	50.0%	30.0%	.0%	.0%	8	12.5%	.0%	75.0%	12.5%	.0%
	2002	8	25.0%	62.5%	12.5%	8	50.0%	25.0%	25.0%	.0%	.0%	8	25.0%	12.5%	62.5%	.0%	.0%
	2003 All Years	9 27	28.8% 40.3%	66.7% 54.5%	4.5% 5.2%	9 27	4.5% 25.1%	37.9% 38.8%	57.6% 36.1%	.0%	.0%	6 22	.0% 14.4%	.0%	78.4% 71.0%	21.6% 9.8%	.0%
Political and economic	2001	10	30.0%	60.0%	10.0%	9	.0%	77.8%	22.2%	.0%	.0%	7	.0%	14.3%	71.0%	14.3%	.0%
	2002	8	12.5%	62.5%	25.0%	7	42.9%	28.6%	28.6%	.0%	.0%	7	28.6%	.0%	71.4%	.0%	.0%
awareness	0000	9	14.4%	37.9%	47.7%	9	4.5%	23.4%	72.0%	.0%	.0%	6	.0%	.0%	78.4%	.0%	21.6%
awareness	2003			E 4 007	05.00		44.007	40 701	00 001		007				70.00:	F = 0.1	
	All Years	27	20.2%	54.6% 37.5%	25.2% 50.0%	25 6	14.2% 33.3%	46.7% 16.7%	39.2%	.0% 16.7%	.0%	20	10.5% 16.7%	5.5%	73.2% 83.3%	5.5%	5.4%
awareness Knowledge of political/physical geography				54.6% 37.5% 33.3%	25.2% 50.0% 37.9%	25 6 9	14.2% 33.3% 4.5%	46.7% 16.7% 37.9%	39.2% 33.3% 57.6%	.0% 16.7% .0%	.0% .0%	20 6 6	10.5% 16.7% .0%	5.5% .0% .0%	73.2% 83.3% 78.4%	5.5% .0% 21.6%	.0%

ERAU Preparation response options for the Class of 2003: 1='Excellent', 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

									3S Aeronau	utical Science	ce						
			Usefulnes	s of skill on	the Job		С	ompetence	of this ERA	AU Graduat	е			Competen	ce of other	Graduates	
		Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Ver
		pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
(A) Understanding	2001	19	73.5%	11.3%	15.2%	18	52.5%	29.2%	5.8%	9.1%	3.3%	13	16.5%	24.7%	45.9%	12.9%	.0
aerodynamic performance of aircraft	2002	12	91.0%	9.0%	.0%	12	67.9%	17.9%	14.1%	.0%	.0%	11	9.9%	35.2%	39.4%	15.5%	.0
	2003	21	90.3%	4.9%	4.9%	20	46.0%	33.6%	15.3%	5.1%	.0%	19	16.2%	32.3%	51.5%	.0%	.01
(B) Use of electronic	All Years 2001	52	84.4%	8.1%	7.5%	50	53.4%	28.4%	11.6%	5.4%	1.2%	43 12	14.7%	30.8%	46.9%	7.7% 9.0%	.0'
navigation and flight control	2001	18 11	71.9% 43.3%	12.0% 37.8%	16.1% 18.9%	17 10	62.0% 26.9%	6.2% 52.2%	18.6% 20.9%	9.7%	3.5%	10	9.0%	41.0% 20.9%	41.0% 41.8%	16.4%	.0°
systems	2002	19	80.8%	19.2%	.0%	19	26.9%	56.9%	16.2%	.0%	.0%	18	5.7%	28.5%	56.9%	8.9%	.00
	All Years	48	69.0%	20.8%	10.2%	46	39.7%	37.4%	18.1%	3.5%	1.3%	40	7.8%	30.3%	48.5%	10.8%	2.69
(C) Crew coordination	2001	19	67.8%	14.5%	17.7%	17	49.6%	18.6%	22.1%	6.2%	3.5%	12	18.0%	41.0%	32.0%	9.0%	.09
(cockpit resource	2002	12	80.7%	5.1%	14.1%	11	47.3%	37.8%	14.9%	.0%	.0%	10	10.4%	52.2%	26.9%	10.4%	.09
management)	2003	20	69.3%	20.4%	10.2%	18	26.0%	39.9%	28.5%	5.7%	.0%	17	6.0%	36.2%	51.7%	6.0%	.09
	All Years	51	71.4%	14.8%	13.8%	46	39.6%	31.6%	22.9%	4.5%	1.3%	39	10.7%	41.7%	39.5%	8.0%	.09
(D) Knowledge of flight	2001	19	67.8%	14.5%	17.7%	17	43.4%	18.6%	24.8%	13.2%	.0%	12	9.0%	50.0%	32.0%	9.0%	.09
physiology, awareness of	2002	12	82.1%	9.0%	9.0%	12	50.0%	41.0%	9.0%	.0%	.0%	11	.0%	45.1%	45.1%	9.9%	.09
flight psy	2003	20	69.3%	30.7%	.0%	19	35.4%	26.9%	32.3%	5.4%	.0%	18	17.1%	22.8%	60.1%	.0%	.09
	All Years	51	71.7%	19.8%	8.5%	48	41.7%	27.4%	24.1%	6.9%	.0%	41	10.3%	36.4%	48.2%	5.1%	.09
(E) Awareness of safety	2001	18	81.3%	12.8%	6.0%	17	55.8%	15.9%	22.1%	6.2%	.0%	13	8.2%	41.2%	37.6%	12.9%	.09
and accident prevention	2002	12	85.9%	14.1%	.0%	12	44.9%	46.2%	9.0%	.0%	.0%	11	.0%	60.6%	29.6%	.0%	9.9
	2003	20	79.6%	15.3%	5.1%	18	20.3%	51.2%	28.5%	.0%	.0%	17	12.1%	39.6%	48.3%	.0%	.00
	All Years	50	81.6%	14.1%	4.2%	47	39.1%	37.2%	21.4%	2.2%	.0%	41	7.8%	45.5%	40.1%	4.0%	2.5%
(F) Understanding the concepts and process of	2001	19	65.4%	22.6%	12.0%	17	60.4%	18.1%	15.5%	6.0%	.0%	12	8.6%	17.3%	65.4%	8.6%	.09
meteorology	2002	12	73.1%	26.9%	.0%	11	29.6%	45.1%	25.4%	.0%	.0%	11	9.9%	29.6%	25.4%	35.2%	.09
•	All Years	20	94.9%	5.1%	.0%	19	30.0%	48.5%	16.2%	5.4%	.0%	18	5.7%	37.4%	45.5%	5.7%	5.79
(G) Instrument flight skill	2001	51 19	79.1% 79.1%	16.5% 8.8%	4.4% 12.0%	47 18	41.0% 52.5%	36.6% 23.4%	17.9% 15.0%	4.4% 5.8%	.0%	41 13	7.6% 16.5%	29.4% 21.1%	46.3% 49.5%	14.1% 12.9%	2.69
(O) matrument night skill	2001	12	91.0%	9.0%	.0%	12	67.9%	17.9%	14.1%	.0%	.0%	11	19.7%	35.2%	45.1%	.0%	.09
	2003	20	79.6%	15.3%	5.1%	18	43.1%	34.2%	17.1%	5.7%	.0%	17	24.1%	39.6%	30.2%	6.0%	.09
	All Years	51	82.0%	11.5%	6.5%	48	52.6%	26.2%	15.6%	4.4%	1.2%	41	20.6%	32.7%	40.1%	6.6%	.09
(H) Multi-engine/high	2001	19	62.2%	29.0%	8.8%	19	50.9%	20.1%	20.1%	5.7%	3.2%	14	15.8%	31.5%	40.4%	12.3%	.09
performance aircraft	2002	11	70.4%	19.7%	9.9%	10	28.1%	32.8%	39.1%	.0%	.0%	9	.0%	43.9%	43.9%	12.3%	.09
operations	2003	20	54.0%	30.7%	15.3%	17	39.6%	30.2%	24.1%	6.0%	.0%	16	12.8%	48.6%	19.3%	12.8%	6.49
	All Years	50	60.5%	27.7%	11.7%	46	41.8%	26.6%	25.6%	4.6%	1.3%	39	11.0%	41.6%	32.1%	12.5%	2.89
(I) Knowledge of Federal	2001	19	79.1%	15.2%	5.7%	19	50.9%	11.3%	25.8%	8.8%	3.2%	14	31.5%	12.3%	31.5%	24.7%	.09
Aviation Regulations	2002	12	91.0%	9.0%	.0%	12	32.1%	35.9%	32.1%	.0%	.0%	11	9.9%	25.4%	49.3%	9.9%	5.79
	2003	20	89.8%	5.1%	5.1%	18	48.8%	34.2%	17.1%	.0%	.0%	17	15.5%	18.1%	54.3%	12.1%	.09
(I) Agrapautical desiries	All Years 2001	51	86.2%	9.7%	4.1%	49	45.6%	25.8%	24.0%	3.4%	1.2%	42	19.2%	18.1%	45.7%	15.6%	1.49
(J) Aeronautical decision making (judgement skills)	2001	19 12	73.5% 91.0%	12.0% 9.0%	14.5% .0%	18 12	35.9% 26.9%	24.0% 59.0%	27.3% 14.1%	9.4%	3.4%	13 11	17.1% 29.6%	47.6% 9.9%	21.9% 35.2%	13.4% 19.7%	5.79
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2002	20	84.7%	10.2%	5.1%	18	37.4%	39.9%	17.1%	.0%	5.7%	17	6.0%	51.7%	30.2%	19.7%	.09
	All Years	51	82.0%	10.2%	7.4%	48	34.3%	38.6%	20.1%	3.5%	3.5%	41	15.6%	39.5%	29.0%	14.5%	1.59
(K) Actions, attitudes, and	2001	19	73.5%	17.7%	8.8%	18	40.9%	17.5%	29.2%	5.8%	6.6%	13	16.5%	37.6%	33.0%	8.2%	4.79
knowledge sec.	2002	12	59.0%	32.1%	9.0%	11	.0%	39.4%	50.7%	9.9%	.0%	10	.0%	10.9%	78.1%	10.9%	.09
considerations	2003	20	48.9%	46.0%	5.1%	17	27.6%	36.2%	36.2%	.0%	.0%	16	12.8%	35.8%	51.4%	.0%	.09
	All Years	51	60.2%	32.4%	7.4%	46	26.5%	29.6%	36.8%	4.5%	2.6%	39	10.9%	30.3%	51.9%	5.4%	1.59
(L) Dealing with integrity	2002	12	73.1%	17.9%	9.0%	12	32.1%	44.9%	14.1%	9.0%	.0%	11	9.9%	9.9%	70.4%	9.9%	.0
issues	2003	20	79.6%	10.2%	10.2%	18	26.0%	39.9%	22.8%	11.4%	.0%	17	6.0%	33.6%	48.3%	12.1%	.0
	All Years	32	77.2%	13.0%	9.8%	30	28.3%	41.8%	19.4%	10.5%	.0%	28	7.5%	24.7%	56.6%	11.2%	.0
(M) Developing your moral	2002	12	44.9%	55.1%	.0%	12	17.9%	53.8%	28.2%	.0%	.0%	11	9.9%	19.7%	70.4%	.0%	.0
character	2003	20	79.6%	10.2%	10.2%	18	26.0%	45.5%	22.8%	5.7%	.0%	17	18.1%	33.6%	48.3%	.0%	.0
(A1) A	All Years	32	67.1%	26.4%	6.6%	30	22.9%	48.7%	24.9%	3.5%	.0%	28	15.0%	28.4%	56.6%	.0%	.01
(N) Assertiveness in a leadership or subordinate	2002	12	71.8%	28.2%	.0%	11	9.9%	39.4%	50.7%	.0%	.0%	11	19.7%	9.9%	70.4%	.0%	.0
role	2003	20	64.2%	25.6%	10.2%	18	31.7%	28.5%	34.2%	5.7%	.0%	17	6.0%	51.7%	36.2%	6.0%	.01
(O) Ground/Flight training	All Years 2003	32	66.9%	26.5%	6.6%	29	23.8%	32.4%	40.2%	3.6%	.0%	28	11.2%	36.0%	49.1%	3.8%	.01
(O) Stourium nym training	All Years	20 20	79.6% 79.6%	15.3% 15.3%	5.1% 5.1%	18 18	37.4% 37.4%	39.9% 39.9%	22.8% 22.8%	.0%	.0%	17 17	6.0%	51.7% 51.7%	30.2% 30.2%	12.1% 12.1%	.09
(P) Time spent in	2003	20	48.9%	30.7%	20.4%	16	29.3%	39.9%	32.1%	.0%	.0%	15	.0%	34.3%	65.7%	.0%	.09
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ERAU Degree Specific Skills Preparation and Usefulness on the Job

Prescott

									BS Aeronau	utical Scien	се	1					
				_											_		
			Usefulnes	s of skill on (2)	the Job		С	ompetence	of this ERA	AU Graduat	e I			Competen	ce of other	Graduates 	Τ
		Unw td # of Res	(1) Very Useful	Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Ve
		pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wto Row
(A) Understanding aerodynamic performance	2001	8	87.5%	12.5%	.0%	8	87.5%	12.5%	.0%	.0%	.0%	6	33.3%	50.0%	16.7%	.0%	.0
of aircraft	2002	8 6	100.0% 100.0%	.0%	.0%	8 6	87.5% 92.0%	12.5% 8.0%	.0%	.0%	.0%	8 5	.0%	25.0% 36.2%	50.0% 27.6%	.0% 36.2%).
	All Years	22	94.9%	5.1%	.0%	22	88.4%	11.6%	.0%	.0%	.0%	19	22.7%	36.0%	33.8%	7.5%	
(B) Use of electronic	2001	8	87.5%	12.5%	.0%	8	75.0%	25.0%	.0%	.0%	.0%	6	16.7%	50.0%	33.3%	.0%	
navigation and flight control systems	2002	8	37.5%	50.0%	12.5%	8	62.5%	25.0%	12.5%	.0%	.0%	8	12.5%	25.0%	50.0%	12.5%	
oyotomo	2003	6	100.0%	.0%	.0%	6	66.7%	33.3%	.0%	.0%	.0%	5	.0%	27.6%	63.8%	8.6%	
(C) Crew coordination	All Years 2001	22 8	70.3% 62.5%	24.8% 37.5%	4.9%	22 8	68.4% 50.0%	26.6% 37.5%	4.9% 12.5%	.0%	.0%	19 6	11.4% 16.7%	34.2% 16.7%	47.0% 66.7%	7.4%).
(cockpit resource	2001	8	75.0%	25.0%	.0%	8	75.0%	25.0%	.0%	.0%	.0%	8	16.7%	50.0%	37.5%	.0%).
management)	2003	6	100.0%	.0%	.0%	6	41.3%	58.7%	.0%	.0%	.0%	5	.0%	8.6%	82.7%	8.6%	.(
	All Years	22	74.8%	25.2%	.0%	22	58.1%	36.8%	5.1%	.0%	.0%	19	11.4%	29.9%	57.0%	1.8%	.(
(D) Knowledge of flight	2001	8	87.5%	12.5%	.0%	8	75.0%	12.5%	12.5%	.0%	.0%	6	33.3%	50.0%	16.7%	.0%	.0
physiology, awareness of flight psy	2002	8	100.0%	.0%	.0%	8	87.5%	12.5%	.0%	.0%	.0%	8	25.0%	37.5%	37.5%	.0%	.(
g poj	2003	6	100.0%	.0%	.0%	6	41.3%	58.7%	.0%	.0%	.0%	5	.0%	8.6%	55.1%	36.2%	.(
(E) Awareness of safety	All Years 2001	22	94.9%	5.1%	.0%	22	73.3%	21.6% 12.5%	5.1%	.0%	.0%	19	22.7%	35.9%	33.9%	7.5%).
and accident prevention	2001	8	100.0%	.0%	.0%	8 8	87.5% 87.5%	12.5%	.0%	.0%	.0%	6 8	16.7% 25.0%	50.0% 12.5%	33.3% 62.5%	.0%	.(
•	2002	6	100.0%	.0%	.0%	6	66.7%	8.0%	25.4%	.0%	.0%	5	.0%	8.6%	55.1%	36.2%	.(
	All Years	22	100.0%	.0%	.0%	22	83.4%	11.6%	5.0%	.0%	.0%	19	16.9%	24.7%	50.8%	7.5%	.(
(F) Understanding the	2001	8	100.0%	.0%	.0%	8	62.5%	37.5%	.0%	.0%	.0%	6	16.7%	33.3%	50.0%	.0%	.(
concepts and process of meteorology	2002	8	87.5%	12.5%	.0%	8	62.5%	37.5%	.0%	.0%	.0%	8	25.0%	12.5%	62.5%	.0%	.(
meteorology	2003	6	92.0%	8.0%	.0%	6	15.9%	58.7%	25.4%	.0%	.0%	5	.0%	8.6%	.0%	91.4%	.0
(0) 1	All Years	22	93.5%	6.5%	.0%	22	53.3%	41.7%	5.0%	.0%	.0%	19	16.9%	19.0%	45.3%	18.8%	.0
(G) Instrument flight skill	2001	8	100.0%	.0%	.0%	8	62.5%	25.0%	12.5%	.0%	.0%	6	16.7%	33.3%	33.3%	16.7%).
	2002	6	100.0% 100.0%	.0%	.0%	8 6	75.0% 58.7%	25.0% 41.3%	.0%	.0%	.0%	8 5	25.0%	37.5% 8.6%	37.5% 82.7%	.0% 8.6%	.(
	All Years	22	100.0%	.0%	.0%	22	66.7%	28.2%	5.1%	.0%	.0%	19	16.9%	30.1%	45.4%	7.6%	.(
(H) Multi-engine/high	2001	8	50.0%	50.0%	.0%	8	50.0%	25.0%	25.0%	.0%	.0%	6	.0%	33.3%	50.0%	16.7%	.(
performance aircraft	2002	8	75.0%	25.0%	.0%	8	75.0%	25.0%	.0%	.0%	.0%	8	12.5%	62.5%	25.0%	.0%	.0
operations	2003	6	100.0%	.0%	.0%	6	41.3%	33.3%	25.4%	.0%	.0%	5	.0%	.0%	36.2%	63.8%	.(
(I) I/ I I (F . I I	All Years	22	69.7%	30.3%	.0%	22	58.1%	26.6%	15.2%	.0%	.0%	19	5.6%	39.5%	36.0%	19.0%	.0
(I) Knowledge of Federal Aviation Regulations	2001	8	100.0%	.0%	.0%	8	75.0%	25.0%	.0%	.0%	.0%	6	16.7%	50.0%	16.7%	16.7%	.(
	2002	8 6	100.0% 100.0%	.0%	.0%	8 6	75.0% 58.7%	25.0% 15.9%	25.4%	.0%	.0%	8 5	37.5%	37.5%	25.0% 36.2%	.0%).
	All Years	22	100.0%	.0%	.0%	22	71.8%	23.2%	5.0%	.0%	.0%	19	22.5%	34.1%	24.4%	19.0%	.(
(J) Aeronautical decision	2001	8	100.0%	.0%	.0%	8	75.0%	12.5%	12.5%	.0%	.0%	6	16.7%	50.0%	16.7%	16.7%	.(
making (judgement skills)	2002	8	100.0%	.0%	.0%	8	87.5%	12.5%	.0%	.0%	.0%	8	25.0%	25.0%	50.0%	.0%	.(
	2003	6	100.0%	.0%	.0%	6	15.9%	84.1%	.0%	.0%	.0%	5	.0%	8.6%	82.7%	8.6%	.0
(IZ) A-Linna	All Years	22	100.0%	.0%	.0%	22	68.2%	26.6%	5.1%	.0%	.0%	19	16.9%	30.3%	45.2%	7.6%	.0
(K) Actions, attitudes, and knowledge sec.	2001	8	75.0%	25.0%	.0%	8	62.5%	25.0%	12.5%	.0%	.0%	6	.0%	66.7%	33.3%	.0%	.(
considerations	2002	8 6	50.0% 92.0%	50.0% 8.0%	.0%	8 6	50.0% 8.0%	25.0% 41.3%	25.0% 50.7%	.0%	.0%	8 5	25.0%	25.0%	50.0% 36.2%	.0%	.0
	All Years	22	68.5%	31.5%	.0%	22	46.8%	28.2%	25.0%	.0%	.0%	19	11.1%	34.3%	41.4%	13.2%	
(L) Dealing with integrity	2002	8	75.0%	12.5%	12.5%	7	57.1%	28.6%	14.3%	.0%	.0%	7	28.6%	57.1%	14.3%	.0%	
ssues	2003	6	74.6%	25.4%	.0%	6	15.9%	58.7%	25.4%	.0%	.0%	5	.0%	8.6%	.0%	91.4%	
	All Years	14	74.9%	16.8%	8.3%	13	42.1%	39.6%	18.3%	.0%	.0%	12	18.7%	40.4%	9.3%	31.6%	
(M) Developing your moral	2002	8	87.5%	.0%	12.5%	7	71.4%	14.3%	14.3%	.0%	.0%	7	42.9%	28.6%	28.6%	.0%	
character	2003	6	66.7%	33.3%	.0%	6	15.9%	58.7%	25.4%	.0%	.0%	5	.0%	.0%	63.8%	36.2%	
N) Assertiveness in a	All Years 2002	14	80.5%	11.1%	8.3%	13	51.2%	30.5%	18.3%	.0%	.0%	12	28.0%	18.7%	40.7%	12.5%	-
eadership or subordinate	2002	8	87.5% 74.6%	12.5% 25.4%	.0%	8	87.5% 41.3%	.0%	12.5% 25.4%	.0%	.0%	8 5	12.5%	50.0%	37.5% 91.4%	.0% 8.6%	<u> </u>
ole	All Years	14	83.2%	16.8%	.0%	14	72.0%	11.1%	16.8%	.0%	.0%	13	8.5%	34.2%	54.5%	2.7%	
(O) Ground/Flight training	2003	6	100.0%	.0%	.0%	6	41.3%	58.7%	.0%	.0%	.0%	5	.0%	8.6%	82.7%	8.6%	
	All Years	6	100.0%	.0%	.0%	6	41.3%	58.7%	.0%	.0%	.0%	5	.0%	8.6%	82.7%	8.6%	
P) Time spent in	2003	6	66.7%	33.3%	.0%	6	66.7%	33.3%	.0%	.0%	.0%	5	.0%	.0%	63.8%	36.2%	
TD/Simulators	All Years	6	66.7%	33.3%	.0%	6	66.7%	33.3%	.0%	.0%	.0%	5	.0%	.0%	63.8%	36.2%	.0

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							BS Ae	rospace En	gineering						
		Usefulne	ss of Skill o	n the Job		Compe	etence of thi	s ERAU Gr	aduate		Compet	ence of Gra	aduates fron	n Other Inst	titutions
	Unw td # of Res pon	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res pon	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	Unw td # of Res pon	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	18	50.0%	43.9%	6.2%	18	24.6%	59.7%	15.7%	.0%	18	18.4%	65.9%	15.7%	.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	18	93.9%	6.1%	.0%	18	49.4%	44.6%	6.1%	.0%	18	24.7%	59.6%	15.7%	.0%	.0%
Writing skills (non-technical)	18	63.2%	36.8%	.0%	17	36.5%	43.8%	19.6%	.0%	17	.0%	76.6%	23.4%	.0%	.0%
Technical writing	18	72.0%	21.9%	6.1%	18	30.8%	41.1%	28.1%	.0%	18	3.5%	62.3%	28.1%	6.1%	.0%
Speaking before an audience	17	55.3%	38.3%	6.4%	15	29.3%	30.1%	33.3%	7.3%	15	7.2%	33.4%	44.8%	14.6%	.0%
Applied research (information gathering and analysis)	17	64.6%	29.1%	6.3%	16	20.4%	62.1%	17.4%	.0%	16	.0%	66.0%	20.3%	6.8%	6.8%
Critical thinking	17	93.6%	6.4%	.0%	17	26.3%	57.3%	16.3%	.0%	17	7.2%	67.4%	25.4%	.0%	.0%
Independent work	17	93.6%	6.4%	.0%	16	48.7%	37.7%	13.6%	.0%	16	14.5%	51.7%	27.2%	6.7%	.0%
Planning, scheduling, and carrying out projects	17	80.9%	12.7%	6.4%	16	27.3%	45.7%	27.0%	.0%	16	.0%	45.7%	54.3%	.0%	.0%
Defining and solving problems	17	93.6%	6.4%	.0%	17	35.4%	39.2%	25.4%	.0%	17	9.9%	52.0%	38.1%	.0%	.0%
Working in groups/teams	17	80.9%	19.1%	.0%	17	55.5%	25.5%	19.0%	.0%	17	13.6%	61.1%	25.3%	.0%	.0%
Leading/guiding others	17	67.3%	19.9%	12.8%	15	33.4%	29.3%	22.7%	14.6%	15	4.1%	36.6%	52.0%	7.2%	.0%
Responsible actions and decision making	17	87.2%	12.8%	.0%	17	22.7%	54.5%	16.3%	6.4%	17	3.6%	61.0%	29.0%	.0%	6.4%
Understanding other people and other points of view	17	80.9%	12.7%	6.4%	16	24.3%	62.1%	13.6%	.0%	16	3.9%	75.7%	20.4%	.0%	.0%
Environmental awareness	17	22.7%	51.7%	25.6%	14	7.8%	36.1%	56.1%	.0%	13	.0%	47.7%	52.3%	.0%	.0%
Political and economic awareness	17	12.8%	61.6%	25.6%	14	.0%	47.3%	52.7%	.0%	13	.0%	42.9%	57.1%	.0%	.0%
Knowledge of political/physical geography	13	8.6%	57.1%	34.3%	12	.0%	46.8%	53.2%	.0%	11	.0%	41.4%	58.6%	.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Prescott

							BS Ae	rospace En	gineering						
									<u>g</u>						
		Usefulne	ss of Skill o	n the Job		Compe	tence of the	s ERAU Gr	aduate		Compe	tence of Gra	aduates fror	n Other Ins	titutions
	Unw td # of Res pon	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res pon	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	Unw td # of Res pon	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	8	77.9%	22.1%	.0%	8	13.1%	75.9%	.0%	11.0%	6	.0%	85.1%	14.9%	.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	8	51.8%	37.2%	11.0%	7	14.7%	43.5%	29.4%	12.4%	5	17.6%	64.9%	17.6%	.0%	.0%
Writing skills (non-technical)	8	64.9%	24.1%	11.0%	7	33.4%	39.5%	27.1%	.0%	5	.0%	64.9%	35.1%	.0%	.0%
Technical writing	8	77.9%	22.1%	.0%	7	27.1%	60.5%	12.4%	.0%	5	20.8%	44.1%	35.1%	.0%	.0%
Speaking before an audience	8	51.8%	37.2%	11.0%	7	.0%	45.8%	41.8%	12.4%	5	.0%	38.4%	61.6%	.0%	.0%
Applied research (information gathering and analysis)	8	62.8%	37.2%	.0%	8	24.1%	38.7%	37.2%	.0%	6	32.6%	52.4%	14.9%	.0%	.0%
Critical thinking	8	77.9%	11.0%	11.0%	8	13.1%	59.2%	16.7%	11.0%	6	.0%	62.5%	37.5%	.0%	.0%
Independent work	8	62.8%	26.1%	11.0%	8	22.1%	66.9%	.0%	11.0%	5	.0%	82.4%	17.6%	.0%	.0%
Planning, scheduling, and carrying out projects	8	89.0%	.0%	11.0%	8	24.1%	35.1%	40.8%	.0%	6	14.9%	47.6%	37.5%	.0%	.0%
Defining and solving problems	8	62.8%	26.1%	11.0%	8	24.1%	51.8%	13.1%	11.0%	6	14.9%	70.1%	14.9%	.0%	.0%
Working in groups/teams	8	89.0%	.0%	11.0%	8	35.1%	53.8%	.0%	11.0%	6	32.6%	52.4%	14.9%	.0%	.0%
Leading/guiding others	8	38.7%	50.2%	11.0%	7	.0%	54.2%	45.8%	.0%	5	.0%	55.9%	44.1%	.0%	.0%
Responsible actions and decision making	8	49.8%	39.2%	11.0%	8	22.1%	66.9%	11.0%	.0%	6	14.9%	70.1%	14.9%	.0%	.0%
Understanding other people and other points of view	8	51.8%	48.2%	.0%	8	.0%	89.0%	.0%	11.0%	6	14.9%	70.1%	14.9%	.0%	.0%
Environmental awareness	8	33.1%	40.8%	26.1%	6	.0%	47.6%	52.4%	.0%	6	.0%	47.6%	52.4%	.0%	.0%
Political and economic awareness	8	35.1%	53.8%	11.0%	5	.0%	38.4%	61.6%	.0%	5	.0%	38.4%	61.6%	.0%	.0%
Knowledge of political/physical geography	4	23.4%	29.8%	46.8%	2	.0%	43.9%	56.1%	.0%	2	.0%	43.9%	56.1%	.0%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

		ı					BS A	erospace Eng	gineering						
		Usefulnes	s of skill on	the Job			Competenc	e of this ERA	U Graduate	•		Com	petence of	other Gradu	ates
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Average	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Average	(4) Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row	Wtd Row %
(A) Apply knowledge of math and science	11	84.6%	15.4%	.0%	11	54.9%	29.6%	15.4%	.0%	.0%	11	15.4%	74.7%	9.9%	.09
(B) Design and conduct experiments	11	19.7%	60.5%	19.7%	9	36.9%	19.2%	43.8%	.0%	.0%	9	.0%	63.1%	36.9%	.09
(C) Analyze and interpret experimental data	11	49.4%	40.8%	9.9%	10	43.8%	39.0%	17.1%	.0%	.0%	10	11.0%	67.1%	21.9%	.09
(D) Apply knowledge of aerodynamics	11	49.4%	50.6%	.0%	11	25.3%	54.9%	19.7%	.0%	.0%	11	19.7%	35.2%	45.1%	.09
(E) Apply knowledge of aircraft performance	11	49.4%	35.2%	15.4%	9	35.0%	41.6%	23.4%	.0%	.0%	9	11.7%	46.7%	41.6%	.00
(F) Apply knowledge of stability and control	11	39.5%	35.2%	25.3%	8	26.4%	47.1%	26.4%	.0%	.0%	8	.0%	66.1%	33.9%	.09
(G) Apply knowledge of aerospace materials	11	45.1%	49.4%	5.6%	11	15.4%	54.9%	29.6%	.0%	.0%	10	.0%	50.0%	50.0%	.09
(H) Apply knowledge of aircraft and spacecraft structures	11	64.8%	25.3%	9.9%	10	28.1%	39.0%	32.9%	.0%	.0%	10	.0%	61.0%	39.0%	.00
(I) Apply knowledge of propulsion	11	29.6%	45.1%	25.3%	9	24.6%	63.1%	12.3%	.0%	.0%	8	.0%	78.1%	21.9%	.00
(J) Apply knowledge of orbital mechanics	11	.0%	40.8%	59.2%	7	.0%	51.1%	48.9%	.0%	.0%	7	.0%	34.7%	65.3%	.0'
(K) Apply knowledge of spacecraft dynamics	11	19.7%	25.3%	54.9%	8	.0%	43.9%	56.1%	.0%	.0%	8	.0%	21.9%	78.1%	.00
(L) Apply knowledge of control systems	11	39.5%	50.6%	9.9%	10	32.9%	34.3%	32.9%	.0%	.0%	10	11.0%	45.2%	43.8%	.00
(M) Apply knowledge of circuits, electronics, & instrument	11	19.7%	50.6%	29.6%	9	12.3%	26.2%	61.5%	.0%	.0%	9	12.3%	43.8%	43.8%	.00
(N) Identify, formulate, and solve engineering problems	11	100.0%	.0%	.0%	11	54.9%	29.6%	15.4%	.0%	.0%	11	29.6%	50.6%	19.7%	.0'
(O) Use techniques, skills, tools necessary for eng practice	11	90.1%	9.9%	.0%	11	45.1%	49.4%	5.6%	.0%	.0%	11	25.3%	64.8%	9.9%	.0'
(P) Design a/c system, component, or mission to meet needs	11	64.8%	19.7%	15.4%	10	28.1%	54.8%	17.1%	.0%	.0%	10	6.2%	76.7%	11.0%	6.2
(Q) Understand eng decisions on society/environment	11	35.2%	45.1%	19.7%	9	19.2%	36.9%	43.8%	.0%	.0%	9	.0%	31.5%	68.5%	.0
(R) Understand professional and ethical responsibility	11	100.0%	.0%	.0%	10	61.0%	28.1%	11.0%	.0%	.0%	11	25.3%	45.1%	29.6%	.0
(S) Recognize need to continue professional development	11	80.3%	19.7%	.0%	10	61.0%	39.0%	.0%	.0%	.0%	11	35.2%	45.1%	19.7%	.0

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Prescott

							BS A	erospace End	nineering						
							5071	sroopade Eng	gineering						
	Unw	Usefulnes	ss of skill on	the Job	Unw		Competenc	e of this ERA	U Graduate	e	Unw	Con	npetence of	other Gradu	ates
	td # of Res	(1) Very Useful	Somew hat Useful	(3) Not Useful	td # of Res	(1) Excelle nt	(2) Good	(3) Average	(4) Poor	(5) Very Poor	td# of Res	(1) Excelle nt	(2) Good	(3) Average	(4) Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
(A) Apply knowledge of math and science	5	63.7%	18.1%	18.1%	5	18.1%	63.7%	.0%	18.1%	.0%	5	.0%	81.9%	18.1%	.0%
(B) Design and conduct experiments	5	27.4%	72.6%	.0%	5	.0%	81.9%	.0%	18.1%	.0%	5	.0%	81.9%	18.1%	.0%
(C) Analyze and interpret experimental data	5	63.7%	36.3%	.0%	5	18.1%	63.7%	.0%	18.1%	.0%	5	.0%	54.4%	45.6%	.0%
(D) Apply knowledge of aerodynamics	5	100.0%	.0%	.0%	4	.0%	66.5%	33.5%	.0%	.0%	5	.0%	36.3%	63.7%	.0%
(E) Apply knowledge of aircraft performance	5	63.7%	36.3%	.0%	4	.0%	66.5%	33.5%	.0%	.0%	5	.0%	36.3%	63.7%	.0%
(F) Apply knowledge of stability and control	5	45.6%	54.4%	.0%	5	.0%	54.4%	45.6%	.0%	.0%	5	.0%	36.3%	63.7%	.0%
(G) Apply knowledge of aerospace materials	5	36.3%	45.6%	18.1%	3	.0%	57.0%	43.0%	.0%	.0%	4	.0%	22.2%	77.8%	.0%
(H) Apply knowledge of aircraft and spacecraft structures	5	18.1%	45.6%	36.3%	2	.0%	39.8%	60.2%	.0%	.0%	3	.0%	.0%	100.0%	.0%
(I) Apply knowledge of propulsion	5	36.3%	63.7%	.0%	4	.0%	66.5%	33.5%	.0%	.0%	5	.0%	36.3%	63.7%	.0%
(J) Apply knowledge of orbital mechanics	5	18.1%	18.1%	63.7%	1	.0%	.0%	100.0%	.0%	.0%	2	.0%	.0%	100.0%	.0%
(K) Apply knowledge of spacecraft dynamics	5	18.1%	.0%	81.9%	1	.0%	.0%	100.0%	.0%	.0%	2	.0%	.0%	100.0%	.0%
(L) Apply knowledge of control systems	5	45.6%	36.3%	18.1%	4	22.2%	22.2%	55.7%	.0%	.0%	4	.0%	22.2%	77.8%	.0%
(M) Apply knowledge of circuits, electronics, & instrument	5	63.7%	.0%	36.3%	4	44.3%	.0%	33.5%	22.2%	.0%	4	.0%	44.3%	55.7%	.0%
(N) Identify, formulate, and solve engineering problems	5	63.7%	18.1%	18.1%	5	18.1%	63.7%	.0%	.0%	18.1%	5	.0%	81.9%	18.1%	.0%
(O) Use techniques, skills, tools necessary for eng practice	5	81.9%	.0%	18.1%	5	36.3%	45.6%	.0%	18.1%	.0%	5	36.3%	45.6%	18.1%	.0%
(P) Design a/c system, component, or mission to meet needs	5	.0%	81.9%	18.1%	4	.0%	22.2%	77.8%	.0%	.0%	4	.0%	44.3%	55.7%	.0%
(Q) Understand eng decisions on society/environment	5	36.3%	45.6%	18.1%	3	.0%	57.0%	43.0%	.0%	.0%	4	.0%	44.3%	55.7%	.0%
(R) Understand professional and ethical responsibility	5	81.9%	.0%	18.1%	5	36.3%	45.6%	.0%	.0%	18.1%	5	18.1%	63.7%	18.1%	.0%
(S) Recognize need to continue professional development	5	63.7%	18.1%	18.1%	5	45.6%	36.3%	.0%	.0%	18.1%	5	.0%	81.9%	18.1%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

								BS Aerospa	ace Studies	;						
		Usefulne	ss of Skill on	the Job		С	ompetence	of this ERA	AU Graduat	е	l	Compe	tence of Gra	duates from	Other Inst	itutions
	Unw td#		(2)		Unw td#	(1)		(3)		(5)	Unw td#	(1)		(3)		(5)
	of	(1) Very	Somewh	(3) Not	of	Excelle	(2)	Averag	(4)	Very	of	Excelle		Averag	(4)	Very
	Res	Useful	at Useful	Useful	Res	nt	Good	е	Poor	Poor	Res	nt	(2) Good	е	Poor	Poor
	pon dent	Wtd Row	Wtd Row	Wtd	pon dent	Wtd	Wtd	Wtd	Wtd	Wtd	pon dent	Wtd	Wtd Row	Wtd	Wtd	Wtd
	S	Wid Row	Wid Kow	Row %	S	Row %	Row %	Row %	Row %	Row %	S	Row %	Wid Row	Row %	Row %	Row %
Quantitative/mathematics	6	18.1%	46.1%	35.9%	6	17.8%	64.1%	18.1%	.0%	.0%	3	.0%	22.2%	39.2%	38.6%	.0%
Basic PC software (word processing, spreadsheets, etc.)	6	71.7%	28.3%	.0%	6	35.6%	46.4%	18.1%	.0%	.0%	4	.0%	72.3%	27.7%	.0%	.0%
Writing skills (non-technical)	5	65.5%	12.5%	22.1%	4	55.7%	16.0%	.0%	28.3%	.0%	3	.0%	100.0%	.0%	.0%	.0%
Technical writing	5	43.4%	56.6%	.0%	5	43.4%	12.5%	22.1%	22.1%	.0%	4	.0%	71.8%	28.2%	.0%	.0%
Speaking before an audience	5	43.8%	34.2%	22.1%	4	27.9%	16.0%	56.2%	.0%	.0%	3	.0%	61.4%	38.6%	.0%	.0%
Applied research (information gathering and analysis)	5	65.5%	34.5%	.0%	5	21.7%	34.2%	44.1%	.0%	.0%	4	.0%	44.1%	55.9%	.0%	.0%
Critical thinking	5	100.0%	.0%	.0%	5	21.7%	56.2%	22.1%	.0%	.0%	4	.0%	72.3%	.0%	27.7%	.0%
Independent work	5	78.3%	21.7%	.0%	5	43.4%	34.5%	22.1%	.0%	.0%	4	.0%	44.1%	55.9%	.0%	.0%
Planning, scheduling, and carrying out projects	6	53.6%	46.4%	.0%	6	17.8%	46.1%	36.2%	.0%	.0%	4	.0%	44.1%	28.2%	27.7%	.0%
Defining and solving problems	6	81.9%	18.1%	.0%	6	17.8%	64.1%	18.1%	.0%	.0%	4	.0%	71.8%	28.2%	.0%	.0%
Working in groups/teams	6	81.9%	18.1%	.0%	6	17.8%	46.1%	36.2%	.0%	.0%	4	.0%	44.1%	55.9%	.0%	.0%
Leading/guiding others	5	100.0%	.0%	.0%	5	.0%	34.2%	65.8%	.0%	.0%	4	.0%	44.1%	55.9%	.0%	.0%
Responsible actions and decision making	5	100.0%	.0%	.0%	5	21.7%	34.2%	44.1%	.0%	.0%	4	.0%	44.1%	55.9%	.0%	.0%
Understanding other people and other points of view	5	100.0%	.0%	.0%	5	.0%	34.2%	65.8%	.0%	.0%	4	.0%	44.1%	28.2%	27.7%	.0%
Environmental awareness	5	78.3%	21.7%	.0%	5	21.7%	12.5%	65.8%	.0%	.0%	4	.0%	44.1%	55.9%	.0%	.0%
Political and economic awareness	5	.0%	87.5%	12.5%	5	21.7%	34.2%	44.1%	.0%	.0%	4	.0%	44.1%	55.9%	.0%	.0%
Knowledge of political/physical geography	3	.0%	100.0%	.0%	3	66.3%	.0%	33.7%	.0%	.0%	2	.0%	50.4%	.0%	49.6%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Prescott

								BS Aerospa	ace Studies	;						
		Lleofulpo	ss of Skill on	the leb		_	omnotonco	of this ED/	AU Graduat	•		Compo	tence of Grad	duates from	Other Inct	titutions
	Unw	Oserune	(2)	lile Job	Unw	(1)	ompetence	(3)	10 Gradual	(5)	Unw	(1)	lence or Grad	(3)	Other mist	(5)
	td# of	(1) Very	Somewh	(3) Not	td#	Excelle	(2)	Averag	(4)	Verv	td#	Excelle		Averag	(4)	Very
	Res	Useful	at Useful	Useful	Res	nt	Good	е	Poor	Poor	Res	nt	(2) Good	e	Poor	Poor
	pon				pon						pon					
	dent	Wtd Row	Wtd Row	Wtd	dent	Wtd	Wtd	Wtd	Wtd	_Wtd	dent	Wtd	Wtd Row	Wtd	Wtd	Wtd
Our antitutions (as ath a section	S	%	%	Row %	S	Row %	Row %	Row %	Row %	Row %	S	Row %	%	Row %	Row %	Row %
Quantitative/mathematics	10	23.8%	62.7%	13.5%	10	37.3%	41.3%	21.4%	.0%	.0%	10	10.2%	44.7%	45.1%	.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	10	48.7%	20.4%	30.9%	10	51.8%	23.8%	17.3%	7.1%	.0%	10	10.2%	51.8%	17.3%	20.7%	.0%
Writing skills (non-technical)	10	41.3%	51.5%	7.1%	10	30.9%	54.9%	7.1%	7.1%	.0%	10	17.3%	20.9%	54.6%	.0%	7.1%
Technical writing	10	34.2%	34.9%	30.9%	10	37.3%	31.1%	24.5%	7.1%	.0%	10	17.6%	27.1%	41.1%	14.3%	.0%
Speaking before an audience	10	72.0%	.0%	28.0%	8	39.0%	39.0%	12.9%	9.0%	.0%	8	21.9%	42.9%	17.1%	9.0%	9.0%
Applied research (information gathering and analysis)	10	34.4%	24.5%	41.1%	10	31.1%	30.9%	38.0%	.0%	.0%	10	10.2%	34.4%	55.3%	.0%	.0%
Critical thinking	10	58.7%	34.2%	7.1%	10	44.7%	17.3%	38.0%	.0%	.0%	10	17.3%	20.9%	48.2%	13.5%	.0%
Independent work	10	92.9%	.0%	7.1%	10	58.9%	34.0%	7.1%	.0%	.0%	10	30.9%	24.7%	30.9%	13.5%	.0%
Planning, scheduling, and carrying out projects	10	92.9%	.0%	7.1%	10	38.0%	44.7%	17.3%	.0%	.0%	10	31.8%	47.5%	13.5%	7.1%	.0%
Defining and solving problems	10	85.7%	7.1%	7.1%	10	38.2%	54.6%	7.1%	.0%	.0%	10	17.3%	44.7%	38.0%	.0%	.0%
Working in groups/teams	10	85.5%	7.4%	7.1%	9	51.4%	40.4%	.0%	.0%	8.2%	9	35.7%	20.3%	35.7%	8.2%	.0%
Leading/guiding others	10	48.2%	44.7%	7.1%	10	38.2%	27.6%	13.5%	13.5%	7.1%	10	24.7%	23.8%	44.4%	7.1%	.0%
Responsible actions and decision making	10	72.2%	20.7%	7.1%	10	51.8%	27.6%	13.5%	7.1%	.0%	10	17.3%	27.8%	34.2%	20.7%	.0%
Understanding other people and other points of view	10	85.7%	7.1%	7.1%	10	45.4%	20.4%	13.5%	13.5%	7.1%	10	17.3%	48.5%	13.5%	20.7%	.0%
Environmental awareness	10	51.3%	21.6%	27.1%	10	17.3%	48.5%	13.5%	13.5%	7.1%	10	17.3%	34.9%	34.2%	13.5%	.0%
Political and economic awareness	10	20.7%	48.5%	30.9%	10	30.9%	27.8%	20.7%	13.5%	7.1%	10	17.3%	58.2%	17.3%	7.1%	.0%
Knowledge of political/physical geography	7	17.2%	82.8%	.0%	7	30.2%	22.4%	30.2%	17.2%	.0%	7	13.0%	43.8%	43.2%	.0%	.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 All Years Combined

Daytona Beach

Baytona Boach															
							BS A	erospace S	Studies						
	Unw	Usefulnes	ss of skill on	the Job	Unw	C	Competence	of this ERA	AU Graduat	e	Unw	Com	petence of	other Gradu	uates
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %	(5) Very Poor Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %
(A) Effective communication skills	5	78.3%	21.7%	.0%	5	21.7%	12.5%	44.1%	21.7%	.0%	4	.0%	15.9%	84.1%	.0%
(B) Interpretation of written material	5	77.9%	22.1%	.0%	5	21.7%	34.2%	44.1%	.0%	.0%	4	.0%	15.9%	56.4%	27.7%
(C) Analytical thinking	5	100.0%	.0%	.0%	5	21.7%	56.2%	22.1%	.0%	.0%	4	.0%	44.1%	55.9%	.0%
(D) International perspectives	5	21.7%	65.8%	12.5%	5	21.7%	34.2%	44.1%	.0%	.0%	4	.0%	15.9%	84.1%	.0%
(E) Understanding of basic statistics	5	21.7%	56.6%	21.7%	4	27.7%	15.9%	56.4%	.0%	.0%	4	.0%	15.9%	84.1%	.0%
(F) Cultural awareness	5	21.7%	78.3%	.0%	5	21.7%	12.5%	65.8%	.0%	.0%	4	.0%	15.9%	84.1%	.0%
(G) Interdisciplinary knowledge and skills	5	65.5%	34.5%	.0%	5	21.7%	34.2%	44.1%	.0%	.0%	4	.0%	15.9%	84.1%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Prescott

							BS A	verospace S	Studies						
	Unw	Usefulnes	ss of skill on	the Job	Unw	O	Competence	of this ERA	AU Graduat	e	Unw	Com	petence of	other Gradu	uates
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %	(5) Very Poor Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %
(A) Effective communication skills	10	92.9%	.0%	7.1%	10	48.5%	17.3%	34.2%	.0%	.0%	10	17.3%	54.9%	27.8%	.0%
(B) Interpretation of written material	10	61.8%	31.1%	7.1%	10	65.3%	27.6%	7.1%	.0%	.0%	10	24.7%	47.5%	27.8%	.0%
(C) Analytical thinking	10	75.5%	17.3%	7.1%	10	44.4%	48.5%	7.1%	.0%	.0%	10	17.3%	31.1%	38.0%	13.5%
(D) International perspectives	10	.0%	44.9%	55.1%	6	.0%	53.0%	33.3%	.0%	13.7%	6	.0%	39.3%	47.0%	13.7%
(E) Understanding of basic statistics	10	13.5%	55.6%	30.9%	9	15.7%	20.3%	55.8%	8.2%	.0%	9	8.5%	23.6%	51.4%	16.5%
(F) Cultural awareness	10	30.9%	48.5%	20.7%	10	20.7%	58.7%	13.5%	.0%	7.1%	9	8.2%	43.7%	32.4%	15.7%
(G) Interdisciplinary knowledge and skills	10	72.2%	20.7%	7.1%	9	20.3%	55.8%	15.7%	8.2%	.0%	9	11.8%	56.0%	16.5%	15.7%

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 General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

	ı						RS Aviation	Business A	Administration	าท					
							DO AVIALION	Dusiness F	- allillistiati	JII					
	Unw	Usefulnes	s of Skill or	the Job	Unw	Compe	tence of the	is ERAU Gr	aduate	Unw	Compet	tence of Gra	aduates from	n Other Ins	titutions
	td#		(2)		td#					td#					
	of	(4) 1/	Somew	(O) NI=4	of	(1) Excelle	(0)	(3)	(4)	of	(1)	(0)	(3)	(4)	(5)
	Res	(1) Very Useful	hat Useful	(3) Not Useful	Res	nt	(2) Good	Averag e	(4) Poor	Res	Excelle nt	(2) Good	Averag e	(4) Poor	Very Poor
	pon dent	Wtd Row	Wtd	Wtd	pon dent	Wtd	Wtd	Wtd	Wtd	pon dent	Wtd	Wtd	Wtd	Wtd	Wtd
	S	%	Row %	Row %	S	Row %	Row %	Row %	Row %	S	Row %	Row %	Row %	Row %	Row %
Quantitative/mathematics	12	62.4%	27.4%	10.2%	10	18.9%	50.0%	31.1%	.0%	10	12.1%	62.1%	13.7%	.0%	12.1%
Basic PC software (word processing, spreadsheets, etc.)	12	100.0%	.0%	.0%	12	42.0%	58.0%	.0%	.0%	11	23.0%	60.1%	6.1%	10.8%	.0%
Writing skills (non-technical)	12	73.9%	26.1%	.0%	11	33.8%	27.7%	38.5%	.0%	11	10.8%	33.8%	44.6%	10.8%	.0%
Technical writing	12	46.5%	47.8%	5.7%	11	21.6%	33.8%	44.6%	.0%	11	10.8%	23.0%	55.4%	10.8%	.0%
Speaking before an audience	12	72.6%	17.2%	10.2%	11	21.6%	29.1%	38.5%	10.8%	11	10.8%	39.9%	21.6%	27.7%	.0%
Applied research (information gathering and analysis)	12	72.6%	27.4%	.0%	11	27.7%	29.1%	32.4%	10.8%	11	21.6%	33.8%	44.6%	.0%	.0%
Critical thinking	12	89.8%	10.2%	.0%	11	27.7%	33.8%	38.5%	.0%	11	16.9%	43.2%	39.9%	.0%	.0%
Independent work	12	100.0%	.0%	.0%	11	56.8%	21.6%	21.6%	.0%	11	23.0%	32.4%	44.6%	.0%	.0%
Planning, scheduling, and carrying out projects	12	94.3%	5.7%	.0%	11	44.6%	33.8%	21.6%	.0%	11	16.9%	27.7%	55.4%	.0%	.0%
Defining and solving problems	12	84.1%	15.9%	.0%	11	38.5%	39.9%	10.8%	10.8%	11	10.8%	44.6%	44.6%	.0%	.0%
Working in groups/teams	12	73.9%	26.1%	.0%	11	50.7%	21.6%	27.7%	.0%	11	27.7%	27.7%	44.6%	.0%	.0%
Leading/guiding others	12	66.8%	33.2%	.0%	11	21.6%	29.1%	38.5%	10.8%	11	16.9%	16.9%	66.2%	.0%	.0%
Responsible actions and decision making	12	78.3%	21.7%	.0%	11	33.8%	44.6%	21.6%	.0%	11	23.0%	21.6%	55.4%	.0%	.0%
Understanding other people and other points of view	12	84.1%	15.9%	.0%	11	39.9%	21.6%	38.5%	.0%	11	16.9%	16.9%	66.2%	.0%	.0%
Environmental awareness	12	50.9%	37.6%	11.5%	10	23.0%	29.5%	36.0%	11.5%	10	11.5%	29.5%	59.0%	.0%	.0%
Political and economic awareness	12	30.5%	59.3%	10.2%	10	43.2%	18.9%	37.9%	.0%	10	18.9%	43.2%	37.9%	.0%	.0%
Knowledge of political/physical geography	5	54.1%	45.9%	.0%	5	54.1%	15.3%	30.6%	.0%	5	27.1%	15.3%	27.1%	30.6%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job **All Years Combined**

Daytona Beach

					E	3S Aviation	Business A	dministratio	on				
							tence of this						
		Usefulnes	s of skill on	the Job		Compo	Graduate	21010		Com	petence of	other Gradu	ates
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	Unw td# of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
(A) Apply mgmt theory/concepts into environment	12	58.0%	36.3%	5.7%	11	33.8%	44.6%	21.6%	11	10.8%	39.9%	49.3%	.0%
(B) Apply account/financial info for decision making	12	68.1%	15.9%	15.9%	10	25.8%	62.1%	12.1%	10	13.7%	67.4%	18.9%	.0%
(C) Knowledge of macro/micro-economics into decision making	12	36.3%	36.3%	27.4%	9	19.2%	31.5%	49.2%	8	21.9%	28.1%	50.0%	.0%
(D) Apply stats/quantitative tech to problem solving	12	56.7%	27.4%	15.9%	10	25.8%	62.1%	12.1%	10	50.0%	31.1%	12.1%	6.8%
(E) Integrate mkting concepts/practices into mkt strategies	4	18.0%	32.0%	50.0%	2	36.1%	63.9%	.0%	2	.0%	63.9%	36.1%	.0%
(F) Formulate business decisions using ethics	12	78.3%	21.7%	.0%	12	31.9%	58.0%	10.2%	12	21.7%	42.0%	36.3%	.0%
(G) Access/analyze/communicate info	11	100.0%	.0%	.0%	11	56.8%	21.6%	21.6%	10	37.9%	43.2%	18.9%	.0%
Awareness of personnel practices*	8	46.7%	44.8%	8.4%	7	.0%	51.1%	48.9%	7	.0%	34.7%	65.3%	.0%
Ability to access, analyze, and present information*	8	38.3%	38.3%	23.4%	6	11.0%	69.5%	19.5%	6	19.5%	41.5%	39.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							BS Civi	I Engineering						
	Unw	Usefulne	ss of Skill o	n the Job	Unw	Comp	etence of th	nis ERAU Gra	aduate	Unw	Compe	tence of Gra	aduates fror	n Other
	td # of Res pon	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	td # of Res pon	(1) Excelle nt	(2) Good	(3) Average	(4) Poor	td # of Res pon	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor
	dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	7	37.6%	62.4%	.0%	7	19.9%	45.0%	35.0%	.0%	7	27.4%	72.6%	.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	7	82.6%	.0%	17.4%	7	27.6%	27.4%	45.0%	.0%	6	33.1%	45.5%	21.4%	.0%
Writing skills (non-technical)	7	37.6%	62.4%	.0%	7	.0%	10.0%	90.0%	.0%	7	.0%	27.4%	72.6%	.0%
Technical writing	7	47.6%	35.0%	17.4%	6	.0%	33.4%	66.6%	.0%	6	.0%	12.1%	54.5%	33.4%
Speaking before an audience	7	27.6%	44.7%	27.6%	7	.0%	19.9%	80.1%	.0%	7	.0%	27.4%	62.7%	10.0%
Applied research (information gathering and analysis)	7	55.0%	45.0%	.0%	7	10.0%	10.0%	70.1%	10.0%	7	.0%	72.4%	27.6%	.0%
Critical thinking	7	72.6%	27.4%	.0%	7	10.0%	10.0%	80.1%	.0%	7	10.0%	44.7%	45.3%	.0%
Independent work	6	45.5%	54.5%	.0%	7	27.6%	27.4%	45.0%	.0%	7	10.0%	45.0%	45.0%	.0%
Planning, scheduling, and carrying out projects	7	65.0%	35.0%	.0%	7	27.6%	17.4%	45.0%	10.0%	7	27.4%	17.7%	55.0%	.0%
Defining and solving problems	7	82.6%	17.4%	.0%	7	.0%	45.0%	55.0%	.0%	7	17.4%	27.6%	55.0%	.0%
Working in groups/teams	7	82.3%	17.7%	.0%	7	27.4%	.0%	62.7%	10.0%	7	27.4%	17.4%	55.3%	.0%
Leading/guiding others	7	27.4%	72.6%	.0%	7	10.0%	17.4%	62.7%	10.0%	7	27.4%	17.4%	55.3%	.0%
Responsible actions and decision making	7	82.3%	17.7%	.0%	7	17.7%	10.0%	72.4%	.0%	7	.0%	55.0%	45.0%	.0%
Understanding other people and other points of view	7	72.6%	27.4%	.0%	7	10.0%	.0%	80.1%	10.0%	7	10.0%	17.4%	72.6%	.0%
Environmental awareness	7	37.6%	52.4%	10.0%	5	13.7%	.0%	86.3%	.0%	5	13.7%	.0%	86.3%	.0%
Political and economic awareness	7	27.6%	44.7%	27.6%	5	.0%	13.7%	86.3%	.0%	5	.0%	37.6%	62.4%	.0%
Knowledge of political/physical geography	4	27.9%	72.1%	.0%	3	.0%	.0%	100.0%	.0%	3	.0%	38.6%	61.4%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							BS Civil	Engineerin	g					
	Unw td # of Res pon dent	Usefulne (1) Very Useful Wtd	ss of skill or (2) Somew hat Useful Wtd	(3) Not Useful Wtd	Unw td # of Res pon dent	Compe (1) Excelle nt Wtd	(2) Good Wtd	s ERAU Gr (3) Averag e Wtd	aduate (4) Poor Wtd	Unw td # of Res pon dent	(1) Excelle nt Wtd	npetence of c (2) Good Wtd Row	(3) Averag e Wtd	(4) Poor Wtd
	S	Row %	Row %	Row %	S	Row %	Row %	Row %	Row %	s	Row %	%	Row %	Row %
(A) Airport planning and design	6	11.1%	38.9%	50.0%	3	22.2%	38.6%	39.2%	.0%	3	22.2%	.0%	.0%	77.8%
(B) Transportation engineering	6	11.1%	58.2%	30.7%	4	16.0%	27.9%	56.2%	.0%	4	16.0%	27.9%	28.3%	27.9%
(C) Hydraulics/hydrology	6	58.2%	11.1%	30.7%	4	.0%	72.1%	27.9%	.0%	4	27.9%	44.3%	27.9%	.0%
(D) Materials testing	6	30.7%	30.4%	38.9%	4	.0%	50.3%	49.7%	.0%	4	.0%	50.3%	49.7%	.0%
(E) Construction eng/mgmt	6	61.1%	.0%	38.9%	4	.0%	81.9%	18.1%	.0%	4	31.6%	50.3%	18.1%	.0%
(F) Soil mechanics	6	38.9%	11.1%	50.0%	3	.0%	61.4%	38.6%	.0%	3	.0%	100.0%	.0%	.0%
(G) Pavement design	6	11.1%	58.2%	30.7%	3	22.2%	.0%	77.8%	.0%	3	22.2%	.0%	.0%	77.8%
(H) Structural analysis and design	6	11.1%	49.7%	39.2%	3	.0%	53.4%	46.6%	.0%	4	.0%	18.2%	50.0%	31.8%
(I) Computer skills for civil eng analysis/design	6	50.0%	30.7%	19.3%	5	23.9%	62.4%	.0%	13.7%	5	23.9%	38.0%	38.0%	.0%
(J) CAD	6	61.1%	19.6%	19.3%	5	23.9%	62.4%	.0%	13.7%	5	37.6%	24.3%	38.0%	.0%
(K) Environmental engineering	6	50.3%	19.3%	30.4%	4	.0%	72.3%	27.7%	.0%	4	.0%	44.1%	55.9%	.0%
(L) Understand/adapt to challenges of civil eng	6	69.6%	11.1%	19.3%	5	13.7%	72.5%	13.7%	.0%	6	30.4%	38.9%	30.7%	.0%
(M) Apply skills/ knowledge to problems	6	69.6%	30.4%	.0%	6	11.1%	58.5%	19.3%	11.1%	6	30.4%	38.9%	30.7%	.0%
(N) Recognize need to cont. prof. development	6	88.9%	11.1%	.0%	6	30.4%	39.2%	30.4%	.0%	5	37.6%	24.3%	38.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							BS Con	nmunication	1					
	Unw	Usefulnes	s of Skill or	the Job	Unw	Compe	tence of the	is ERAU Gr	aduate	Unw	Compe		raduates from tutions	n Other
	td # of Res pon	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	td# of Res pon	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	td # of Res pon	(1) Excelle nt	(2) Good	(3) Average	(4) Poor
	dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	6	50.2%	36.5%	13.3%	5	42.1%	15.4%	42.5%	.0%	3	.0%	26.5%	73.5%	.0%
Basic PC software (word processing, spreadsheets, etc.)	6	100.0%	.0%	.0%	6	63.1%	36.9%	.0%	.0%	3	.0%	53.0%	47.0%	.0%
Writing skills (non-technical)	6	100.0%	.0%	.0%	6	49.8%	13.3%	13.3%	23.6%	3	.0%	53.0%	47.0%	.0%
Technical writing	6	50.2%	36.5%	13.3%	5	57.5%	.0%	15.4%	27.2%	3	.0%	53.0%	47.0%	.0%
Speaking before an audience	6	60.1%	39.9%	.0%	6	36.5%	13.3%	26.6%	23.6%	3	53.0%	.0%	47.0%	.0%
Applied research (information gathering and analysis)	6	86.7%	.0%	13.3%	6	63.1%	.0%	36.9%	.0%	3	.0%	53.0%	47.0%	.0%
Critical thinking	6	100.0%	.0%	.0%	6	63.1%	.0%	36.9%	.0%	3	.0%	53.0%	47.0%	.0%
Independent work	6	100.0%	.0%	.0%	6	63.1%	13.3%	23.6%	.0%	3	26.5%	26.5%	47.0%	.0%
Planning, scheduling, and carrying out projects	6	100.0%	.0%	.0%	6	63.1%	.0%	36.9%	.0%	3	.0%	26.5%	73.5%	.0%
Defining and solving problems	6	100.0%	.0%	.0%	6	36.5%	26.6%	36.9%	.0%	3	.0%	26.5%	73.5%	.0%
Working in groups/teams	6	86.7%	13.3%	.0%	6	36.5%	63.5%	.0%	.0%	2	.0%	36.1%	63.9%	.0%
Leading/guiding others	6	86.7%	13.3%	.0%	6	36.5%	26.6%	36.9%	.0%	3	.0%	26.5%	73.5%	.0%
Responsible actions and decision making	6	100.0%	.0%	.0%	6	63.1%	13.3%	23.6%	.0%	3	.0%	26.5%	73.5%	.0%
Understanding other people and other points of view	6	100.0%	.0%	.0%	6	63.1%	13.3%	23.6%	.0%	3	.0%	26.5%	73.5%	.0%
Environmental awareness	6	23.2%	50.2%	26.6%	5	26.8%	30.7%	42.5%	.0%	3	.0%	.0%	100.0%	.0%
Political and economic awareness	6	23.6%	49.8%	26.6%	5	26.8%	57.9%	15.4%	.0%	3	.0%	.0%	100.0%	.0%
Knowledge of political/physical geography	5	27.2%	42.1%	30.7%	4	31.6%	50.3%	18.1%	.0%	3	.0%	.0%	53.0%	47.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

						B	S Communica	ation					
	Unw td# of	Usefulne	ess of skill or	the Job	Unw td# of	Com _l	petence of thi	is ERAU Gra	duate	Unw td# of	Compete	nce of other (Graduates
	Res pon dent	(1) Very Useful Wtd Row	Somewh at Useful Wtd Row	(3) Not Useful Wtd Row	Res pon dent	Excelle nt Wtd	(2) Good Wtd Row	(3) Average Wtd Row	(4) Poor Wtd	Res pon dent	(2) Good Wtd	(3) Average Wtd Row	(4) Poor Wtd
	S	%	%	%	S	Row %	%	%	Row %	S	Row %	%	Row %
(A) Able to write press releases, etc	3	100.0%	.0%	.0%	3	.0%	26.5%	73.5%	.0%	2	.0%	100.0%	.0%
(B) Understand/Apply PR theory and practice	3	47.0%	53.0%	.0%	3	.0%	26.5%	73.5%	.0%	2	.0%	100.0%	.0%
(C) Understand/Apply journalistic writing genres	3	73.5%	26.5%	.0%	3	.0%	26.5%	73.5%	.0%	2	.0%	100.0%	.0%
(D) Understand theories of fight, history of aviation	3	47.0%	.0%	53.0%	1	.0%	.0%	100.0%	.0%	1	.0%	100.0%	.0%
(E) Competency in basic graphic design	3	53.0%	47.0%	.0%	2	50.0%	50.0%	.0%	.0%	2	.0%	63.9%	36.1%
(F) Competency in oral presentations	3	47.0%	53.0%	.0%	3	.0%	26.5%	26.5%	47.0%	3	53.0%	47.0%	.0%
(G) Ability to plan/development of doc	3	.0%	100.0%	.0%	3	.0%	.0%	100.0%	.0%	3	26.5%	73.5%	.0%
(H) Understand importance of editing copy	3	26.5%	47.0%	26.5%	2	.0%	36.1%	63.9%	.0%	1	.0%	100.0%	.0%
(I) Understand crisis communication theory	3	.0%	47.0%	53.0%	1	.0%	.0%	100.0%	.0%	1	.0%	100.0%	.0%
(J) Understand writing for specific audiences	3	73.5%	26.5%	.0%	3	.0%	26.5%	73.5%	.0%	2	.0%	63.9%	36.1%
(K) Appreciate ethical behavior	3	73.5%	26.5%	.0%	3	.0%	100.0%	.0%	.0%	2	36.1%	63.9%	.0%
(L) Understand/Apply comp online/internet writing/design	3	73.5%	26.5%	.0%	2	.0%	63.9%	36.1%	.0%	2	.0%	100.0%	.0%
(M) Understand globalization of public affairs, etc	3	.0%	47.0%	53.0%	1	.0%	100.0%	.0%	.0%	1	.0%	100.0%	.0%
(N) Understand increasing role of digital media	3	26.5%	73.5%	.0%	3	.0%	73.5%	26.5%	.0%	2	.0%	100.0%	.0%
(O) Possess skills to work as part of a team	3	73.5%	26.5%	.0%	3	.0%	26.5%	73.5%	.0%	2	36.1%	63.9%	.0%
(P) Understand basic management structures	3	.0%	100.0%	.0%	3	.0%	26.5%	73.5%	.0%	2	.0%	100.0%	.0%
(Q) Understand/Apply basic software skills	3	26.5%	73.5%	.0%	3	26.5%	73.5%	.0%	.0%	2	36.1%	63.9%	.0%
(R) Develop portfolio by sr year	2	.0%	.0%	100.0%	0	.0%	.0%	.0%	.0%	0	.0%	.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							BS	Engineering	Physics						
	Unw	Usefulne	ss of Skill o	n the Job	Unw	C	Competence	of this ER	AU Graduat	e	Unw	Compe		raduates fron tutions	n Other
	td # of Res pon dent	(1) Very Useful Wtd	(2) Somew hat Useful Wtd	(3) Not Useful Wtd	td # of Res pon dent	(1) Excelle nt Wtd	(2) Good Wtd	(3) Averag e Wtd	(4) Poor Wtd	(5) Very Poor Wtd	td # of Res pon dent	(1) Excelle nt Wtd	(2) Good Wtd	(3) Average Wtd Row	(4) Poor Wtd
Quantitative/mathematics	S	Row %	Row %	Row %	s	Row %	Row %	Row %	Row %	Row %	S	Row %	Row %	%	Row %
Basic PC software (word processing, spreadsheets, etc.)	5 5	69.2% 84.6%	.0%	.0%	5	42.3% 84.6%	.0%	.0%	26.9% 15.4%	.0%	4	31.8% 31.8%	.0%	36.5% 50.0%	.0% 18.2%
Writing skills (non-technical)	5	42.3%	42.3%	15.4%	5	.0%	57.7%	42.3%	.0%	.0%	4	18.2%	.0%	50.0%	31.8%
Technical writing	5	57.7%	26.9%	15.4%	5	.0%	57.7%	15.4%	26.9%	.0%	4	.0%	50.0%	18.2%	31.8%
Speaking before an audience	5	69.2%	15.4%	15.4%	5	15.4%	15.4%	42.3%	26.9%	.0%	4	.0%	18.2%	81.8%	.0%
Applied research (information gathering and analysis)	5	69.2%	30.8%	.0%	5	26.9%	.0%	30.8%	42.3%	.0%	4	.0%	63.5%	18.2%	18.2%
Critical thinking	5	42.3%	42.3%	15.4%	5	.0%	42.3%	42.3%	15.4%	.0%	4	.0%	31.8%	68.2%	.0%
Independent work	5	57.7%	26.9%	15.4%	5	15.4%	57.7%	.0%	26.9%	.0%	4	.0%	31.8%	68.2%	.0%
Planning, scheduling, and carrying out projects	5	57.7%	26.9%	15.4%	5	30.8%	42.3%	26.9%	.0%	.0%	4	.0%	.0%	100.0%	.0%
Defining and solving problems	5	57.7%	26.9%	15.4%	5	26.9%	30.8%	42.3%	.0%	.0%	4	.0%	31.8%	68.2%	.0%
Working in groups/teams	5	57.7%	26.9%	15.4%	5	42.3%	26.9%	15.4%	.0%	15.4%	4	.0%	31.8%	50.0%	18.2%
Leading/guiding others	5	42.3%	42.3%	15.4%	5	.0%	42.3%	30.8%	26.9%	.0%	4	.0%	31.8%	68.2%	.0%
Responsible actions and decision making	5	42.3%	42.3%	15.4%	5	.0%	84.6%	15.4%	.0%	.0%	4	.0%	31.8%	68.2%	.0%
Understanding other people and other points of view	5	42.3%	42.3%	15.4%	5	.0%	42.3%	42.3%	15.4%	.0%	4	.0%	50.0%	50.0%	.0%
Environmental awareness	5	.0%	73.1%	26.9%	4	.0%	21.1%	78.9%	.0%	.0%	3	.0%	.0%	100.0%	.0%
Political and economic awareness	5	15.4%	57.7%	26.9%	4	21.1%	.0%	78.9%	.0%	.0%	3	.0%	.0%	100.0%	.0%
Knowledge of political/physical geography	4	.0%	68.2%	31.8%	3	26.7%	46.6%	26.7%	.0%	.0%	2	.0%	63.5%	36.5%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							BS E	ngineering	Physics						
	Unw	Usefulne	ss of skill o	n the Job	Unw	C	Competence	of this ERA	AU Graduat	e	Unw	Com	petence of	other Gradi	uates
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %	(5) Very Poor Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %
(A) Apply knowledge of math/sci/eng	5	84.6%	15.4%	.0%	5	42.3%	15.4%	42.3%	.0%	.0%	4	31.8%	.0%	68.2%	.0%
(B) Design and conduct experiments	5	84.6%	15.4%	.0%	5	26.9%	30.8%	42.3%	.0%	.0%	4	31.8%	31.8%	36.5%	.0%
(C) Analyze and interpret data	5	84.6%	.0%	15.4%	5	26.9%	30.8%	15.4%	26.9%	.0%	4	.0%	31.8%	68.2%	.0%
(D) Design sys/comp/pro to meet needs	5	69.2%	30.8%	.0%	5	.0%	57.7%	26.9%	15.4%	.0%	4	.0%	31.8%	36.5%	31.8%
(E) Function of multi-disciplinary teams	5	84.6%	.0%	15.4%	5	42.3%	26.9%	15.4%	15.4%	.0%	4	.0%	31.8%	68.2%	.0%
(F) Identify, formulate, and solve eng problems	5	57.7%	26.9%	15.4%	5	26.9%	30.8%	42.3%	.0%	.0%	4	.0%	31.8%	68.2%	.0%
(G) Understand prof/ethical responsibility	5	57.7%	26.9%	15.4%	5	42.3%	15.4%	26.9%	.0%	15.4%	4	31.8%	.0%	68.2%	.0%
(H) Communicate effectively	5	57.7%	26.9%	15.4%	5	15.4%	42.3%	26.9%	15.4%	.0%	4	.0%	50.0%	50.0%	.0%
(I) Understand the impact of eng solutions	5	30.8%	42.3%	26.9%	4	.0%	78.9%	21.1%	.0%	.0%	3	.0%	46.6%	53.4%	.0%
(J) Recognize/engage in life-long learning	5	57.7%	26.9%	15.4%	5	42.3%	15.4%	26.9%	15.4%	.0%	4	31.8%	.0%	50.0%	18.2%
(K) Knowledge of contemporary issues	5	15.4%	84.6%	.0%	5	.0%	57.7%	42.3%	.0%	.0%	4	.0%	31.8%	68.2%	.0%
(L) Use of eng tools engineering practice	5	42.3%	42.3%	15.4%	5	42.3%	15.4%	42.3%	.0%	.0%	4	31.8%	.0%	68.2%	.0%
(M) Knowledge of classical mechanics	5	69.2%	30.8%	.0%	5	.0%	57.7%	26.9%	15.4%	.0%	4	.0%	31.8%	18.2%	50.0%
(N) Knowledge of eng electricity and magnetism	5	26.9%	73.1%	.0%	5	26.9%	30.8%	26.9%	15.4%	.0%	4	.0%	31.8%	50.0%	18.2%
(O) Knowledge of space physics	5	69.2%	15.4%	15.4%	5	42.3%	15.4%	.0%	42.3%	.0%	4	.0%	31.8%	18.2%	50.0%
(P) Knowledge of quantum physics (Q) Knowledge of space sys eng/design	5 5	42.3% 42.3%	30.8% 15.4%	26.9% 42.3%	3 4	46.6% 36.7%	53.4% 42.2%	.0%	.0%	.0%	3	63.5%	.0%	36.5% 53.4%	.0%
(R) Knowledge of electro-optical engineering	5	42.3%	15.4%	42.3%	3	.0%	73.3%	26.7%	.0%	.0%	2	.0%	63.5%	36.5%	.0%
(S) Knowledge of microcomputers/elect instrument	5	53.7%	46.3%	.0%	5	53.7%	30.8%	15.4%	.0%	.0%	4	31.8%	.0%	68.2%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							D	S Human Fa	otore Deveh	ology						
·							D-	o Human Fa	LIUIS PSYCII	ology	1					
		Usefulne	ess of Skill o	on the Job			Competenc	e of this ERA	U Graduate	9	l	Compe	etence of Gra	duates fron	Other Inst	titutions
	Unw td#	Coordina	(2)	311 1110 000	Unw td#		Competenc	0 01 4110 214	- Oraquan	ĺ	Unw td#	Compe	1	dudico iron		110110110
	of		Somew		of	(1)					of	(1)		(3)		
	Res	(1) Very	hat	(3) Not	Res	Excelle	(2)	(3)	(4)	(5) Very	Res	Excelle		Averag	(4)	(5) Very
	pon	Useful	Useful	Useful	pon	nt	Good	Average	Poor	Poor	pon	nt	(2) Good	е	Poor	Poor
	dent	Wtd Row %	Wtd	Wtd Row	dent	Wtd	Wtd Row %	Wtd Row	Wtd Row %	Wtd Row %	dent	Wtd	Wtd Row	Wtd	Wtd	Wtd
Quantitative/mathematics	s	28.2%	Row % 55.9%	% 15.9%	S 4	Row %	84.1%	.0%	.0%	15.9%	s 3	Row % 38.6%	% 39.2%	Row %	Row %	Row % 22.2%
Basic PC software (word	4	20.270	33.9%	13.9%	4	.0%	04.176	.0%	.0%	13.9%	3	30.0%	39.2%	.0%	.0%	22.270
processing, spreadsheets, etc.)	5	86.3%	.0%	13.7%	5	48.2%	24.3%	13.7%	.0%	13.7%	4	31.6%	50.3%	.0%	.0%	18.1%
Writing skills (non-technical)	5	48.6%	51.4%	.0%	5	.0%	48.6%	37.6%	13.7%	.0%	4	.0%	68.4%	31.6%	.0%	.0%
Technical writing	4	84.1%	.0%	15.9%	4	27.7%	28.2%	28.2%	15.9%	.0%	3	.0%	77.8%	.0%	22.2%	.0%
Speaking before an audience	4	56.4%	27.7%	15.9%	4	.0%	27.7%	56.4%	.0%	15.9%	3	.0%	39.2%	38.6%	22.2%	.0%
Applied research (information gathering and analysis)	4	55.9%	28.2%	15.9%	4	.0%	55.9%	28.2%	.0%	15.9%	3	.0%	77.8%	.0%	.0%	22.2%
Critical thinking	4	55.9%	28.2%	15.9%	4	28.2%	55.9%	.0%	.0%	15.9%	3	.0%	77.8%	.0%	.0%	22.2%
Independent work	5	48.2%	38.0%	13.7%	5	48.2%	.0%	38.0%	.0%	13.7%	4	18.1%	63.7%	.0%	.0%	18.1%
Planning, scheduling, and carrying out projects	5	86.3%	.0%	13.7%	5	48.2%	.0%	38.0%	.0%	13.7%	4	18.1%	32.1%	31.6%	18.1%	.0%
Defining and solving problems	4	84.1%	.0%	15.9%	4	28.2%	27.7%	28.2%	.0%	15.9%	3	.0%	77.8%	.0%	.0%	22.2%
Working in groups/teams	4	84.1%	.0%	15.9%	4	27.7%	56.4%	.0%	.0%	15.9%	3	.0%	77.8%	.0%	.0%	22.2%
Leading/guiding others	4	84.1%	.0%	15.9%	4	27.7%	28.2%	28.2%	.0%	15.9%	3	.0%	77.8%	.0%	.0%	22.2%
Responsible actions and decision making	4	84.1%	.0%	15.9%	4	.0%	55.9%	28.2%	.0%	15.9%	3	.0%	77.8%	.0%	.0%	22.2%
Understanding other people and other points of view	4	84.1%	.0%	15.9%	4	27.7%	28.2%	28.2%	.0%	15.9%	3	.0%	39.2%	38.6%	22.2%	.0%
Environmental awareness	3	.0%	66.5%	33.5%	3	.0%	33.5%	66.5%	.0%	.0%	2	.0%	50.4%	49.6%	.0%	.0%
Political and economic awareness	3	.0%	33.5%	66.5%	2	.0%	.0%	100.0%	.0%	.0%	1	.0%	100.0%	.0%	.0%	.0%
Knowledge of political/physical geography	1	.0%	.0%	100.0%	0	.0%	.0%	.0%	.0%	.0%	0	.0%	.0%	.0%	.0%	.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 All Years Combined

Daytona Beach

							BS Hum	an Factors	Psychology	/					
	Unw	Usefulne	ss of skill o	n the Job	Unw	(Competence	of this ER	AU Graduat	e	Unw	Com	petence of	other Gradu	uates
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %	(5) Very Poor Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(4) Poor Wtd Row %	(5) Very Poor Wtd Row %
(A) Knowledge of human psycho/cog/percep functioning	4	55.9%	.0%	44.1%	4	27.7%	56.4%	.0%	.0%	15.9%	3	38.6%	39.2%	.0%	22.2%
(B) Knowledge of hf including mds/mdls/cap/limits	4	55.9%	28.2%	15.9%	4	.0%	56.4%	27.7%	.0%	15.9%	3	.0%	77.8%	.0%	22.2%
(C) Knowledge of stats procedures	4	28.2%	71.8%	.0%	4	.0%	28.2%	55.9%	15.9%	.0%	3	.0%	77.8%	22.2%	.0%
(D) Research methods and design skills	4	28.2%	55.9%	15.9%	4	.0%	28.2%	55.9%	.0%	15.9%	3	.0%	77.8%	.0%	22.2%
(E) Effective oral and written communication skills	4	84.1%	.0%	15.9%	4	.0%	55.9%	28.2%	.0%	15.9%	3	.0%	77.8%	22.2%	.0%
(F) Ability to read/comprehend/analyze results of studies	4	56.4%	43.6%	.0%	4	.0%	55.9%	28.2%	15.9%	.0%	3	.0%	77.8%	22.2%	.0%
(G) Understand application of hf/psy knowledge in av	4	55.9%	28.2%	15.9%	4	.0%	84.1%	.0%	.0%	15.9%	3	.0%	77.8%	.0%	22.2%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

						BS	Managem	ent of Tech	nical Opera	tions					
		Usefulne	ss of Skill o	n the Job		Compe	etence of thi	s ERAU Gr	aduate		Compete	ence of Gra	duates fron	n Other Ins	titutions
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	22	37.1%	45.2%	17.7%	20	38.5%	38.1%	23.4%	.0%	15	22.2%	45.3%	28.5%	.0%	4.0%
Basic PC software (word processing, spreadsheets, etc.)	23	92.9%	7.1%	.0%	22	60.0%	32.0%	8.0%	.0%	17	15.8%	52.9%	31.4%	.0%	.0%
Writing skills (non-technical)	23	73.1%	26.9%	.0%	22	51.5%	36.7%	11.7%	.0%	17	9.8%	48.8%	37.8%	3.8%	.0%
Technical writing	23	54.3%	34.6%	11.1%	20	38.8%	47.9%	13.3%	.0%	15	5.5%	59.8%	30.4%	4.2%	.0%
Speaking before an audience	22	47.7%	44.5%	7.9%	17	37.5%	42.0%	9.5%	11.0%	12	13.4%	29.0%	52.4%	5.1%	.0%
Applied research (information gathering and analysis)	22	57.0%	39.3%	3.7%	20	52.6%	40.1%	7.3%	.0%	15	17.1%	36.2%	42.5%	.0%	4.2%
Critical thinking	22	83.6%	16.4%	.0%	20	56.6%	33.9%	9.4%	.0%	14	18.0%	25.8%	56.2%	.0%	.0%
Independent work	23	83.5%	16.5%	.0%	22	64.1%	24.3%	11.6%	.0%	17	14.6%	54.2%	31.2%	.0%	.0%
Planning, scheduling, and carrying out projects	23	84.2%	15.8%	.0%	22	51.7%	44.1%	4.2%	.0%	17	9.8%	42.4%	47.9%	.0%	.0%
Defining and solving problems	22	67.2%	32.8%	.0%	21	50.0%	34.7%	15.2%	.0%	15	17.0%	35.3%	47.6%	.0%	.0%
Working in groups/teams	22	88.4%	7.4%	4.1%	21	63.0%	19.6%	8.3%	9.1%	16	16.1%	31.5%	52.4%	.0%	.0%
Leading/guiding others	22	62.5%	37.5%	.0%	20	48.3%	30.4%	21.3%	.0%	15	10.9%	24.4%	64.7%	.0%	.0%
Responsible actions and decision making	22	83.6%	16.4%	.0%	21	54.4%	36.5%	9.1%	.0%	16	16.1%	28.2%	55.8%	.0%	.0%
Understanding other people and other points of view	22	84.3%	15.7%	.0%	21	50.0%	32.6%	17.4%	.0%	16	5.2%	44.8%	50.0%	.0%	.0%
Environmental awareness	22	48.5%	26.7%	24.7%	17	59.6%	25.5%	14.9%	.0%	13	13.2%	28.6%	58.3%	.0%	.0%
Political and economic awareness	22	31.7%	39.3%	29.0%	14	29.4%	35.4%	35.2%	.0%	9	8.2%	29.4%	62.4%	.0%	.0%
Knowledge of political/physical geography	18	43.8%	20.7%	35.6%	12	60.4%	25.2%	14.3%	.0%	8	23.3%	43.0%	33.6%	.0%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

					BS Mar	nagement o	f Technical	Operations				
	Unw td # of Res pon dent	Usefulne (1) Very Useful Wtd	ss of skill of (2) Somew hat Useful Wtd	n the Job (3) Not Useful Wtd	Unw td # of Res pon dent	Compe (1) Excelle nt Wtd	tence of this Graduate (2) Good Wtd	(3) Averag e Wtd	Unw td # of Res pon dent		petence of Graduates (2) Good Wtd	
(A) Relate mgmt concepts to	s 17	Row % 38.1%	Row % 53.5%	Row % 8.4%	s 16	Row % 18.8%	Row % 37.7%	Row % 43.5%	s 12	Row % 12.0%	Row % 7.6%	Row % 80.4%
knowledge in tech ops	17	38.1%	53.5%	8.4%	16	18.8%	37.7%	43.5%	12	12.0%	7.6%	80.4%
(B) Use acct/fin/stats information in the mgmt of tech ops	17	30.0%	43.3%	26.7%	14	31.0%	33.2%	35.8%	12	14.9%	14.1%	71.0%
(C) Applying org/hr theory & concepts to workplace	17	44.3%	50.4%	5.3%	16	15.1%	29.0%	55.9%	12	13.7%	28.7%	57.6%
(D) Using computer technology to support tech ops	18	70.6%	29.4%	.0%	17	43.5%	30.9%	25.5%	12	7.4%	37.0%	55.6%
(E) Understand social/eco/eth/pol/legal environment	17	31.1%	44.7%	24.2%	15	21.6%	20.4%	57.9%	12	6.8%	27.2%	66.0%
(F) Apply strat/planning principles/tech in a tech op	17	64.2%	31.0%	4.8%	17	35.9%	42.6%	21.5%	13	12.7%	25.5%	61.8%
(G) Using general managerial skills	18	85.9%	14.1%	.0%	18	45.4%	34.6%	20.0%	14	16.5%	13.3%	70.3%
(H) Using managerial skills in computers	18	60.5%	19.5%	20.0%	15	52.4%	28.9%	18.7%	12	18.8%	37.7%	43.5%
(I) Using managerial skills in technical writing	18	27.1%	63.8%	9.0%	17	22.6%	24.2%	53.2%	13	12.6%	25.3%	62.1%
(J) Using mgmt skills in quantitative/mathematics	18	28.5%	42.5%	29.0%	13	31.1%	40.2%	28.7%	11	7.3%	29.2%	63.5%

ERAU General Skills Preparation and Usefulness on the Job

Worldwide

Vorldwide								BS	S Profession	nal Aeronau	ıtics						
									7 101633101	iai Aeionau	nico						
			Usefulnes	s of Skill or	the Job		C	ompetence	of this ER	AU Graduat	te		Compet	ence of Gra	duates fron	n Other Ins	titutions
		Unw td#		(2) Somew		Unw td#	(1)		(3)			Unw td#	(1)		(3)		(5)
		of Res	(1) Very Useful	hat Useful	(3) Not Useful	of Res	Excelle nt	(2) Good	Averag e	(4) Poor	(5) Very Poor	of Res	Excelle nt	(2) Good	Averag e	(4) Poor	Very Poor
		pon				pon						pon					
		dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	2001	19 13	52.6% 34.3%	36.8% 57.1%	10.5% 8.6%	16 12	25.0% 28.1%	25.0% 31.2%	31.3% 40.6%	6.3%	12.5%	15 10	26.7% 11.5%	33.3% 30.7%	20.0% 57.7%	20.0%	.0%
	2003	18	50.0%	50.0%	.0%	16	45.3%	35.3%	19.4%	.0%	.0%	13	8.0%	67.9%	24.1%	.0%	.09
Basic PC software (word	All Years 2001	50	45.4%	48.6%	6.0%	44 16	33.7%	31.1% 37.5%	30.1%	1.7%	3.4% 12.5%	38	14.9%	44.9%	34.1%	6.1% 6.7%	.09
processing,	2001	19 14	68.4% 100.0%	15.8%	15.8%	14	25.0% 23.7%	57.9%	18.8% 18.4%	6.3%	.0%	15 12	20.0% 9.4%	40.0% 43.7%	26.7% 46.9%	.0%	6.7%
spreadsheets, etc.)	2003	18	91.4%	8.6%	.0%	16	54.7%	45.3%	.0%	.0%	.0%	13	3.6%	72.3%	24.1%	.0%	.0%
Writing skills	All Years 2001	51 19	88.0% 47.4%	7.5% 36.8%	4.5% 15.8%	46 16	35.0% 18.8%	48.2% 50.0%	12.0% 18.8%	1.6%	3.2% 12.5%	40 15	10.5% 13.3%	52.2% 20.0%	33.5% 53.3%	1.9%	1.9%
(non-technical)	2002	13	82.9%	17.1%	.0%	14	15.8%	65.8%	18.4%	.0%	.0%	11	10.3%	34.5%	55.2%	.0%	.0%
	2003 All Years	18 50	79.6% 71.3%	20.4%	.0%	16 46	64.7% 33.9%	28.8% 48.6%	6.5% 14.3%	.0%	.0%	13 39	16.1% 13.2%	51.8% 36.2%	32.1% 46.7%	.0%	.0%
Technical writing	2001	19	36.8%	47.4%	15.8%	15	13.3%	26.7%	40.0%	13.3%	6.7%	14	7.1%	21.4%	50.0%	21.4%	.0%
	2002 2003	14	57.9%	39.5%	2.6%	14	23.7%	39.5%	36.8%	.0%	.0%	12	9.4%	18.8%	71.9%	.0%	.0%
	All Years	17 50	78.3% 58.8%	18.9% 34.7%	2.8% 6.5%	16 45	58.2% 33.6%	41.8% 37.1%	.0%	.0%	.0% 1.6%	13 39	.0%	59.8% 33.5%	40.2% 55.2%	.0% 5.8%	.0%
Speaking before an audience	2001	19	42.1%	31.6%	26.3%	15	33.3%	13.3%	26.7%	13.3%	13.3%	13	15.4%	46.2%	30.8%	7.7%	.0%
addiction	2002	14 18	52.6% 59.1%	39.5% 38.2%	7.9% 2.7%	13 16	22.8% 45.3%	34.3% 48.2%	42.9% 6.5%	.0%	.0%	11 13	20.7% 16.1%	13.8% 51.8%	55.2% 32.1%	10.3%	.0%
	All Years	51	52.0%	36.8%	11.2%	44	33.8%	34.1%	25.2%	3.4%	3.4%	37	17.6%	36.1%	40.4%	5.9%	.0%
Applied research (information gathering	2001 2002	19 14	52.6%	21.1%	26.3%	15 14	26.7% 50.0%	26.7%	26.7% 7.9%	6.7%	13.3%	14 12	14.3% 9.4%	14.3%	50.0% 53.1%	14.3% 9.4%	7.1%
and analysis)	2002	18	73.7% 65.1%	26.3% 34.9%	.0%	14	64.7%	42.1% 22.3%	12.9%	.0%	.0%	12	8.0%	28.1% 67.9%	24.1%	.0%	.0%
Orbita al delia lati	All Years	51	64.6%	27.9%	7.5%	45	49.6%	31.2%	14.3%	1.6%	3.3%	39	10.2%	37.9%	42.4%	7.5%	1.9%
Critical thinking	2001	19 14	63.2% 81.6%	21.1% 18.4%	15.8%	16 14	31.3% 47.4%	18.8% 21.0%	31.3% 31.6%	6.3%	12.5% .0%	15 12	13.3% 28.1%	40.0% 18.8%	33.3% 53.1%	6.7%	6.7%
	2003	18	70.4%	29.6%	.0%	16	64.7%	22.3%	12.9%	.0%	.0%	13	24.1%	43.8%	32.1%	.0%	.0%
Independent work	All Years 2001	51 19	72.4% 73.7%	23.2% 10.5%	4.5% 15.8%	46 16	49.3% 43.8%	20.9% 18.8%	24.9% 18.8%	1.6% 6.3%	3.2% 12.5%	40 15	22.6% 33.3%	33.1% 6.7%	40.5% 53.3%	1.9% 6.7%	1.9%
aopondoni work	2002	19	73.7% 84.2%	15.8%	.0%	14	43.8% 57.9%	18.4%	23.7%	.0%	.0%	12	37.5%	9.4%	43.7%	9.4%	.0%
	2003 All Years	18	82.3%	17.7%	.0%	16	51.8%	38.8%	9.4%	.0%	.0%	13	16.1%	48.2%	35.8%	.0%	.0%
Planning, scheduling, and	2001	51 19	80.5% 47.4%	15.0% 36.8%	4.5% 15.8%	46 16	52.1% 12.5%	25.7% 43.8%	17.4% 18.8%	1.6% 12.5%	3.2% 12.5%	40 15	29.2% 13.3%	21.6% 33.3%	43.8% 40.0%	5.5% 6.7%	.0%
carrying out projects	2002	14	84.2%	15.8%	.0%	14	57.9%	18.4%	23.7%	.0%	.0%	12	28.1%	25.0%	46.9%	.0%	.0%
	2003 All Years	18 51	79.6% 72.1%	20.4%	.0% 4.5%	16 46	58.2% 46.3%	35.3% 30.9%	6.5% 16.3%	.0%	.0% 3.2%	13 40	.0%	75.9% 44.3%	24.1% 37.3%	.0% 1.9%	.0%
Defining and solving	2001	19	63.2%	21.1%	15.8%	16	31.3%	18.8%	25.0%	12.5%	12.5%	15	20.0%	20.0%	46.7%	6.7%	6.7%
problems	2002	14 18	76.3% 70.4%	23.7%	.0%	14 16	42.1% 71.2%	18.4% 15.9%	39.5% 12.9%	.0%	.0%	12 13	9.4%	37.5% 51.8%	43.7% 32.1%	9.4%	.0%
	All Years	51	70.4%	25.0%	4.5%	46	49.6%	17.6%	26.4%	3.2%	3.2%	40	14.6%	37.3%	40.7%	5.5%	1.9%
Working in groups/teams	2001 2002	19	68.4%	10.5%	21.1%	16	31.3%	18.8%	31.3%	6.3%	12.5%	15	13.3%	26.7%	40.0%	20.0%	.0%
	2002	14 18	84.2% 73.7%	15.8% 26.3%	.0%	14 16	52.6% 51.8%	23.7% 48.2%	23.7%	.0%	.0%	12 13	18.8%	34.4% 75.9%	46.9% 24.1%	.0%	.0%
Landing/quiding -4	All Years	51	76.0%	18.1%	6.0%	46	46.8%	31.1%	17.3%	1.6%	3.2%	40	11.0%	46.0%	37.3%	5.7%	.0%
Leading/guiding others	2001	19 14	47.4% 68.4%	36.8% 31.6%	15.8%	16 14	12.5% 39.5%	43.8% 28.9%	31.3% 31.6%	.0%	12.5% .0%	15 12	13.3% 18.8%	20.0% 18.8%	53.3% 62.5%	6.7%	6.7%
	2003	18	61.8%	35.5%	2.7%	16	45.3%	51.8%	2.9%	.0%	.0%	13	.0%	56.2%	43.8%	.0%	.0%
Responsible actions and	All Years 2001	51 19	60.1% 63.2%	34.5% 21.1%	5.4% 15.8%	46 16	34.6% 31.3%	40.8% 37.5%	21.4% 12.5%	.0%	3.2% 18.8%	40 15	11.0% 20.0%	31.6% 13.3%	53.7% 46.7%	1.9%	1.9% 6.7%
decision making	2002	14	76.3%	23.7%	.0%	14	50.0%	18.4%	31.6%	.0%	.0%	12	18.8%	40.6%	40.6%	.0%	.0%
	2003 All Years	18 51	73.7% 71.6%	26.3% 23.9%	.0% 4.5%	16 46	58.2% 48.1%	38.8% 30.6%	2.9% 16.5%	.0%	.0%	12 39	8.7% 16.0%	43.7% 33.6%	47.6% 44.6%	.0%	.0%
Understanding other	2001	19	42.1%	42.1%	15.8%	16	31.3%	18.8%	31.3%	12.5%	6.3%	15	13.3%	6.7%	60.0%	13.3%	6.7%
people and other points of view	2002	14	60.5%	39.5%	.0%	14	34.2%	26.3%	39.5%	.0%	.0%	12	9.4%	40.6%	50.0%	.0%	.0%
	2003 All Years	18 51	67.7% 57.9%	32.3% 37.6%	.0% 4.5%	16 46	64.7% 44.2%	25.9% 24.2%	9.4%	.0%	.0% 1.6%	13 40	16.1% 12.7%	48.2% 33.5%	35.8% 48.1%	.0%	.0%
Environmental awareness	2001	19	26.3%	57.9%	15.8%	16	18.8%	25.0%	37.5%	12.5%	6.3%	15	13.3%	6.7%	60.0%	20.0%	.0%
	2002	13 18	37.1% 35.5%	54.3% 55.9%	8.6% 8.6%	13 15	17.1% 40.0%	54.3% 40.0%	28.6% 20.0%	.0%	.0%	11 11	20.7% 9.1%	24.1% 54.5%	55.2% 36.4%	.0%	.0%
	All Years	50	35.5%	55.9%	10.7%	44	25.8%	41.3%	27.9%	3.4%	1.7%	37	14.7%	28.5%	50.7%	6.1%	.0%
	2001 2002	19	15.8%	47.4%	36.8%	15	20.0%	20.0%	33.3%	13.3%	13.3%	14	14.3%	.0%	64.3%	21.4%	.0%
Political and economic awareness	こしてい	13	20.0%	71.4%	8.6%	11	31.0%	31.0% 46.7%	37.9% 20.0%	.0%	.0%	12	15.0% 8.3%	30.0% 50.0%	55.0% 41.7%	.0%	.0%
Political and economic awareness	2003	18	5.9%	73.7%	20.4%	15	33.370	40.7%									
awareness	2003 All Years	50	5.9% 13.6%	73.7% 65.2%	21.2%	15 41	33.3% 28.9%	34.1%	29.7%	3.7%	3.7%	34	12.2%	28.2%	52.8%	6.9%	.0%
	2003																

ERAU Degree Specific Skills Preparation and Usefulness on the Job

Worldwide

								BS	Profession	al Aeronau	ıtics						
			Usefulnes	s of skill on	the Job		С	ompetence	of this ERA	AU Gradua	te			Competen	ce of other	Graduates	1
		Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
		pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
(A) Knowledge/understanding of av law/regulations	2001	15	53.3%	26.7%	20.0%	13	15.4%	53.8%	7.7%	7.7%	15.4%	12	16.7%	33.3%	33.3%	8.3%	8.3%
av iaw.regulations	2002	14	60.5%	23.7%	15.8%	13	25.7%	54.3%	17.1%	2.8%	.0%	10	.0%	50.0%	50.0%	.0%	.0%
	All Years	13 42	76.9%	23.1%	.0%	13 39	61.5%	23.1%	15.4%	.0%	.0%	11 33	.0%	63.6%	27.3%	9.1%	.0%
(B) Understand/app of mgmt	2001	15	63.9% 40.0%	24.3% 46.7%	13.3%	13	35.5% 30.8%	43.4% 38.5%	14.2% 23.1%	.0%	3.7% 7.7%	12	4.5% 25.0%	50.3% 16.7%	37.4% 50.0%	5.5% 8.3%	2.3%
theory/concepts	2002	14	55.3%	36.8%	7.9%	14	31.6%	39.5%	28.9%	.0%	.0%	11	10.3%	51.7%	37.9%	.0%	.0%
	2003	13	61.5%	38.5%	.0%	13	46.2%	38.5%	15.4%	.0%	.0%	11	.0%	72.7%	27.3%	.0%	.0%
	All Years	42	53.3%	39.9%	6.8%	40	36.2%	38.9%	23.1%	.0%	1.8%	34	10.7%	49.7%	37.5%	2.2%	.0%
(C) Understand/use of accounting	2001	15	26.7%	40.0%	33.3%	11	18.2%	9.1%	63.6%	.0%	9.1%	10	20.0%	10.0%	50.0%	20.0%	.0%
and financial information	2002	14	42.1%	42.1%	15.8%	13	25.7%	42.9%	28.6%	2.8%	.0%	10	11.5%	34.6%	53.8%	.0%	.0%
	2003	13	23.1%	61.5%	15.4%	12	41.7%	33.3%	25.0%	.0%	.0%	10	.0%	70.0%	30.0%	.0%	.0%
	All Years	42	32.0%	47.8%	20.2%	36	29.5%	32.2%	35.0%	1.3%	2.0%	30	9.6%	40.9%	44.6%	4.9%	.0%
(D) Use of stats/quantitative	2001	15	40.0%	46.7%	13.3%	13	15.4%	30.8%	38.5%	7.7%	7.7%	12	8.3%	25.0%	58.3%	.0%	8.3%
techniques to solve problems	2002	14	57.9%	42.1%	.0%	14	31.6%	55.3%	10.5%	2.6%	.0%	11	.0%	41.4%	48.3%	10.3%	.0%
	2003	13	30.8%	69.2%	.0%	13	38.5%	46.2%	15.4%	.0%	.0%	11	.0%	72.7%	18.2%	9.1%	.0%
	All Years	42	44.5%	52.0%	3.5%	40	30.1%	46.5%	18.7%	2.9%	1.8%	34	2.2%	47.8%	40.7%	7.2%	2.2%
(E) Understanding of safety issues/prevention techniques etc	2001	15	60.0%	20.0%	20.0%	13	30.8%	30.8%	23.1%	.0%	15.4%	12	16.7%	25.0%	50.0%	8.3%	.0%
issues/prevention techniques etc	2002	14	55.3%	42.1%	2.6%	14	55.3%	31.6%	10.5%	2.6%	.0%	11	10.3%	51.7%	24.1%	13.8%	.0%
	2003 All Years	13	84.6%	15.4%	.0%	13	69.2%	15.4%	15.4%	.0%	.0%	11	.0%	63.6%	27.3%	9.1%	.0%
(F) Knowledge/understand mgmt	2001	42	65.9%	27.8%	6.3%	40	54.2%	26.0%	15.1%	1.1%	3.6%	34	8.5%	48.8%	31.9%	10.8%	.0%
concepts/issues/practices	2001	15 14	26.7% 42.1%	60.0% 57.9%	13.3%	13 14	15.4% 31.6%	30.8% 42.1%	38.5% 26.3%	7.7%	7.7%	12 11	8.3% 10.3%	33.3% 41.4%	58.3% 44.8%	.0%	.0%
	2002	13	30.8%	69.2%	.0%	13	53.8%	30.8%	15.4%	.0%	.0%	11	9.1%	63.6%	27.3%	.0%	.0%
	All Years	42	34.4%	62.1%	3.5%	40	35.2%	35.7%	25.5%	1.8%	1.8%	34	9.4%	46.8%	42.4%	1.4%	.0%
(G) Knowledge/understand aero	2001	15	46.7%	40.0%	13.3%	13	23.1%	38.5%	30.8%	.0%	7.7%	12	8.3%	41.7%	25.0%	16.7%	8.3%
sci/tech/ops	2002	14	65.8%	34.2%	.0%	14	42.1%	42.1%	15.8%	.0%	.0%	11	10.3%	55.2%	31.0%	3.4%	.0%
	2003	13	69.2%	30.8%	.0%	13	61.5%	23.1%	15.4%	.0%	.0%	11	.0%	63.6%	36.4%	.0%	.0%
	All Years	42	61.9%	34.6%	3.5%	40	44.1%	34.9%	19.2%	.0%	1.8%	34	6.3%	54.5%	31.3%	5.7%	2.2%
(H) Dealing with integrity issues	2002	13	100.0%	.0%	.0%	13	62.9%	28.6%	8.6%	.0%	.0%	10	23.1%	50.0%	26.9%	.0%	.0%
	All Years	13	100.0%	.0%	.0%	13	62.9%	28.6%	8.6%	.0%	.0%	10	23.1%	50.0%	26.9%	.0%	.0%
(I) Developing your moral	2002	13	91.4%	8.6%	.0%	13	65.7%	34.3%	.0%	.0%	.0%	10	23.1%	50.0%	26.9%	.0%	.0%
character	All Years	13	91.4%	8.6%	.0%	13	65.7%	34.3%	.0%	.0%	.0%	10	23.1%	50.0%	26.9%	.0%	.0%
(J) Assertiveness in a leadership	2002	13	74.3%	25.7%	.0%	13	54.3%	37.1%	8.6%	.0%	.0%	10	11.5%	57.7%	30.7%	.0%	.0%
or subordinate role	All Years	13	74.3%	25.7%	.0%	13 4–'Poor	54.3%	37.1%	8.6%	.0%	.0%	10	11.5%	57.7%	30.7%	.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

						BS	Safety Sci	ence					
							Caroty Ook						
	Unw	Usefulne	ss of Skill on	the Job	Unw td#	Compe	tence of this Graduate	s ERAU	Unw td#	Compe		raduates fron cutions	n Other
	of Res	(1) Very Useful	(2) Somewh at Useful	(3) Not Useful	of Res	(1) Excelle nt	(2) Good	(3) Averag e	of Res	(1) Excelle nt	(2) Good	(3) Average	(4) Poor
	dent	Wtd Row %	Wtd Row %	Wtd Row %	dent	Wtd Row %	Wtd Row %	Wtd Row %	dent	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	4	62.9%	37.1%	.0%	4	37.1%	62.9%	.0%	3	.0%	33.3%	66.7%	.0%
Basic PC software (word processing, spreadsheets, etc.)	4	100.0%	.0%	.0%	4	79.0%	21.0%	.0%	3	33.3%	33.3%	33.3%	.0%
Writing skills (non-technical)	4	79.0%	21.0%	.0%	4	58.1%	21.0%	21.0%	3	.0%	.0%	66.7%	33.3%
Technical writing	4	21.0%	79.0%	.0%	4	37.1%	41.9%	21.0%	3	.0%	.0%	100.0%	.0%
Speaking before an audience	4	79.0%	21.0%	.0%	3	47.0%	26.5%	26.5%	3	.0%	.0%	66.7%	33.3%
Applied research (information gathering and analysis)	4	100.0%	.0%	.0%	4	58.1%	41.9%	.0%	3	.0%	.0%	100.0%	.0%
Critical thinking	4	100.0%	.0%	.0%	4	37.1%	41.9%	21.0%	3	.0%	.0%	100.0%	.0%
Independent work	4	100.0%	.0%	.0%	4	58.1%	21.0%	21.0%	3	.0%	.0%	100.0%	.0%
Planning, scheduling, and carrying out projects	4	100.0%	.0%	.0%	4	58.1%	21.0%	21.0%	3	.0%	.0%	100.0%	.0%
Defining and solving problems	4	100.0%	.0%	.0%	4	58.1%	21.0%	21.0%	3	.0%	.0%	100.0%	.0%
Working in groups/teams	4	79.0%	21.0%	.0%	4	58.1%	21.0%	21.0%	3	.0%	.0%	100.0%	.0%
Leading/guiding others	4	41.9%	58.1%	.0%	4	37.1%	41.9%	21.0%	3	.0%	.0%	100.0%	.0%
Responsible actions and decision making	4	100.0%	.0%	.0%	4	37.1%	41.9%	21.0%	3	.0%	.0%	100.0%	.0%
Understanding other people and other points of view	4	100.0%	.0%	.0%	4	37.1%	62.9%	.0%	3	.0%	.0%	100.0%	.0%
Environmental awareness	4	.0%	100.0%	.0%	4	37.1%	21.0%	41.9%	3	.0%	.0%	66.7%	33.3%
Political and economic awareness	4	21.0%	58.1%	21.0%	3	47.0%	26.5%	26.5%	2	.0%	.0%	100.0%	.0%
Knowledge of political/physical geography	3	26.5%	73.5%	.0%	3	47.0%	26.5%	26.5%	2	.0%	.0%	50.0%	50.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

					BS Sa	afety Science				
	Unw	Usefulne	ss of skill o	n the Job	Unw		nce of this Graduate	· Unw		ce of other uates
	td # of Res pon	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	td# of Res pon	(1) Excellent	(2) Good	td# of Res pon	(2) Good	(3) Average
	dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %
(A) Knowledge/app of OHSA safety regs for industry	2	50.0%	50.0%	.0%	2	.0%	100.0%	2	50.0%	50.0%
(B) Analyze/apply sys safety techs/reliability concepts	2	50.0%	50.0%	.0%	2	.0%	100.0%	1	100.0%	.0%
(C) Analysis/app capability in a/c accident investigation	2	50.0%	.0%	50.0%	1	100.0%	.0%	0	.0%	.0%
(D) Analysis/app capability in a/c crash survival analysis	2	.0%	.0%	100.0%	0	.0%	.0%	0	.0%	.0%
(E) Know/anal/app/ capability in a/c power plant acdt inv	2	.0%	50.0%	50.0%	1	.0%	100.0%	0	.0%	.0%
(F) Know/anal/app/ capability in safety program mgmnt	2	50.0%	50.0%	.0%	2	50.0%	50.0%	1	100.0%	.0%
(G) Ability to work in teams	2	100.0%	.0%	.0%	2	50.0%	50.0%	1	.0%	100.0%
(H) Ability to write and formulate a technical report	2	100.0%	.0%	.0%	2	50.0%	50.0%	1	.0%	100.0%
(I) Professional presentation skills	2	100.0%	.0%	.0%	2	.0%	100.0%	1	.0%	100.0%
(J) Comp in airport's compliance w/ federal safety regs	2	.0%	50.0%	50.0%	1	.0%	100.0%	0	.0%	.0%
(K) Develop, test and maintain an airport emergency plan	2	.0%	50.0%	50.0%	0	.0%	.0%	0	.0%	.0%
(L) Knowledge of Aircraft Rescue and Fire Fighting	2	.0%	50.0%	50.0%	1	.0%	100.0%	0	.0%	.0%
(M) Ability to id/explain legal issues in health/safety	2	50.0%	50.0%	.0%	2	.0%	100.0%	1	100.0%	.0%
(N) Apply fail processes a/c to determine accidents causes	2	50.0%	.0%	50.0%	1	.0%	100.0%	0	.0%	.0%
(O) Ability to analyze HF issues in accidents	2	50.0%	.0%	50.0%	1	.0%	100.0%	0	.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job MAS General Education Skills: All Specializations Combined

Worldwide

		\vdash							M Aeronau	itical Science	се						
			Usefulne	ss of Skill o	n the Job		С	ompetence	of this ERA	U Graduat	е		Compet	ence of Gra	aduates fror	n Other Ins	titutions
		Unw td #	(1) Very	(2) Somew hat	(3) Not	Unw td#	(1) Excelle	(2)	(3) Averag	(4)	(5) Very	Unw td #	(1) Excelle	(2)	(3) Averag	(4)	(5) Ver
		Res	Useful	Useful	Úseful	of Res pon	nt	Good	е	Poor	Poor	Res pon	nt	Good	e	Poor	Poo
		dent s	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wto Row
Quantitative/mathematics	2001	20	22.7%	58.0%	19.3%	19	20.3%	39.1%	30.5%	10.2%	.0%	17	17.0%	37.8%	39.6%	5.7%	.0
	2002	18 24	44.6% 28.9%	44.3% 67.2%	11.1% 4.0%	16 23	31.1% 24.7%	50.0% 54.7%	18.9% 20.6%	.0%	.0%	14 22	28.9% 21.5%	35.5% 48.5%	35.5% 30.0%	.0%	.0
	All Years	62	31.6%	57.4%	11.0%	58	25.1%	48.3%	23.3%	3.3%	.0%	53	22.0%	41.6%	34.6%	1.8%	.(
Basic PC software (word	2001	21	76.9%	18.4%	4.6%	20	42.0%	33.8%	19.3%	4.8%	.0%	17	32.2%	45.2%	17.0%	5.7%	.(
processing, spreadsheets, etc.)	2002	18	94.5%	5.5%	.0%	18	55.5%	38.7%	5.7%	.0%	.0%	16	37.6%	43.8%	18.7%	.0%	.(
, ,	2003 All Years	24 63	88.1% 86.3%	11.9% 12.2%	.0%	23 61	41.1% 45.8%	50.6% 41.6%	8.2% 11.1%	.0% 1.6%	.0%	22 55	12.9% 26.1%	64.4% 52.3%	22.8% 19.8%	.0% 1.7%).).
Writing skills	2001	21	86.2%	9.2%	4.6%	20	24.2%	56.5%	9.7%	9.7%	.0%	17	17.0%	43.5%	33.9%	5.7%	.(
(non-technical)	2002	18	77.7%	22.3%	.0%	18	44.3%	33.2%	22.5%	.0%	.0%	16	24.9%	44.0%	24.9%	6.2%	.0
	2003	23	83.5%	16.5%	.0%	22	25.7%	61.4%	12.9%	.0%	.0%	21	.0%	62.8%	37.2%	.0%	.0
Technical writing	All Years 2001	62	82.7%	15.8%	1.5%	60	30.9%	51.1%	14.8%	3.2%	.0%	54	12.8%	51.0%	32.5%	3.7%	.(
Technical writing	2001	21 18	64.5% 66.8%	30.8% 27.7%	4.6% 5.5%	20 17	19.3% 35.2%	53.2% 47.1%	17.8% 11.7%	9.7% 6.1%	.0%	17 15	11.3% 26.8%	33.9% 40.0%	49.1% 26.5%	5.7% 6.6%).).
	2003	24	43.5%	52.6%	4.0%	23	32.9%	37.0%	30.1%	.0%	.0%	22	.0%	47.2%	52.8%	.0%	.(
	All Years	63	57.3%	38.1%	4.6%	60	29.1%	45.3%	20.7%	5.0%	.0%	54	11.1%	41.0%	44.2%	3.7%	.(
Speaking before an	2001	21	64.5%	26.2%	9.2%	19	25.4%	44.1%	20.3%	5.1%	5.1%	16	12.0%	46.1%	35.9%	6.0%	.(
audience	2002	18 24	72.1%	27.9%	.0%	18 24	38.7%	50.0%	11.3%	.0%	.0%	17 22	23.6%	35.2%	35.4%	5.9%	.(
	All Years	63	84.2% 74.2%	11.9% 21.3%	4.0%	61	23.7%	60.5% 52.3%	15.8% 15.8%	.0%	.0%	55	4.3% 12.6%	47.2% 43.1%	48.5% 40.7%	3.6%).).
Applied research	2001	21	49.3%	36.9%	13.8%	19	20.3%	39.1%	35.6%	.0%	5.1%	16	18.0%	34.1%	41.9%	6.0%	.(
(information gathering	2002	18	66.8%	33.2%	.0%	18	44.5%	49.8%	.0%	5.7%	.0%	16	31.5%	49.8%	12.4%	6.2%	.(
and analysis)	2003	24	51.4%	44.7%	4.0%	23	41.1%	28.8%	30.1%	.0%	.0%	22	.0%	60.1%	39.9%	.0%	.(
Critical thinking	All Years 2001	63 21	55.2%	38.7%	6.1%	60	35.6%	38.5%	22.6%	1.8%	1.6%	54 17	14.8%	49.3%	32.2%	3.7%	.(
Cittical trilliking	2001	18	86.2% 83.4%	9.2% 16.6%	4.6%	20 18	43.5% 55.4%	37.2% 27.9%	9.7% 5.5%	9.7%	.0%	16	17.0% 25.3%	37.8% 49.8%	39.6% 24.9%	5.7%).
	2003	24	76.3%	23.7%	.0%	23	41.1%	38.3%	20.6%	.0%	.0%	22	8.6%	60.1%	31.4%	.0%	.(
	All Years	63	81.6%	16.8%	1.5%	61	46.2%	34.8%	12.5%	6.5%	.0%	55	16.1%	50.2%	32.0%	1.7%	.0
Independent work	2001	21	76.9%	18.4%	4.6%	20	56.5%	29.0%	9.7%	4.8%	.0%	17	20.9%	45.2%	28.3%	5.7%	.0
	2002	18 24	83.4% 84.2%	16.6% 15.8%	.0%	18 24	66.6% 47.4%	27.7% 44.7%	.0% 7.9%	5.7%	.0%	16 22	25.3% 4.3%	43.6% 70.0%	31.1% 25.7%	.0%).
	All Years	63	81.6%	16.9%	1.5%	62	56.0%	34.6%	6.1%	3.3%	.0%	55	15.6%	54.5%	28.1%	1.7%	.(
Planning, scheduling, and	2001	21	76.9%	18.4%	4.6%	20	33.8%	42.0%	19.3%	.0%	4.8%	17	11.3%	43.5%	39.6%	5.7%	.(
carrying out projects	2002	18	83.4%	16.6%	.0%	18	55.5%	33.2%	11.3%	.0%	.0%	16	18.9%	37.6%	37.3%	6.2%	.(
	2003 All Years	24 63	88.1%	11.9%	.0%	23 61	58.9%	32.9%	4.1%	4.1% 1.5%	.0% 1.6%	22 55	8.6%	51.5% 44.9%	35.6% 37.4%	4.3% 5.3%).
Defining and solving	2001	21	83.0% 81.6%	15.4% 13.8%	4.6%	20	49.7% 33.8%	36.0% 42.0%	11.2% 19.3%	4.8%	.0%	17	12.5% 17.0%	49.1%	22.6%	11.3%	.C
problems	2002	18	83.4%	16.6%	.0%	18	49.8%	38.9%	5.5%	5.7%	.0%	16	18.9%	43.8%	31.1%	6.2%	.0
	2003	24	72.3%	27.7%	.0%	24	31.6%	52.6%	15.8%	.0%	.0%	22	8.6%	65.7%	25.7%	.0%	.(
Marking in groups 4sess	All Years	63	78.6%	19.8%	1.5%	62	37.7%	45.1%	13.9%	3.3%	.0%	55	14.2%	54.1%	26.4%	5.3%	.(
Working in groups/teams	2001	21 18	86.2% 83.4%	9.2% 16.6%	4.6%	20 18	38.7% 61.1%	46.8% 33.4%	9.7%	4.8% 5.5%	.0%	17 16	17.0% 25.3%	37.8% 24.9%	28.3% 49.8%	.0%).
	2002	24	72.3%	27.7%	.0%	23	49.4%	42.4%	8.2%	.0%	.0%	22	8.6%	65.7%	25.7%	.0%	.(
	All Years	63	80.2%	18.3%	1.5%	61	49.4%	41.1%	6.2%	3.2%	.0%	55	16.1%	45.0%	33.7%	5.2%	.(
Leading/guiding others	2001	21	63.1%	32.3%	4.6%	20	33.8%	27.5%	38.7%	.0%	.0%	17	11.3%	37.8%	50.9%	.0%	.(
	2002	18 24	83.4% 72.3%	16.6% 27.7%	.0%	18 23	49.8% 41.1%	38.9% 42.4%	5.7% 16.5%	5.5%	.0%	16 22	18.9% 8.6%	50.0% 57.1%	18.7% 34.3%	.0%	.C
	All Years	63	72.5%	25.9%	1.5%	61	41.1%	36.5%	20.4%	1.7%	.0%	55	12.5%	49.1%	34.8%	3.7%	.(
Responsible actions and	2001	21	90.8%	4.6%	4.6%	20	38.7%	32.3%	24.2%	4.8%	.0%	17	17.0%	37.8%	33.9%	11.3%	.(
decision making	2002	18	83.4%	16.6%	.0%	18	44.3%	50.0%	.0%	5.7%	.0%	16	12.4%	44.0%	37.3%	.0%	6.2
	2003 All Years	24	80.2%	19.8%	.0%	23	41.1%	50.6%	8.2%	.0%	.0%	22	12.9%	57.1%	30.0%	.0%	.(
Understanding other	2001	63 21	84.7% 81.6%	13.8% 13.8%	1.5% 4.6%	61 20	41.3% 29.0%	44.5% 51.7%	10.9% 19.3%	3.3%	.0%	55 17	14.0% 11.3%	47.3% 49.1%	33.4% 28.3%	3.5% 11.3%	1.5
people and other points	2002	18	77.9%	22.1%	.0%	18	44.5%	38.7%	11.3%	5.5%	.0%	16	12.4%	49.1%	37.3%	.0%	6.2
of view	2003	24	63.2%	36.8%	.0%	23	37.0%	38.3%	24.7%	.0%	.0%	22	8.6%	42.9%	44.2%	4.3%	
	All Years	63	73.6%	24.9%	1.5%	61	36.7%	42.8%	18.9%	1.7%	.0%	55	10.6%	45.1%	37.3%	5.2%	1.3
Environmental awareness	2001	21	46.1%	35.5%	18.4%	18	16.1%	21.4%	51.8%	10.7%	.0%	16	12.0%	18.0%	52.1%	18.0%	
	2002	18 24	39.1% 35.6%	44.3% 52.6%	16.6% 11.9%	15 21	33.2% 26.9%	40.0% 50.7%	19.9% 22.4%	6.9%	.0%	13 21	15.3% 13.4%	31.1% 40.3%	45.9% 46.2%	.0%	7.
	All Years	63	40.1%	44.5%	15.4%	54	25.1%	38.0%	31.5%	5.5%	.0%	50	13.4%	30.8%	48.0%	5.7%	2.
Political and economic	2001	21	36.9%	46.1%	17.0%	20	19.3%	19.3%	48.3%	13.0%	.0%	17	17.0%	28.3%	33.9%	20.9%	
awareness	2002	18	33.4%	50.0%	16.6%	17	29.3%	35.2%	29.7%	5.9%	.0%	15	13.3%	40.3%	39.8%	6.6%	
	2003 All Years	24	32.8%	63.2%	4.0%	23	20.6%	63.0%	16.5%	.0%	.0%	22	4.3%	42.9%	52.8%	.0%	
Knowledge of	2002	63 18	34.3% 27.9%	53.7% 55.5%	12.0% 16.6%	60 16	22.7% 31.1%	40.5% 50.0%	30.8% 18.9%	6.0%	.0%	54 14	10.8% 14.2%	37.6% 50.2%	43.2% 21.3%	8.4% 7.1%	.(7.
political/physical	2003	24	27.7%	64.4%	7.9%	23	24.7%	63.0%	12.3%	.0%	.0%	22	4.3%	55.8%	39.9%	.0%	.(
geography	All Years	42	27.7%	60.5%	11.7%	39	27.4%	57.5%	15.1%	.0%	.0%	36	8.2%	53.6%	32.5%	2.8%	2.

ERAU Degree Specific Skills Preparation and Usefulness on the Job MAS Core Skills: All Specializations Combined

Worldwide

								M Ae	eronautical	Science						
			l la afolia a	4 -1:11	- 46 - 1-6		0		is ERAU Gr				0	6 -41	0	
			Userume	ss of skill or	i the Job		Compe	tence of th	S ERAU GI	aduate			Competen	ce of other	Taduales	
		Unw td#	(1)	(2) Somew		Unw td#	(1)		(3)		Unw td#	(1)		(3)		(5)
		of	Very	hat	(3) Not	of	Excelle	(2)	Averag	(4)	of	Excelle	(2)	Averag	(4)	Very
		Res	Useful	Useful	Useful	Res	nt	Good	е	Poor	Res	nt	Good	е	Poor	Poor
		pon	14//	Wtd	Wtd	pon	144.1	144.1	14/1	14//	pon	144.1	14/1	10//	Wtd	Wtd
		dent s	Wtd Row %	Row %	Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	dent s	Wtd Row %	Wtd Row %	Wtd Row %	Row %	Row %
(A) Air transportation	2001	16	35.9%	47.9%	16.1%	13	30.8%	46.2%	23.1%	.0%	10	.0%	40.0%	40.0%	20.0%	.0%
as part of system	2002	11	45.6%	36.3%	18.1%	8	87.6%	12.4%	.0%	.0%	8	12.9%	12.4%	74.7%	.0%	.0%
	2003	17	27.3%	67.2%	5.5%	16	40.4%	42.2%	17.3%	.0%	16	.0%	11.6%	88.4%	.0%	.0%
	All Years	44	35.1%	52.4%	12.5%	37	47.6%	36.9%	15.4%	.0%	34	3.1%	19.8%	71.4%	5.7%	.0%
(B) Basic elements of	2001	15	.0%	44.6%	55.4%	8	.0%	12.5%	87.5%	.0%	7	.0%	.0%	57.1%	42.9%	.0%
STS	2002	11	27.2%	27.2%	45.6%	7	28.6%	42.9%	28.6%	.0%	7	.0%	28.6%	71.4%	.0%	.0%
	2003	17	5.5%	39.9%	54.6%	11	24.4%	51.3%	24.4%	.0%	13	.0%	14.0%	65.1%	14.0%	7.0%
	All Years	43	9.2%	38.3%	52.6%	26	18.4%	37.7%	43.9%	.0%	27	.0%	14.4%	64.8%	17.4%	3.4%
(C) Materials/practices	2001	15	19.1%	25.5%	55.4%	9	11.1%	33.3%	44.4%	11.1%	7	.0%	14.3%	28.6%	57.1%	.0%
used in A/A vehicles	2002	11	18.1%	63.7%	18.1%	8	37.3%	37.3%	25.3%	.0%	8	.0%	25.3%	62.2%	12.4%	.0%
	2003	17	10.9%	56.3%	32.8%	13	21.0%	58.1%	21.0%	.0%	14	.0%	13.1%	86.9%	.0%	.0%
	All Years	43	15.6%	47.5%	36.8%	30	22.6%	45.4%	28.9%	3.2%	29	.0%	16.8%	66.6%	16.6%	.0%
(D) Human factors	2001	16	65.9%	28.1%	6.0%	14	27.2%	52.3%	20.4%	.0%	12	7.9%	37.0%	47.3%	7.9%	.0%
problems and analysis	2002	11	72.8%	27.2%	.0%	9	33.2%	44.6%	22.1%	.0%	9	11.4%	11.1%	55.4%	22.1%	.0%
	2003	17	50.8%	49.2%	.0%	16	28.9%	48.0%	23.1%	.0%	16	.0%	23.1%	76.9%	.0%	.0%
	All Years	44	61.8%	36.0%	2.2%	39	29.3%	48.8%	21.9%	.0%	37	5.4%	24.6%	62.0%	8.0%	.0%
(E) Major steps in developing a research	2001	16	35.9%	34.1%	30.0%	11	25.7%	48.7%	25.7%	.0%	10	9.4%	34.5%	37.4%	18.7%	.0%
study	2002	11	63.7%	36.3%	.0%	9	33.2%	44.6%	22.1%	.0%	9	11.4%	22.1%	66.4%	.0%	.0%
0.00,	2003	17	38.2%	45.4%	16.4%	15	30.7%	38.7%	30.7%	.0%	15	.0%	24.5%	75.5%	.0%	.0%
	All Years	44	43.9%	39.0%	17.1%	35	29.7%	43.4%	26.9%	.0%	34	5.8%	26.8%	61.8%	5.5%	.0%
(F) Analysis of five major research	2001	15	25.5%	25.5%	49.0%	9	22.2%	44.4%	33.3%	.0%	9	11.1%	44.4%	22.2%	22.2%	.0%
major research methodologies	2002	10	40.2%	59.8%	.0%	8	24.9%	50.2%	24.9%	.0%	8	12.9%	12.4%	74.7%	.0%	.0%
	2003	17	45.4%	27.3%	27.3%	14	26.1%	47.7%	26.1%	.0%	14	.0%	13.1%	86.9%	.0%	.0%
	All Years	42	37.1%	34.5%	28.4%	31	24.7%	47.5%	27.8%	.0%	31	6.5%	21.6%	65.8%	6.2%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

								tical Scienc						
						, A	eronautics	Specializat	ion		,			
	Unw	Usefulne	ss of Skill o	n the Job	· Unw	Compe	etence of th	s ERAU Gr	aduate	Unw	Сотре	etence of Gra Institu		n Other
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %
Quantitative/mathematics	4	74.1%	25.9%	.0%	4	.0%	49.7%	25.9%	24.4%	4	.0%	49.7%	50.3%	.0%
Basic PC software (word processing, spreadsheets, etc.)	4	100.0%	.0%	.0%	4	25.9%	49.7%	24.4%	.0%	4	.0%	75.6%	24.4%	.0%
Writing skills (non-technical)	4	74.1%	25.9%	.0%	4	25.9%	23.8%	25.9%	24.4%	4	25.9%	23.8%	50.3%	.0%
Technical writing	4	100.0%	.0%	.0%	4	25.9%	23.8%	25.9%	24.4%	4	.0%	75.6%	24.4%	.0%
Speaking before an audience	4	100.0%	.0%	.0%	4	25.9%	48.2%	25.9%	.0%	4	.0%	75.6%	24.4%	.0%
Applied research (information gathering and analysis)	4	75.6%	24.4%	.0%	4	25.9%	49.7%	24.4%	.0%	4	25.9%	49.7%	24.4%	.0%
Critical thinking	4	100.0%	.0%	.0%	4	.0%	23.8%	25.9%	50.3%	4	.0%	49.7%	50.3%	.0%
Independent work	4	100.0%	.0%	.0%	4	25.9%	74.1%	.0%	.0%	4	.0%	100.0%	.0%	.0%
Planning, scheduling, and carrying out projects	4	100.0%	.0%	.0%	4	.0%	74.1%	25.9%	.0%	4	.0%	49.7%	50.3%	.0%
Defining and solving problems	4	75.6%	24.4%	.0%	4	.0%	49.7%	50.3%	.0%	4	.0%	49.7%	50.3%	.0%
Working in groups/teams	4	76.2%	23.8%	.0%	4	25.9%	48.2%	.0%	25.9%	4	.0%	49.7%	50.3%	.0%
Leading/guiding others	4	75.6%	24.4%	.0%	4	.0%	49.7%	24.4%	25.9%	4	.0%	49.7%	50.3%	.0%
Responsible actions and decision making	4	100.0%	.0%	.0%	4	.0%	75.6%	24.4%	.0%	4	.0%	49.7%	50.3%	.0%
Understanding other people and other points of view	4	74.1%	25.9%	.0%	4	.0%	74.1%	.0%	25.9%	4	.0%	49.7%	25.9%	24.4%
Environmental awareness	4	.0%	74.1%	25.9%	3	.0%	32.1%	67.9%	.0%	3	.0%	32.1%	67.9%	.0%
Political and economic awareness	4	.0%	48.2%	51.8%	3	.0%	32.1%	67.9%	.0%	3	.0%	32.1%	67.9%	.0%
Knowledge of political/physical geography	3	.0%	.0%	100.0%	2	.0%	47.8%	52.2%	.0%	2	.0%	47.8%	52.2%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

							eronautical						
						Aeroi	nautics Spe	cialization					
	Unw	Usefulne	ss of skill o	n the Job	Unw	Compe	tence of thi	s ERAU Gr	aduate	Unw	Con	npetence of o	other
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %	td # of Res pon dent s	(2) Good Wtd Row %	(3) Average Wtd Row %	(4) Poor Wtd Row %
(A) Air transportation as part of system	4	25.9%	50.3%	23.8%	4	50.3%	49.7%	.0%	.0%	4	25.9%	49.7%	24.4%
(B) Basic elements of STS	4	25.9%	24.4%	49.7%	4	25.9%	23.8%	50.3%	.0%	4	25.9%	74.1%	.0%
(C) Materials/practices used in A/A vehicles	4	25.9%	25.9%	48.2%	4	25.9%	49.7%	.0%	24.4%	4	25.9%	49.7%	24.4%
(D) Human factors problems and analysis	4	74.1%	25.9%	.0%	4	.0%	74.1%	25.9%	.0%	4	25.9%	48.2%	25.9%
(E) Major steps in developing a research study	4	74.1%	25.9%	.0%	4	.0%	74.1%	25.9%	.0%	4	25.9%	74.1%	.0%
(F) Analysis of five major research methodologies	4	23.8%	76.2%	.0%	4	.0%	74.1%	25.9%	.0%	4	50.3%	49.7%	.0%
(G) Advances in Aviation/Aerospace aerodynamics	4	76.2%	23.8%	.0%	4	50.3%	23.8%	25.9%	.0%	4	76.2%	23.8%	.0%
(H) Value of simulation in aviation training programs	4	50.3%	49.7%	.0%	4	.0%	48.2%	51.8%	.0%	4	24.4%	49.7%	25.9%
(I) Operation of tech meteorology data computer sys	4	.0%	25.9%	74.1%	4	.0%	23.8%	51.8%	24.4%	4	.0%	75.6%	24.4%
(J) Evaluation of aircraft and spacecraft systems	4	76.2%	23.8%	.0%	4	25.9%	49.7%	24.4%	.0%	4	25.9%	74.1%	.0%
(K) Analysis of spacecraft propulsion systems	4	.0%	50.3%	49.7%	4	.0%	74.1%	25.9%	.0%	4	.0%	100.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

							M Aeronau	utical Scien	се					
						Av/A	erospace M	Igmt Specia	alization					
		Usefulne	ss of Skill o	n the Job		Compe	tence of thi	s ERAU Gr	aduate		Compet	tence of Gra	aduates fron utions	m Other
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	29	29.6%	60.2%	10.2%	27	32.3%	49.6%	18.1%	.0%	24	49.0%	26.6%	24.4%	.0%
Basic PC software (word processing, spreadsheets, etc.)	30	74.2%	25.8%	.0%	29	42.9%	43.5%	13.6%	.0%	25	34.2%	50.0%	15.8%	.0%
Writing skills (non-technical)	29	83.0%	17.0%	.0%	28	31.5%	54.1%	14.4%	.0%	24	12.5%	63.4%	24.1%	.0%
Technical writing	30	58.8%	37.8%	3.4%	28	27.6%	62.7%	5.8%	3.8%	24	17.0%	40.2%	42.8%	.0%
Speaking before an audience	30	61.8%	35.1%	3.1%	30	26.2%	60.6%	13.2%	.0%	26	23.2%	43.3%	33.5%	.0%
Applied research (information gathering and analysis)	30	70.5%	29.5%	.0%	29	36.9%	46.1%	13.3%	3.7%	25	24.4%	52.5%	23.2%	.0%
Critical thinking	30	90.0%	10.0%	.0%	29	43.6%	46.2%	6.6%	3.7%	25	28.1%	52.5%	19.4%	.0%
Independent work	30	80.4%	19.6%	.0%	30	64.0%	29.3%	3.2%	3.5%	25	30.8%	46.1%	23.1%	.0%
Planning, scheduling, and carrying out projects	30	86.8%	13.2%	.0%	29	53.7%	35.9%	10.3%	.0%	25	23.8%	41.3%	31.1%	3.8%
Defining and solving problems	30	80.5%	19.5%	.0%	30	39.0%	47.9%	9.5%	3.5%	25	27.6%	53.0%	15.5%	3.9%
Working in groups/teams	30	77.2%	22.8%	.0%	29	50.5%	39.6%	9.9%	.0%	25	28.0%	41.0%	23.3%	7.7%
Leading/guiding others	30	67.7%	32.3%	.0%	29	40.3%	39.6%	20.1%	.0%	25	20.0%	45.5%	34.4%	.0%
Responsible actions and decision making	30	83.6%	16.4%	.0%	29	46.9%	42.8%	6.7%	3.7%	25	15.8%	49.4%	30.9%	3.9%
Understanding other people and other points of view	30	77.2%	22.8%	.0%	29	40.5%	39.2%	20.3%	.0%	25	15.8%	49.4%	27.2%	7.6%
Environmental awareness	30	45.9%	41.1%	13.0%	26	26.4%	40.8%	25.0%	7.8%	24	24.3%	32.5%	35.1%	8.0%
Political and economic awareness	30	32.8%	58.3%	8.9%	29	20.3%	43.1%	27.5%	9.2%	25	15.8%	39.1%	34.7%	10.4%
Knowledge of political/physical geography	20	35.1%	60.1%	4.8%	19	21.1%	62.6%	16.3%	.0%	17	18.0%	52.8%	29.3%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

	1						NA 0 -	eronautical	0-:						
								ace Mgmt S		on					
		Usefulne	ss of skill o	n the Job		Compe	·	s ERAU Gr	•			Competen	ce of other	Graduates	
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
(A) Air transportation as part of system	19	35.9%	45.1%	19.0%	14	50.6%	42.3%	7.1%	.0%	12	9.1%	24.6%	58.0%	8.3%	.0%
(B) Basic elements of STS	19	4.9%	30.7%	64.4%	8	24.4%	25.5%	50.1%	.0%	9	.0%	21.7%	33.9%	33.5%	10.9%
(C) Materials/practices used in A/A vehicles	19	10.0%	46.2%	43.8%	11	27.2%	26.9%	45.9%	.0%	11	.0%	27.6%	45.2%	27.2%	.0%
(D) Human factors problems and analysis	19	41.0%	54.0%	5.1%	16	24.1%	57.8%	18.1%	.0%	15	13.3%	29.3%	51.1%	6.3%	.0%
(E) Major steps in developing a research study	19	36.2%	48.7%	15.0%	15	19.3%	36.4%	44.3%	.0%	15	13.3%	23.1%	50.9%	12.7%	.0%
(F) Analysis of five major research methodologies	19	35.8%	30.7%	33.5%	13	30.6%	23.5%	45.9%	.0%	14	14.9%	21.0%	49.9%	14.2%	.0%
(G) Production/procurement mgmt in manufacturing	18	21.3%	43.0%	35.7%	12	34.4%	24.3%	41.4%	.0%	13	7.7%	30.9%	46.2%	15.2%	.0%
(H) Supply/distribution functions in the logistic system	18	26.3%	41.2%	32.5%	13	29.7%	41.3%	29.0%	.0%	13	14.5%	14.3%	49.3%	21.9%	.0%
(I) Strategic planning/strategic management concepts	18	48.0%	46.7%	5.3%	17	17.1%	54.1%	23.2%	5.6%	15	13.3%	29.4%	44.7%	12.5%	.0%
(J) Interaction of maintenance with ops/logistics/training	18	47.5%	32.5%	20.0%	14	28.7%	49.6%	21.7%	.0%	13	7.7%	22.7%	54.3%	15.2%	.0%
(K) Key factors impacting on R and D programs	18	26.8%	32.2%	41.0%	11	27.5%	45.6%	26.9%	.0%	12	17.4%	24.5%	41.6%	16.4%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

						M A	eronautical	Science					
						Av/Aeros	pace Ops S	pecialization	n				
	Unw	Usefulnes	s of Skill or	the Job	Unw	Compe	tence of this Graduate	s ERAU	Unw	Compe	etence of Gra Institu		n Other
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	td # of Res pon dent s	(1) Excelle nt Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	(4) Poor Wtd Row %
Quantitative/mathematics	8	25.0%	37.3%	37.6%	6	33.5%	33.5%	32.9%	6	.0%	67.1%	32.9%	.0%
Basic PC software (word processing, spreadsheets, etc.)	8	100.0%	.0%	.0%	7	71.1%	14.9%	14.0%	7	57.4%	28.5%	14.0%	.0%
Writing skills (non-technical)	8	62.7%	37.3%	.0%	7	29.8%	42.6%	27.7%	7	14.9%	42.2%	42.9%	.0%
Technical writing	8	38.4%	61.6%	.0%	7	29.8%	42.6%	27.7%	7	14.9%	42.2%	42.9%	.0%
Speaking before an audience	8	74.6%	13.1%	12.3%	6	33.2%	50.5%	16.3%	6	.0%	49.1%	50.9%	.0%
Applied research (information gathering and analysis)	8	26.1%	49.3%	24.6%	6	50.5%	33.6%	15.9%	6	.0%	83.7%	16.3%	.0%
Critical thinking	8	62.7%	37.3%	.0%	7	57.4%	14.9%	27.7%	7	.0%	72.0%	28.0%	.0%
Independent work	8	62.7%	37.3%	.0%	7	57.4%	14.9%	27.7%	7	.0%	71.1%	28.9%	.0%
Planning, scheduling, and carrying out projects	8	62.7%	37.3%	.0%	7	28.5%	43.8%	27.7%	7	.0%	57.1%	42.9%	.0%
Defining and solving problems	8	62.7%	37.3%	.0%	7	43.4%	28.9%	27.7%	7	.0%	56.2%	43.8%	.0%
Working in groups/teams	8	86.9%	13.1%	.0%	7	43.4%	56.6%	.0%	7	.0%	42.2%	57.8%	.0%
Leading/guiding others	8	62.4%	37.6%	.0%	7	43.4%	28.5%	28.0%	7	.0%	57.1%	28.0%	14.9%
Responsible actions and decision making	8	75.0%	25.0%	.0%	7	43.4%	28.9%	27.7%	7	.0%	57.1%	42.9%	.0%
Understanding other people and other points of view	8	75.0%	25.0%	.0%	7	28.5%	43.8%	27.7%	7	.0%	57.1%	42.9%	.0%
Environmental awareness	8	37.6%	50.4%	12.0%	6	17.2%	17.2%	65.5%	6	.0%	33.0%	67.0%	.0%
Political and economic awareness	8	25.4%	74.6%	.0%	7	14.9%	28.5%	56.6%	7	.0%	57.1%	42.9%	.0%
Knowledge of political/physical geography	5	39.7%	60.3%	.0%	5	39.7%	41.4%	19.0%	5	.0%	100.0%	.0%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

					М	Aeronautical	Science				
					Av/Aero	space Ops S	Specialization	n		1	
	Unw td # of Res pon dent s	Usefulne (1) Very Useful Wtd Row %	ss of skill o (2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	Unw td # of Res pon dent s		ence of this Graduate (2) Good Wtd Row %	(3) Averag e Wtd Row %	Unw td # of Res pon dent s		etence of traduates (3) Average Wtd Row %
(A) Air transportation as part of system	6	33.0%	67.0%	.0%	5	40.9%	.0%	59.1%	5	.0%	100.0%
(B) Basic elements of STS	6	17.8%	33.0%	49.3%	3	35.3%	32.4%	32.4%	3	.0%	100.0%
(C) Materials/practices used in A/A vehicles	6	.0%	67.0%	33.0%	3	35.3%	32.4%	32.4%	3	.0%	100.0%
(D) Human factors problems and analysis	6	67.5%	32.5%	.0%	5	40.9%	.0%	59.1%	5	.0%	100.0%
(E) Major steps in developing a research study	6	34.0%	16.3%	49.7%	3	67.6%	.0%	32.4%	3	35.3%	64.7%
(F) Analysis of five major research methodologies	6	34.0%	.0%	66.0%	3	67.6%	.0%	32.4%	3	.0%	100.0%
(G) Past/present/future airspace and ATC technology	4	51.1%	24.8%	24.1%	2	51.5%	.0%	48.5%	2	.0%	100.0%
(H) Roles and responsibilities in accident investigation	4	24.8%	24.1%	51.1%	2	52.2%	.0%	47.8%	2	.0%	100.0%
(I) Crash site investigation	4	24.8%	26.3%	48.9%	1	100.0%	.0%	.0%	1	.0%	100.0%
(J) Management and operations related to Air Carriers	4	51.1%	.0%	48.9%	2	51.5%	.0%	48.5%	2	.0%	100.0%
(K) Qualifications and training of aircraft dispatchers	4	24.1%	24.8%	51.1%	2	52.2%	47.8%	.0%	2	47.8%	52.2%
(L) Responsibilities associated with Corporate Aviation	4	.0%	75.2%	24.8%	2	52.2%	.0%	47.8%	2	.0%	100.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

								NA A	·:! O-:							
								M Aeronau space Safe								
							AV/Aero	space Sale	ty Sys Spe	cialization						
		Usefulne	ss of Skill o	n the Job		C	ompetence	of this ERA	.U Graduat	e		Compet	ence of Gra	aduates fror	n Other Ins	titutions
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	21	28.8%	66.9%	4.4%	21	18.3%	50.4%	26.8%	4.5%	.0%	19	.0%	50.7%	44.3%	4.9%	.0%
Basic PC software (word processing, spreadsheets, etc.)	21	95.5%	.0%	4.5%	21	45.1%	46.1%	4.4%	4.5%	.0%	19	10.2%	59.0%	25.9%	4.9%	.0%
Writing skills (non-technical)	21	91.2%	4.4%	4.5%	21	31.4%	55.0%	9.1%	4.5%	.0%	19	9.9%	44.5%	35.5%	10.2%	.0%
Technical writing	21	54.2%	37.0%	8.8%	21	31.2%	27.6%	36.7%	4.5%	.0%	19	4.9%	34.6%	50.3%	10.2%	.0%
Speaking before an audience	21	86.4%	9.1%	4.5%	21	31.6%	41.9%	17.5%	4.5%	4.5%	19	4.9%	34.4%	50.5%	10.2%	.0%
Applied research (information gathering and analysis)	21	40.9%	50.3%	8.8%	21	31.5%	27.6%	36.4%	.0%	4.5%	19	4.9%	34.7%	50.2%	10.2%	.0%
Critical thinking	21	73.6%	21.9%	4.5%	21	54.6%	27.8%	13.1%	4.5%	.0%	19	9.7%	39.7%	45.7%	4.9%	.0%
Independent work	21	86.7%	8.8%	4.5%	21	50.1%	41.0%	4.4%	4.5%	.0%	19	4.9%	50.2%	40.0%	4.9%	.0%
Planning, scheduling, and carrying out projects	21	82.2%	13.3%	4.5%	21	60.2%	26.5%	4.5%	4.4%	4.5%	19	4.9%	44.2%	40.8%	10.2%	.0%
Defining and solving problems	21	82.5%	13.1%	4.5%	21	41.0%	45.7%	8.8%	4.5%	.0%	19	4.9%	55.5%	29.4%	10.2%	.0%
Working in groups/teams	21	82.5%	13.1%	4.5%	21	54.2%	37.0%	4.4%	4.5%	.0%	19	9.9%	50.2%	35.0%	4.9%	.0%
Leading/guiding others	21	82.3%	13.2%	4.5%	21	49.7%	32.5%	17.8%	.0%	.0%	19	9.7%	50.6%	34.4%	5.2%	.0%
Responsible actions and decision making	21	86.8%	8.7%	4.5%	21	40.6%	46.1%	8.8%	4.5%	.0%	19	19.5%	40.6%	29.8%	4.9%	5.2%
Understanding other people and other points of view	21	67.9%	27.6%	4.5%	21	40.8%	41.6%	17.7%	.0%	.0%	19	9.7%	34.6%	50.5%	.0%	5.2%
Environmental awareness	21	40.4%	41.6%	18.1%	19	29.5%	41.3%	24.3%	4.9%	.0%	17	5.5%	27.3%	55.9%	5.5%	5.8%
Political and economic awareness	21	46.1%	40.6%	13.3%	21	31.5%	41.9%	22.1%	4.5%	.0%	19	9.9%	29.5%	50.5%	10.2%	.0%
Knowledge of political/physical geography	14	19.6%	73.5%	6.9%	13	35.3%	57.9%	6.8%	.0%	.0%	12	.0%	37.5%	46.5%	8.0%	8.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

					Δν/Δρη	M Aerona	utical Scien					
	Unw td # of Res pon dent	(1) Very Useful Wtd	ss of skill of (2) Somew hat Useful Wtd	(3) Not Useful Wtd	Unw td # of Res pon dent	Competing (1) Excelle nt Wtd	tence of this Graduate (2) Good Wtd	(3) Averag e Wtd	Unw td # of Res pon dent	(2) Good Wtd	petence of Graduates (3) Averag e	(4) Poor Wtd
(A) Air transportation as part of	s 14	Row % 39.4%	Row % 53.7%	Row % 6.9%	s 13	Row % 49.6%	Row % 36.6%	Row % 13.8%	s 12	Row % 22.5%	Row % 77.5%	.0%
system (B) Basic elements of STS	13	7.4%	57.4%	35.2%	10	8.6%	55.9%	35.5%	10	9.4%	73.4%	17.2%
(C) Materials/practices used in A/A vehicles	13	28.0%	43.9%	28.0%	11	16.0%	59.4%	24.6%	10	8.8%	81.8%	9.4%
(D) Human factors problems and analysis	14	80.9%	19.1%	.0%	13	35.0%	51.3%	13.8%	12	29.8%	62.2%	8.0%
(E) Major steps in developing a research study	14	45.9%	41.2%	12.8%	12	37.6%	55.1%	7.3%	11	32.0%	68.0%	.0%
(F) Analysis of five major research methodologies	12	47.1%	38.0%	14.8%	10	17.5%	73.8%	8.6%	9	19.4%	80.6%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

	_															
							M Bus	iness Admi	nistration in	Aviation						
		Usefulne	ss of Skill o	n the Job		С	ompetence	of this ER	AU Graduat	e		Compet	ence of Gra	duates fror	n Other Ins	titutions
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	10	60.9%	39.1%	.0%	9	31.4%	37.0%	31.6%	.0%	.0%	9	12.2%	56.0%	31.8%	.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	10	89.0%	.0%	11.0%	10	56.0%	22.1%	10.9%	11.0%	.0%	9	12.2%	31.3%	44.1%	.0%	12.4%
Writing skills (non-technical)	10	49.6%	39.3%	11.0%	10	27.9%	28.1%	32.9%	.0%	11.0%	8	.0%	27.8%	72.2%	.0%	.0%
Technical writing	10	39.1%	49.8%	11.0%	10	6.2%	49.8%	32.9%	11.0%	.0%	8	.0%	27.8%	72.2%	.0%	.0%
Speaking before an audience	10	78.1%	21.9%	.0%	10	28.1%	39.0%	21.9%	11.0%	.0%	8	14.1%	41.9%	36.0%	8.0%	.0%
Applied research (information gathering and analysis)	10	67.1%	21.9%	11.0%	10	17.1%	32.7%	39.1%	.0%	11.0%	8	.0%	41.9%	50.1%	8.0%	.0%
Critical thinking	10	82.7%	6.2%	11.0%	10	39.0%	10.9%	32.9%	17.3%	.0%	8	.0%	27.8%	64.2%	8.0%	.0%
Independent work	10	89.0%	.0%	11.0%	10	39.0%	32.7%	17.3%	11.0%	.0%	8	13.9%	56.0%	30.1%	.0%	.0%
Planning, scheduling, and carrying out projects	10	67.1%	32.9%	.0%	10	27.9%	43.8%	11.0%	17.3%	.0%	8	13.9%	41.9%	44.2%	.0%	.0%
Defining and solving problems	10	89.0%	11.0%	.0%	10	28.1%	32.7%	21.9%	17.3%	.0%	8	.0%	69.9%	22.1%	8.0%	.0%
Working in groups/teams	10	82.7%	17.3%	.0%	10	28.1%	21.7%	28.1%	22.1%	.0%	8	.0%	41.9%	58.1%	.0%	.0%
Leading/guiding others	10	71.9%	17.1%	11.0%	10	27.9%	21.9%	28.1%	22.1%	.0%	8	.0%	41.7%	58.3%	.0%	.0%
Responsible actions and decision making	10	78.1%	10.9%	11.0%	10	39.0%	10.9%	39.1%	.0%	11.0%	8	.0%	27.8%	72.2%	.0%	.0%
Understanding other people and other points of view	10	71.9%	17.1%	11.0%	10	17.1%	54.6%	6.2%	22.1%	.0%	8	.0%	41.9%	58.1%	.0%	.0%
Environmental awareness	10	28.3%	71.7%	.0%	10	17.3%	43.6%	28.1%	11.0%	.0%	8	.0%	28.0%	72.0%	.0%	.0%
Political and economic awareness	10	39.1%	49.8%	11.0%	9	7.0%	49.0%	31.6%	12.4%	.0%	8	.0%	27.8%	64.2%	8.0%	.0%
Knowledge of political/physical geography	8	22.1%	63.7%	14.2%	8	36.1%	50.0%	13.9%	.0%	.0%	7	.0%	16.2%	83.8%	.0%	.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

							M Bus	iness Admi	nistration in	Aviation						
		Usefulne	ss of Skill o	n the Joh		C	ompetence	of this FR	All Graduat	Δ		Compet	ence of Gra	aduates fron	n Other Ins	stitutions
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	17	72.4%	27.6%	.0%	17	14.5%	67.0%	16.9%	.0%	1.5%	15	8.5%	49.0%	40.8%	1.8%	.0%
Basic PC software (word processing, spreadsheets, etc.)	17	80.5%	9.8%	9.7%	16	26.4%	62.5%	9.4%	.0%	1.7%	14	19.6%	67.6%	10.9%	1.9%	.0%
Writing skills (non-technical)	17	94.1%	4.3%	1.5%	17	19.9%	31.5%	42.8%	4.3%	1.5%	15	17.8%	51.9%	28.6%	1.8%	.0%
Technical writing	17	58.4%	27.6%	14.0%	15	6.7%	36.0%	50.6%	5.0%	1.8%	15	8.5%	64.4%	25.4%	1.8%	.0%
Speaking before an audience	17	80.1%	18.3%	1.5%	17	36.7%	39.5%	22.2%	1.5%	.0%	15	17.8%	31.5%	49.0%	1.8%	.0%
Applied research (information gathering and analysis)	17	72.4%	26.0%	1.5%	17	26.6%	55.5%	16.4%	.0%	1.5%	15	8.5%	66.1%	23.7%	1.8%	.0%
Critical thinking	17	92.6%	5.9%	1.5%	17	34.3%	47.4%	16.8%	.0%	1.5%	14	16.3%	56.0%	25.9%	1.8%	.0%
Independent work	17	84.4%	14.0%	1.5%	16	42.2%	43.2%	13.0%	.0%	1.6%	15	6.7%	50.7%	40.8%	1.8%	.0%
Planning, scheduling, and carrying out projects	17	95.4%	3.1%	1.5%	17	68.9%	20.9%	8.7%	.0%	1.5%	14	6.8%	41.5%	49.8%	1.8%	.0%
Defining and solving problems	17	96.9%	1.5%	1.5%	16	29.3%	60.1%	9.0%	.0%	1.6%	14	6.8%	46.6%	44.8%	1.8%	.0%
Working in groups/teams	17	96.9%	1.5%	1.5%	16	30.9%	54.6%	13.0%	.0%	1.6%	14	6.8%	51.6%	39.8%	1.8%	.0%
Leading/guiding others	17	67.6%	30.8%	1.5%	17	44.5%	37.2%	16.8%	.0%	1.5%	14	6.8%	44.8%	46.6%	1.8%	.0%
Responsible actions and decision making	17	80.6%	17.8%	1.5%	17	42.1%	47.7%	8.7%	.0%	1.5%	13	5.1%	42.9%	50.1%	1.8%	.0%
Understanding other people and other points of view	17	90.3%	8.1%	1.5%	17	20.0%	56.3%	20.6%	3.1%	.0%	14	6.8%	46.6%	44.8%	1.8%	.0%
Environmental awareness	17	30.7%	56.9%	12.5%	15	17.9%	24.8%	55.6%	1.8%	.0%	12	5.4%	51.3%	41.4%	1.9%	.0%
Political and economic awareness	17	30.7%	61.2%	8.1%	16	15.4%	34.2%	47.1%	3.4%	.0%	14	6.8%	57.2%	34.2%	1.8%	.0%
Knowledge of political/physical geography	7	44.0%	56.0%	.0%	7	5.7%	44.0%	50.2%	.0%	.0%	6	.0%	36.4%	63.6%	.0%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							M Business	Administra	ation in Aviation	on					
	Unw td # of Res pon dent s	Usefulne (1) Very Useful Wtd Row %	ess of skill or (2) Somewh at Useful Wtd Row %	(3) Not Useful Wtd Row %	Unw td # of Res pon dent s	(1) Excelle nt Wtd Row %	Competence (2) Good Wtd Row %	ce of this El (3) Averag e Wtd Row %	RAU Graduat (4) Poor Wtd Row %	e (5) Very Poor Wtd Row %	Unw td # of Res pon dent s	Con (1) Excelle nt Wtd Row %	npetence of (2) Good Wtd Row %	other Gradu (3) Average Wtd Row %	ates (4) Poor Wtd Row %
(A) Apply concept of group dynamics, etc in impl org goals	7	67.3%	32.7%	.0%	7	41.8%	16.2%	25.5%	16.5%	.0%	5	48.2%	13.8%	37.9%	.0%
(B) Apply concts/strat in market plan w/emphasis on av/aero	7	16.2%	83.8%	.0%	7	41.8%	16.2%	25.5%	16.5%	.0%	5	37.9%	.0%	62.1%	.0%
(C) Analyze financial statements within organizations	7	42.0%	16.2%	41.8%	5	56.3%	43.7%	.0%	.0%	.0%	4	16.1%	28.0%	56.0%	.0%
(D) Access, analyze, and communicate information	6	58.3%	41.7%	.0%	6	50.0%	19.4%	30.6%	.0%	.0%	5	13.8%	24.1%	48.2%	13.8%
(E) Apply stat/quant analysis to business problems	7	58.2%	32.4%	9.3%	5	78.1%	.0%	21.9%	.0%	.0%	4	16.1%	28.0%	56.0%	.0%
(F) Integrate knowledge of economic concepts to av/aero ops	7	25.5%	16.2%	58.2%	6	46.0%	17.9%	17.9%	.0%	18.2%	4	16.1%	28.0%	56.0%	.0%
(G) Form/execute strategies/policies to achieve org goals	7	16.2%	67.3%	16.5%	7	41.8%	16.2%	25.5%	16.5%	.0%	5	37.9%	.0%	48.2%	13.8%
Understand functions/scope human resources*	1	.0%	.0%	100.0%	1	.0%	.0%	.0%	100.0%	.0%	0	.0%	.0%	.0%	.0%
Apply/analysis of managerial accounting concepts*	1	100.0%	.0%	.0%	0	.0%	.0%	.0%	.0%	.0%	0	.0%	.0%	.0%	.0%
Knowledge of systems concepts/decisions/info sys*	1	.0%	100.0%	.0%	1	.0%	.0%	.0%	.0%	100.0%	0	.0%	.0%	.0%	.0%

^{*} Discontinued questions.

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

	1						M Business	Administra	ation in Aviati	on					
	Unw td # of Res pon dent s	Usefuln (1) Very Useful Wtd Row %	ess of skill on (2) Somewh at Useful Wtd Row %	(3) Not Useful Wtd Row %	Unw td # of Res pon dent s	(1) Excelle nt Wtd Row %			RAU Graduat (4) Poor Wtd Row %		Unw td # of Res pon dent s	Cor (1) Excelle nt Wtd Row %	npetence o (2) Good Wtd Row %	(3) Average Wtd Row	(4) Poor Wtd Row %
(A) Apply concept of group dynamics, etc in impl org goals	11	52.3%	47.7%	.0%	11	33.8%	22.2%	42.0%	2.0%	.0%	9	2.9%	22.4%	74.7%	.0%
(B) Apply concts/strat in market plan w/emphasis on av/aero	11	12.9%	18.5%	68.6%	9	35.1%	5.8%	56.9%	2.3%	.0%	7	.0%	.0%	100.0%	.0%
(C) Analyze financial statements within organizations	11	12.3%	45.7%	42.0%	10	31.0%	10.9%	53.8%	2.2%	2.2%	8	3.1%	7.9%	89.0%	.0%
(D) Access, analyze, and communicate information	6	86.4%	.0%	13.6%	6	29.8%	26.7%	43.5%	.0%	.0%	5	.0%	28.7%	71.3%	.0%
(E) Apply stat/quant analysis to business problems	12	44.6%	45.3%	10.2%	12	27.6%	32.0%	36.5%	3.8%	.0%	10	2.7%	28.2%	69.1%	.0%
(F) Integrate knowledge of economic concepts to av/aero ops	11	7.8%	41.4%	50.8%	9	28.7%	6.4%	62.7%	2.3%	.0%	7	.0%	12.9%	87.1%	.0%
(G) Form/execute strategies/policies to achieve org goals	11	7.2%	18.6%	74.2%	10	40.8%	5.8%	51.2%	2.3%	.0%	8	.0%	3.4%	96.6%	.0%
Understand functions/scope human resources*	6	28.8%	71.2%	.0%	6	21.2%	21.2%	42.5%	15.1%	.0%	5	9.6%	.0%	90.4%	.0%
Apply/analysis of managerial accounting concepts*	5	9.6%	63.5%	26.9%	4	36.9%	.0%	50.0%	13.1%	.0%	3	20.8%	.0%	79.2%	.0%
Knowledge of systems concepts/decisions/info sys*	6	7.5%	92.5%	.0%	6	28.8%	21.2%	42.5%	7.5%	.0%	5	.0%	36.5%	63.5%	.0%

^{**}Discontinued questions.

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 General Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

							ıman Factors						
						Hum	an Factors E	ngr Track					
	Unw	Usefulne	ess of Skill or	the Job	Unw	Comp	petence of th	s ERAU Grad	duate	Unw td#		nce of Gradu ther Institutio	
	of Res pon dent	(1) Very Useful Wtd Row	(2) Somewh at Useful Wtd Row	(3) Not Useful Wtd Row	of Res pon dent	(1) Excelle nt Wtd	(2) Good Wtd Row	(3) Average Wtd Row	(4) Poor Wtd	of Res pon dent	(2) Good Wtd Row	(3) Average Wtd Row	(4) Poor Wtd Row
	S	%	%	%	s	Row %	%	%	Row %	S	%	%	%
Quantitative/mathematics	3	22.0%	78.0%	.0%	3	.0%	22.0%	78.0%	.0%	3	22.0%	78.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	3	100.0%	.0%	.0%	3	22.0%	78.0%	.0%	.0%	3	100.0%	.0%	.0%
Writing skills (non-technical)	3	100.0%	.0%	.0%	3	.0%	22.0%	78.0%	.0%	3	22.0%	78.0%	.0%
Technical writing	3	100.0%	.0%	.0%	3	.0%	22.0%	.0%	78.0%	3	22.0%	78.0%	.0%
Speaking before an audience	3	22.0%	78.0%	.0%	3	.0%	22.0%	78.0%	.0%	3	.0%	100.0%	.0%
Applied research (information gathering and analysis)	3	100.0%	.0%	.0%	3	22.0%	78.0%	.0%	.0%	3	.0%	100.0%	.0%
Critical thinking	3	100.0%	.0%	.0%	3	.0%	100.0%	.0%	.0%	3	.0%	100.0%	.0%
Independent work	3	22.0%	78.0%	.0%	3	.0%	100.0%	.0%	.0%	3	.0%	100.0%	.0%
Planning, scheduling, and carrying out projects	3	22.0%	78.0%	.0%	3	.0%	22.0%	78.0%	.0%	3	.0%	100.0%	.0%
Defining and solving problems	3	100.0%	.0%	.0%	3	.0%	100.0%	.0%	.0%	3	.0%	100.0%	.0%
Working in groups/teams	3	78.0%	22.0%	.0%	3	78.0%	22.0%	.0%	.0%	3	.0%	100.0%	.0%
Leading/guiding others	3	.0%	100.0%	.0%	3	.0%	22.0%	78.0%	.0%	3	.0%	100.0%	.0%
Responsible actions and decision making	3	100.0%	.0%	.0%	3	.0%	100.0%	.0%	.0%	3	22.0%	78.0%	.0%
Understanding other people and other points of view	3	100.0%	.0%	.0%	3	.0%	100.0%	.0%	.0%	3	22.0%	78.0%	.0%
Environmental awareness	3	.0%	78.0%	22.0%	2	.0%	.0%	100.0%	.0%	2	.0%	100.0%	.0%
Political and economic awareness	3	.0%	78.0%	22.0%	2	.0%	.0%	100.0%	.0%	2	.0%	.0%	100.0%
Knowledge of political/physical geography	3	.0%	.0%	100.0%	0	.0%	.0%	.0%	.0%	0	.0%	.0%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Daytona Beach

						Factors & Sy				
	Unw	Usefulne	ss of skill o		Unw		tence of this	ERAU	Unw	Compete nce of other Graduate s
	td # of Res pon dent s	(1) Very Useful Wtd Row %	(2) Somew hat Useful Wtd Row %	(3) Not Useful Wtd Row %	td # of Res pon dent s	(1) Excellent Wtd Row %	(2) Good Wtd Row %	(3) Averag e Wtd Row %	td # of Res pon dent s	(3) Average Wtd Row %
(A) Ability to identify hf problems	3	78.0%	.0%	22.0%	2	100.0%	.0%	.0%	2	100.0%
(B) Knowledge of general systems concepts	3	.0%	78.0%	22.0%	2	.0%	100.0%	.0%	2	100.0%
(C) Apply knowledge of perception/cognition/memory problems	3	78.0%	22.0%	.0%	3	.0%	100.0%	.0%	3	100.0%
(D) Understand/ability to apply stats/quant tech	3	22.0%	78.0%	.0%	3	.0%	100.0%	.0%	3	100.0%
(E) Understand/ability to apply strategies in a research plan	3	22.0%	78.0%	.0%	3	.0%	22.0%	78.0%	3	100.0%

ERAU General Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

							N.	IS Technica	al Managen	nent						
		Usefulne	ss of Skill o	n the Job		С	ompetence	of this ERA	AU Graduat	e		Compe	tence of Gra	aduates fro	m Other Ins	titutions
	Unw td # of Res	(1) Very Useful	(2) Somew hat Useful	(3) Not Useful	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	Unw td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
Quantitative/mathematics	17	41.7%	51.8%	6.5%	16	36.8%	43.9%	19.3%	.0%	.0%	14	17.1%	65.8%	17.1%	.0%	.0%
Basic PC software (word processing, spreadsheets, etc.)	17	90.7%	3.3%	6.1%	17	70.8%	16.6%	6.5%	6.1%	.0%	14	30.5%	52.4%	10.4%	6.7%	.0%
Writing skills (non-technical)	17	68.0%	25.9%	6.1%	17	44.6%	32.8%	16.6%	.0%	6.1%	14	10.4%	60.9%	22.0%	.0%	6.7%
Technical writing	17	80.2%	19.8%	.0%	17	52.2%	15.9%	25.9%	6.1%	.0%	14	6.7%	57.8%	28.7%	6.7%	.0%
Speaking before an audience	17	51.1%	42.8%	6.1%	17	34.1%	35.6%	19.8%	10.5%	.0%	14	22.0%	42.6%	22.0%	13.4%	.0%
Applied research (information gathering and analysis)	17	64.4%	9.3%	26.3%	16	37.5%	41.0%	15.1%	.0%	6.5%	13	18.3%	38.0%	36.5%	7.2%	.0%
Critical thinking	17	83.4%	10.5%	6.1%	16	52.6%	29.8%	11.2%	.0%	6.5%	14	13.4%	69.5%	10.4%	6.7%	.0%
Independent work	17	80.2%	13.8%	6.1%	17	51.1%	29.1%	13.8%	.0%	6.1%	14	23.8%	51.1%	11.6%	13.4%	.0%
Planning, scheduling, and carrying out projects	17	93.9%	.0%	6.1%	17	67.6%	23.1%	3.3%	.0%	6.1%	14	10.4%	60.9%	22.0%	6.7%	.0%
Defining and solving problems	17	80.2%	13.8%	6.1%	17	55.4%	21.5%	17.0%	.0%	6.1%	14	17.1%	59.1%	10.4%	13.4%	.0%
Working in groups/teams	17	83.4%	10.5%	6.1%	17	47.8%	32.3%	13.8%	6.1%	.0%	14	6.7%	68.2%	11.6%	13.4%	.0%
Leading/guiding others	17	69.3%	24.6%	6.1%	17	50.6%	20.2%	23.1%	.0%	6.1%	14	17.1%	50.6%	18.9%	.0%	13.4%
Responsible actions and decision making	17	83.4%	10.5%	6.1%	17	44.6%	43.3%	6.1%	.0%	6.1%	14	23.8%	52.4%	10.4%	13.4%	.0%
Understanding other people and other points of view	17	63.2%	30.7%	6.1%	17	38.5%	26.3%	29.2%	6.1%	.0%	14	17.1%	59.1%	17.1%	6.7%	.0%
Environmental awareness	17	28.7%	65.3%	6.1%	15	38.9%	18.7%	42.5%	.0%	.0%	13	11.1%	54.2%	34.7%	.0%	.0%
Political and economic awareness	17	23.1%	70.8%	6.1%	15	17.0%	44.2%	32.2%	6.7%	.0%	13	3.9%	58.1%	38.0%	.0%	.0%
Knowledge of political/physical geography	8	16.1%	50.0%	33.9%	7	8.8%	45.6%	45.6%	.0%	.0%	5	.0%	55.3%	44.7%	.0%	.0%

ERAU Degree Specific Skills Preparation and Usefulness on the Job All Years Combined

Worldwide

							MS Te	chnical Mar	nagement						
		Usefulness of skill on the Job (2)				Commenter on of this EDALL Conductor					Unw	Competence of other Graduates			
	Unw				Unw	Competence of this ERAU Graduate				Competence of other Graduates					
	td # of Res	(1) Very Useful	Somew hat Useful	(3) Not Useful	td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor	(5) Very Poor	td # of Res	(1) Excelle nt	(2) Good	(3) Averag e	(4) Poor
	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %	pon dent s	Wtd Row %	Wtd Row %	Wtd Row %	Wtd Row %
(A) Using computer techniques to solve mgmt problems	11	52.9%	33.1%	14.0%	11	52.9%	25.0%	14.0%	8.1%	.0%	10	.0%	76.9%	14.7%	8.5%
(B) Understand/apply quant/stats skills for decision making	11	42.7%	49.2%	8.1%	11	52.9%	25.0%	14.0%	.0%	8.1%	10	.0%	68.4%	23.1%	8.5%
(C) Using computer graphics to enhance verbal presentations	11	73.5%	26.5%	.0%	11	65.4%	12.5%	14.0%	8.1%	.0%	10	8.5%	59.9%	23.1%	8.5%
(D) Understanding electronic data sys/relational databases	11	65.4%	16.2%	18.4%	10	59.9%	17.0%	14.7%	8.5%	.0%	9	8.9%	49.1%	33.1%	8.9%
(E) Using financial accounting and quality control processes	11	57.3%	22.1%	20.6%	9	65.4%	.0%	25.3%	9.3%	.0%	8	.0%	63.6%	16.9%	19.5%
(F) Applying stats methods to project dev/problem solutions	11	46.5%	45.4%	8.1%	10	57.6%	18.3%	15.3%	8.8%	.0%	9	.0%	74.7%	16.0%	9.3%
(G) Understanding systems development and operation	11	75.0%	12.5%	12.5%	10	46.8%	44.7%	.0%	8.5%	.0%	9	8.9%	82.2%	.0%	8.9%
(H) Understanding the role of leadership	11	65.4%	26.5%	8.1%	11	65.4%	26.5%	.0%	.0%	8.1%	10	8.5%	74.6%	.0%	17.0%
(I) Understand the role of communication in team building	11	69.8%	22.1%	8.1%	11	61.6%	30.2%	.0%	.0%	8.1%	10	17.0%	51.4%	14.7%	17.0%
(J) Assess regulatory/ethical/legal environments	11	69.8%	22.1%	8.1%	10	46.5%	29.4%	24.1%	.0%	.0%	9	18.5%	46.9%	25.3%	9.3%
(K) Understand mkting tech	11	30.2%	35.1%	34.6%	8	43.6%	28.5%	17.7%	10.2%	.0%	7	.0%	70.5%	18.7%	10.8%
(L) Understand project mgmt/tactical planning	11	61.6%	30.2%	8.1%	11	50.8%	41.1%	.0%	8.1%	.0%	10	8.5%	70.0%	13.1%	8.5%
(M) Using mgmt principles to make better decisions	11	38.4%	61.6%	.0%	11	38.4%	39.5%	22.1%	.0%	.0%	10	8.5%	63.8%	27.7%	.0%
(N) Understand cost/process of improving product quality	11	57.3%	34.6%	8.1%	11	57.3%	20.6%	14.0%	8.1%	.0%	10	.0%	63.8%	27.7%	8.5%