

Alumni Survey – Program Specific Skills

Approximately Five Years after Graduation

Classes of 2005 & 2006

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**Alumni Survey
One Year after Graduation
Class of 2010**

Daytona Beach

College of Arts & Sciences

BS Engineering Physics

**Program-specific Skills: Rate your current ability level
BS Engineering Physics Daytona Beach**

	Very High Ability		High Ability		Moderate Ability		Little Ability		Total	
	#	%	#	%	#	%	#	%	#	%
Apply knowledge of mathematics, science, and engineering	3	75.0%	1	25.0%	0	.0%	0	.0%	4	100.0%
Design and conduct experiments	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Analyze and interpret data	3	75.0%	0	.0%	1	25.0%	0	.0%	4	100.0%
Design a system, component, or process to meet desired needs	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Function on multi-disciplinary teams	3	75.0%	1	25.0%	0	.0%	0	.0%	4	100.0%
Identify, formulate, and solve engineering problems	3	75.0%	0	.0%	1	25.0%	0	.0%	4	100.0%
Understand professional and ethical responsibility	3	75.0%	1	25.0%	0	.0%	0	.0%	4	100.0%
Communicate effectively	3	75.0%	1	25.0%	0	.0%	0	.0%	4	100.0%
Understand the impact of engineering solutions in a global and societal context	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Recognize and engage in life-long learning	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Knowledge of contemporary issues	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Use the techniques, skills, and modern engineering tools necessary for engineering practice	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of classical mechanics	1	25.0%	0	.0%	2	50.0%	1	25.0%	4	100.0%
Knowledge of engineering electricity and magnetism	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of space physics	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of quantum physics	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of space systems engineering and design	2	50.0%	0	.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of electro-optical engineering	0	.0%	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Knowledge of microcomputers and electronic instrumentation	1	25.0%	0	.0%	3	75.0%	0	.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

**Program-specific Skills: Rate usefulness to current job or goal
BS Engineering Physics Daytona Beach**

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Apply knowledge of mathematics, science, and engineering	4	100.0%	0	.0%	0	.0%	0	.0%	4	100.0%
Design and conduct experiments	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Analyze and interpret data	4	100.0%	0	.0%	0	.0%	0	.0%	4	100.0%
Design a system, component, or process to meet desired needs	3	75.0%	0	.0%	1	25.0%	0	.0%	4	100.0%
Function on multi-disciplinary teams	3	75.0%	1	25.0%	0	.0%	0	.0%	4	100.0%
Identify, formulate, and solve engineering problems	2	50.0%	1	25.0%	1	25.0%	0	.0%	4	100.0%
Understand professional and ethical responsibility	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Communicate effectively	4	100.0%	0	.0%	0	.0%	0	.0%	4	100.0%
Understand the impact of engineering solutions in a global and societal context	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%
Recognize and engage in life-long learning	3	75.0%	1	25.0%	0	.0%	0	.0%	4	100.0%
Knowledge of contemporary issues	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%
Use the techniques, skills, and modern engineering tools necessary for engineering practice	3	75.0%	0	.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of classical mechanics	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of engineering electricity and magnetism	2	50.0%	1	25.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of space physics	0	.0%	2	50.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of quantum physics	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of space systems engineering and design	0	.0%	3	75.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of electro-optical engineering	0	.0%	2	50.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of microcomputers and electronic instrumentation	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Engineering Physics Daytona Beach

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Apply knowledge of mathematics, science, and engineering	1	25.0%	3	75.0%	0	.0%	0	.0%	4	100.0%
Design and conduct experiments	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%
Analyze and interpret data	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Design a system, component, or process to meet desired needs	0	.0%	3	75.0%	1	25.0%	0	.0%	4	100.0%
Function on multi-disciplinary teams	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Identify, formulate, and solve engineering problems	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Understand professional and ethical responsibility	1	25.0%	3	75.0%	0	.0%	0	.0%	4	100.0%
Communicate effectively	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Understand the impact of engineering solutions in a global and societal context	0	.0%	2	50.0%	1	25.0%	1	25.0%	4	100.0%
Recognize and engage in life-long learning	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of contemporary issues	0	.0%	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Use the techniques, skills, and modern engineering tools necessary for engineering practice	0	.0%	3	75.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of classical mechanics	1	25.0%	3	75.0%	0	.0%	0	.0%	4	100.0%
Knowledge of engineering electricity and magnetism	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of space physics	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Knowledge of quantum physics	0	.0%	2	50.0%	1	25.0%	1	25.0%	4	100.0%
Knowledge of space systems engineering and design	1	25.0%	3	75.0%	0	.0%	0	.0%	4	100.0%
Knowledge of electro-optical engineering	0	.0%	2	50.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of microcomputers and electronic instrumentation	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

BS Human Factors Psychology

Program-specific Skills: Rate your current ability level
BS Human Factors Psychology Daytona Beach

	Very High Ability		High Ability		Moderate Ability		Total	
	#	%	#	%	#	%	#	%
Knowledge of human psycho physiological, cognitive, and perceptual functioning	3	75.0%	0	.0%	1	25.0%	4	100.0%
Knowledge of human factors involving analytic methods, models, and human capabilities and limitations	3	75.0%	0	.0%	1	25.0%	4	100.0%
Knowledge of basic statistical procedures, including analysis of variance	2	50.0%	0	.0%	2	50.0%	4	100.0%
Research methods and design skills	2	50.0%	0	.0%	2	50.0%	4	100.0%
Effective oral and written communication skills	2	50.0%	0	.0%	2	50.0%	4	100.0%
Ability to read, comprehend, and analyze results of published empirical studies in the human factors field	3	75.0%	0	.0%	1	25.0%	4	100.0%
Understanding of the application of human factors and psychological knowledge in aviation and other applied domains	1	25.0%	2	50.0%	1	25.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Human Factors Psychology Daytona Beach

	Very Useful		Useful		Not Very Useful		Total	
	#	%	#	%	#	%	#	%
Knowledge of human psycho physiological, cognitive, and perceptual functioning	2	50.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of human factors involving analytic methods, models, and human capabilities and limitations	2	50.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of basic statistical procedures, including analysis of variance	3	75.0%	1	25.0%	0	.0%	4	100.0%
Research methods and design skills	2	50.0%	0	.0%	2	50.0%	4	100.0%
Effective oral and written communication skills	4	100.0%	0	.0%	0	.0%	4	100.0%
Ability to read, comprehend, and analyze results of published empirical studies in the human factors field	2	50.0%	2	50.0%	0	.0%	4	100.0%
Understanding of the application of human factors and psychological knowledge in aviation and other applied domains	1	25.0%	3	75.0%	0	.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Human Factors Psychology Daytona Beach

	Very High		High		Moderate		Total	
	#	%	#	%	#	%	#	%
Knowledge of human psycho physiological, cognitive, and perceptual functioning	2	50.0%	1	25.0%	1	25.0%	4	100.0%
Knowledge of human factors involving analytic methods, models, and human capabilities and limitations	3	75.0%	0	.0%	1	25.0%	4	100.0%
Knowledge of basic statistical procedures, including analysis of variance	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Research methods and design skills	2	50.0%	0	.0%	2	50.0%	4	100.0%
Effective oral and written communication skills	3	75.0%	0	.0%	1	25.0%	4	100.0%
Ability to read, comprehend, and analyze results of published empirical studies in the human factors field	2	50.0%	1	25.0%	1	25.0%	4	100.0%
Understanding of the application of human factors and psychological knowledge in aviation and other applied domains	2	50.0%	0	.0%	2	50.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

College of Aviation

BS Aeronautical Science

Program-specific Skills: Rate your current ability level
BS Aeronautical Science Daytona Beach

	Very High Ability		High Ability		Moderate Ability		Little Ability		Total	
	#	%	#	%	#	%	#	%	#	%
An ability to apply knowledge of mathematics, science, and applied sciences	8	32.0%	8	32.0%	9	36.0%	0	.0%	25	100.0%
An ability to analyze and interpret data	8	33.3%	13	54.2%	2	8.3%	1	4.2%	24	100.0%
An ability to function on multi-disciplinary teams	10	43.5%	9	39.1%	3	13.0%	1	4.3%	23	100.0%
An understanding of professional, and ethical responsibility	14	58.3%	8	33.3%	2	8.3%	0	.0%	24	100.0%
An ability to communicate effectively, including both written and verbal communication skills	11	45.8%	9	37.5%	4	16.7%	0	.0%	24	100.0%
A recognition for the need for, and an ability to engage in, life-long learning	11	45.8%	7	29.2%	5	20.8%	1	4.2%	24	100.0%
A knowledge of contemporary issues	6	25.0%	10	41.7%	4	16.7%	4	16.7%	24	100.0%
An ability to use the techniques, skills, and modern technology necessary for professional practice	10	41.7%	11	45.8%	3	12.5%	0	.0%	24	100.0%
An understanding of the national and international aviation environment	8	33.3%	12	50.0%	3	12.5%	1	4.2%	24	100.0%
An ability to apply pertinent knowledge in identifying and solving problems	13	54.2%	8	33.3%	3	12.5%	0	.0%	24	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Aeronautical Science Daytona Beach

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
An ability to apply knowledge of mathematics, science, and applied sciences	7	29.2%	11	45.8%	5	20.8%	1	4.2%	24	100.0%
An ability to analyze and interpret data	12	50.0%	10	41.7%	2	8.3%	0	.0%	24	100.0%
An ability to function on multi-disciplinary teams	10	43.5%	7	30.4%	4	17.4%	2	8.7%	23	100.0%
An understanding of professional, and ethical responsibility	13	54.2%	11	45.8%	0	.0%	0	.0%	24	100.0%
An ability to communicate effectively, including both written and verbal communication skills	15	62.5%	8	33.3%	1	4.2%	0	.0%	24	100.0%
A recognition for the need for, and an ability to engage in, life-long learning	10	41.7%	12	50.0%	1	4.2%	1	4.2%	24	100.0%
A knowledge of contemporary issues	5	20.8%	12	50.0%	5	20.8%	2	8.3%	24	100.0%
An ability to use the techniques, skills, and modern technology necessary for professional practice	16	66.7%	5	20.8%	2	8.3%	1	4.2%	24	100.0%
An understanding of the national and international aviation environment	12	50.0%	9	37.5%	1	4.2%	2	8.3%	24	100.0%
An ability to apply pertinent knowledge in identifying and solving problems	15	62.5%	9	37.5%	0	.0%	0	.0%	24	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Aeronautical Science Daytona Beach

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
An ability to apply knowledge of mathematics, science, and applied sciences	5	20.8%	10	41.7%	8	33.3%	1	4.2%	24	100.0%
An ability to analyze and interpret data	4	16.7%	13	54.2%	6	25.0%	1	4.2%	24	100.0%
An ability to function on multi-disciplinary teams	5	21.7%	9	39.1%	8	34.8%	1	4.3%	23	100.0%
An understanding of professional, and ethical responsibility	4	16.7%	10	41.7%	5	20.8%	5	20.8%	24	100.0%
An ability to communicate effectively, including both written and verbal communication skills	4	16.7%	11	45.8%	8	33.3%	1	4.2%	24	100.0%
A recognition for the need for, and an ability to engage in, life-long learning	4	16.7%	8	33.3%	10	41.7%	2	8.3%	24	100.0%
A knowledge of contemporary issues	4	16.7%	5	20.8%	11	45.8%	4	16.7%	24	100.0%
An ability to use the techniques, skills, and modern technology necessary for professional practice	9	37.5%	7	29.2%	7	29.2%	1	4.2%	24	100.0%
An understanding of the national and international aviation environment	8	33.3%	6	25.0%	6	25.0%	4	16.7%	24	100.0%
An ability to apply pertinent knowledge in identifying and solving problems	7	29.2%	8	33.3%	8	33.3%	1	4.2%	24	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

BS Aeronautics

Program-specific Skills: Rate your current ability level
BS Aeronautics Daytona Beach

	Very High Ability		High Ability		Moderate Ability		Little Ability		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge and understanding of aviation law and regulatory process	1	14.3%	4	57.1%	2	28.6%	0	.0%	7	100.0%
Understanding and application of management theory/concepts	1	14.3%	4	57.1%	1	14.3%	1	14.3%	7	100.0%
Knowledge and understanding of economic principles	1	14.3%	2	28.6%	4	57.1%	0	.0%	7	100.0%
Use of statistical/quantitative techniques to solve problems	1	14.3%	1	14.3%	3	42.9%	2	28.6%	7	100.0%
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	4	66.7%	2	33.3%	0	.0%	0	.0%	6	100.0%
Knowledge and understanding of the many facets of the aviation industry	4	57.1%	2	28.6%	0	.0%	1	14.3%	7	100.0%
Dealing with integrity issues	4	57.1%	2	28.6%	1	14.3%	0	.0%	7	100.0%
Development of moral character	5	71.4%	2	28.6%	0	.0%	0	.0%	7	100.0%
Assertiveness in a leadership or subordinate role	2	33.3%	4	66.7%	0	.0%	0	.0%	6	100.0%
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	5	71.4%	2	28.6%	0	.0%	0	.0%	7	100.0%
Knowledge of scientific principles	1	14.3%	4	57.1%	2	28.6%	0	.0%	7	100.0%
Distinguish themselves as valuable employees in the various employment areas available	4	57.1%	3	42.9%	0	.0%	0	.0%	7	100.0%
Identify the influence and importance of the history of aviation	1	14.3%	4	57.1%	2	28.6%	0	.0%	7	100.0%
Illustrate their preparedness in technical writing skills	2	28.6%	4	57.1%	1	14.3%	0	.0%	7	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Aeronautics Daytona Beach

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge and understanding of aviation law and regulatory process	3	42.9%	3	42.9%	0	.0%	1	14.3%	7	100.0%
Understanding and application of management theory/concepts	5	71.4%	1	14.3%	0	.0%	1	14.3%	7	100.0%
Knowledge and understanding of economic principles	2	28.6%	3	42.9%	2	28.6%	0	.0%	7	100.0%
Use of statistical/quantitative techniques to solve problems	1	14.3%	4	57.1%	1	14.3%	1	14.3%	7	100.0%
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	4	66.7%	2	33.3%	0	.0%	0	.0%	6	100.0%
Knowledge and understanding of the many facets of the aviation industry	5	71.4%	1	14.3%	1	14.3%	0	.0%	7	100.0%
Dealing with integrity issues	6	85.7%	1	14.3%	0	.0%	0	.0%	7	100.0%
Development of moral character	3	42.9%	4	57.1%	0	.0%	0	.0%	7	100.0%
Assertiveness in a leadership or subordinate role	3	42.9%	4	57.1%	0	.0%	0	.0%	7	100.0%
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	4	57.1%	3	42.9%	0	.0%	0	.0%	7	100.0%
Knowledge of scientific principles	1	14.3%	6	85.7%	0	.0%	0	.0%	7	100.0%
Distinguish themselves as valuable employees in the various employment areas available	3	42.9%	4	57.1%	0	.0%	0	.0%	7	100.0%
Identify the influence and importance of the history of aviation	2	28.6%	4	57.1%	1	14.3%	0	.0%	7	100.0%
Illustrate their preparedness in technical writing skills	4	57.1%	3	42.9%	0	.0%	0	.0%	7	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Aeronautics Daytona Beach

	Very High Preparation		High Preparation		Moderate Preparation		Little Preparation		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge and understanding of aviation law and regulatory process	0	.0%	6	85.7%	1	14.3%	0	.0%	7	100.0%
Understanding and application of management theory/concepts	0	.0%	6	85.7%	0	.0%	1	14.3%	7	100.0%
Knowledge and understanding of economic principles	0	.0%	2	28.6%	4	57.1%	1	14.3%	7	100.0%
Use of statistical/quantitative techniques to solve problems	0	.0%	2	28.6%	3	42.9%	2	28.6%	7	100.0%
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	3	50.0%	2	33.3%	1	16.7%	0	.0%	6	100.0%
Knowledge and understanding of the many facets of the aviation industry	4	57.1%	2	28.6%	0	.0%	1	14.3%	7	100.0%
Dealing with integrity issues	3	42.9%	2	28.6%	2	28.6%	0	.0%	7	100.0%
Development of moral character	1	14.3%	2	28.6%	4	57.1%	0	.0%	7	100.0%
Assertiveness in a leadership or subordinate role	2	28.6%	3	42.9%	2	28.6%	0	.0%	7	100.0%
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	1	14.3%	3	42.9%	3	42.9%	0	.0%	7	100.0%
Knowledge of scientific principles	0	.0%	4	57.1%	3	42.9%	0	.0%	7	100.0%
Distinguish themselves as valuable employees in the various employment areas available	1	14.3%	5	71.4%	1	14.3%	0	.0%	7	100.0%
Identify the influence and importance of the history of aviation	3	42.9%	3	42.9%	1	14.3%	0	.0%	7	100.0%
Illustrate their preparedness in technical writing skills	0	.0%	5	71.4%	2	28.6%	0	.0%	7	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

BS Air Traffic Management

Program-specific Skills: Rate your current ability level
BS Air Traffic Management Daytona Beach

	Very High		High		Moderate		Total	
	#	%	#	%	#	%	#	%
Understanding the history, mission, purpose and duty priority of air traffic control	8	88.9%	1	11.1%	0	.0%	9	100.0%
Understanding the principles of flight and the pilot's environment	5	55.6%	4	44.4%	0	.0%	9	100.0%
Knowledge of basic communications and air traffic control phraseology	7	77.8%	1	11.1%	1	11.1%	9	100.0%
Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts	4	44.4%	4	44.4%	1	11.1%	9	100.0%
Knowledge of VFR Sectional Charts, VFR Terminal Charts, IFR Enroute Low Altitude Charts, IFR Enroute High Altitude Charts	6	66.7%	2	22.2%	1	11.1%	9	100.0%
Understanding of basic weather fundamentals, weather systems, and hazardous weather	6	66.7%	3	33.3%	0	.0%	9	100.0%
Knowledge and ability to interpret meteorological reports: METARs, Terminal Area Forecasts, AIRMETs, SIGMETs, and PIREPs	5	55.6%	4	44.4%	0	.0%	9	100.0%
Knowledge of air traffic control strip marking: enroute and terminal	6	66.7%	2	22.2%	1	11.1%	9	100.0%
Understanding of Radar separation procedures, airspace to be protected, speed adjustments, vectoring techniques and traffic coordination applicable to Air traffic Control operations	6	66.7%	2	22.2%	1	11.1%	9	100.0%
Knowledge of basic VFR Control Tower operations, including duties and responsibilities associated with the operating positions of local control, ground control, and flight data/clearance delivery	5	55.6%	1	11.1%	3	33.3%	9	100.0%
Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control	5	55.6%	3	33.3%	1	11.1%	9	100.0%
Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft	4	44.4%	3	33.3%	2	22.2%	9	100.0%
Understanding of Air Route Traffic Control Center operations as they pertain to non-radar separation of aircraft	0	.0%	5	55.6%	4	44.4%	9	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Air Traffic Management Daytona Beach

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Understanding the history, mission, purpose and duty priority of air traffic control	6	66.7%	1	11.1%	1	11.1%	1	11.1%	9	100.0%
Understanding the principles of flight and the pilot's environment	6	66.7%	2	22.2%	0	.0%	1	11.1%	9	100.0%
Knowledge of basic communications and air traffic control phraseology	8	88.9%	0	.0%	0	.0%	1	11.1%	9	100.0%
Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts	6	66.7%	2	22.2%	0	.0%	1	11.1%	9	100.0%
Knowledge of VFR Sectional Charts, VFR Terminal Charts, IFR Enroute Low Altitude Charts, IFR Enroute High Altitude Charts	5	55.6%	3	33.3%	0	.0%	1	11.1%	9	100.0%
Understanding of basic weather fundamentals, weather systems, and hazardous weather	6	66.7%	2	22.2%	0	.0%	1	11.1%	9	100.0%
Knowledge and ability to interpret meteorological reports: METARs, Terminal Area Forecasts, AIRMETs, SIGMETs, and PIREPs	5	55.6%	3	33.3%	0	.0%	1	11.1%	9	100.0%
Knowledge of air traffic control strip marking: enroute and terminal	8	88.9%	0	.0%	0	.0%	1	11.1%	9	100.0%
Understanding of Radar separation procedures, airspace to be protected, speed adjustments, vectoring techniques and traffic coordination applicable to Air traffic Control operations	8	88.9%	0	.0%	0	.0%	1	11.1%	9	100.0%
Knowledge of basic VFR Control Tower operations, including duties and responsibilities associated with the operating positions of local control, ground control, and flight data/clearance delivery	5	55.6%	3	33.3%	0	.0%	1	11.1%	9	100.0%
Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control	6	66.7%	2	22.2%	0	.0%	1	11.1%	9	100.0%
Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft	6	66.7%	1	11.1%	1	11.1%	1	11.1%	9	100.0%
Understanding of Air Route Traffic Control Center operations as they pertain to non-radar separation of aircraft	3	33.3%	3	33.3%	2	22.2%	1	11.1%	9	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Air Traffic Management Daytona Beach

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Understanding the history, mission, purpose and duty priority of air traffic control	4	44.4%	3	33.3%	2	22.2%	0	.0%	9	100.0%
Understanding the principles of flight and the pilot's environment	2	22.2%	4	44.4%	3	33.3%	0	.0%	9	100.0%
Knowledge of basic communications and air traffic control phraseology	5	55.6%	3	33.3%	1	11.1%	0	.0%	9	100.0%
Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts	1	11.1%	6	66.7%	2	22.2%	0	.0%	9	100.0%
Knowledge of VFR Sectional Charts, VFR Terminal Charts, IFR Enroute Low Altitude Charts, IFR Enroute High Altitude Charts	1	11.1%	6	66.7%	2	22.2%	0	.0%	9	100.0%
Understanding of basic weather fundamentals, weather systems, and hazardous weather	4	44.4%	4	44.4%	0	.0%	1	11.1%	9	100.0%
Knowledge and ability to interpret meteorological reports: METARS, Terminal Area Forecasts, AIRMETs, SIGMETs, and PIREPs	4	44.4%	4	44.4%	0	.0%	1	11.1%	9	100.0%
Knowledge of air traffic control strip marking: enroute and terminal	2	22.2%	2	22.2%	4	44.4%	1	11.1%	9	100.0%
Understanding of Radar separation procedures, airspace to be protected/speed adjustments, vectoring techniques and traffic coordination applicable to Air traffic Control operations	2	22.2%	5	55.6%	2	22.2%	0	.0%	9	100.0%
Knowledge of basic VFR Control Tower operations, including duties and responsibilities associated with the operating positions of local control, ground control, and flight data/clearance delivery	1	11.1%	6	66.7%	1	11.1%	1	11.1%	9	100.0%
Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control	2	22.2%	3	33.3%	3	33.3%	1	11.1%	9	100.0%
Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft	4	44.4%	3	33.3%	2	22.2%	0	.0%	9	100.0%
Understanding of Air Route Traffic Control Center operations as they pertain to non-radar separation of aircraft	2	22.2%	2	22.2%	4	44.4%	1	11.1%	9	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

BS Applied Meteorology

Program-specific Skills: Rate your current ability level
BS Applied Meteorology Daytona Beach

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Ability to apply knowledge of meteorology, math, and the sciences in general to projects, services and assignments	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge and ability to utilize techniques, skills, and computer resources for weather data gathering, analysis, interpretation, and product generation	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Ability to function in teams	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
An understanding of professional and ethical responsibilities	3	75.0%	1	25.0%	0	.0%	0	.0%	4	100.0%
Ability to express complex weather concepts in terms that others can understand using both written and verbal communication methods	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
A recognition of the need for, and an ability to engage in, life-long learning	4	100.0%	0	.0%	0	.0%	0	.0%	4	100.0%
A knowledge of contemporary meteorological problems, issues, and programs for both research and user applications	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Ability to use techniques, skills, and modern technology for meteorological professional practices	0	.0%	2	50.0%	1	25.0%	1	25.0%	4	100.0%
An understanding of the national and international aviation environment which relate to weather	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Ability to apply pertinent meteorological knowledge in identifying and solving problems for both yourself and for customers	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Applied Meteorology Daytona Beach

	Very Useful		Useful		Not Very Useful		Not At All		Total	
	#	%	#	%	#	%	#	%	#	%
Ability to apply knowledge of meteorology, math, and the sciences in general to projects, services and assignments	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%
Knowledge and ability to utilize techniques, skills, and computer resources for weather data gathering, analysis, interpretation, and product generation	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%
Ability to function in teams	2	50.0%	1	25.0%	0	.0%	1	25.0%	4	100.0%
An understanding of professional and ethical responsibilities	2	50.0%	1	25.0%	0	.0%	1	25.0%	4	100.0%
Ability to express complex weather concepts in terms that others can understand using both written and verbal communication methods	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%
A recognition of the need for, and an ability to engage in, life-long learning	2	50.0%	1	25.0%	0	.0%	1	25.0%	4	100.0%
A knowledge of contemporary meteorological problems, issues, and programs for both research and user applications	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%
Ability to use techniques, skills, and modern technology for meteorological professional practices	0	.0%	2	50.0%	1	25.0%	1	25.0%	4	100.0%
An understanding of the national and international aviation environment which relate to weather	1	25.0%	1	25.0%	0	.0%	2	50.0%	4	100.0%
Ability to apply pertinent meteorological knowledge in identifying and solving problems for both yourself and for customers	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Applied Meteorology Daytona Beach

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Ability to apply knowledge of meteorology, math, and the sciences in general to projects, services and assignments	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Knowledge and ability to utilize techniques, skills, and computer resources for weather data gathering, analysis, interpretation, and product generation	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Ability to function in teams	2	50.0%	1	25.0%	0	.0%	1	25.0%	4	100.0%
An understanding of professional and ethical responsibilities	2	50.0%	1	25.0%	0	.0%	1	25.0%	4	100.0%
Ability to express complex weather concepts in terms that others can understand using both written and verbal communication methods	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
A recognition of the need for, and an ability to engage in, life-long learning	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%
A knowledge of contemporary meteorological problems, issues, and programs for both research and user applications	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Ability to use techniques, skills, and modern technology for meteorological professional practices	0	.0%	2	50.0%	2	50.0%	0	.0%	4	100.0%
An understanding of the national and international aviation environment which relate to weather	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Ability to apply pertinent meteorological knowledge in identifying and solving problems for both yourself and for customers	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

College of Business

M Business Administration

Program-specific Skills: Rate your current ability level
M Business Administration Daytona Beach

	Very High Ability		High Ability		Moderate Ability		Total	
	#	%	#	%	#	%	#	%
Apply key organizational concepts of group dynamics, leadership, conflict resolution, ethics and motivation in implementing organizational goals	4	50.0%	3	37.5%	1	12.5%	8	100.0%
Apply the concepts and strategies involved in planning, implementing and controlling, a marketing plan with special emphasis on aviation/aerospace organizations	2	25.0%	3	37.5%	3	37.5%	8	100.0%
Analyze financial statements and utilize corporate finance concepts and techniques in decision making within organizations	4	50.0%	3	37.5%	1	12.5%	8	100.0%
Access, analyze, and communicate information using multiple means/media	5	62.5%	2	25.0%	1	12.5%	8	100.0%
Apply statistical and quantitative analysis to solve business problems	3	37.5%	5	62.5%	0	.0%	8	100.0%
Integrate knowledge of macro- and micro-economic concepts to support aviation/aerospace operations	2	25.0%	4	50.0%	2	25.0%	8	100.0%
Formulate and execute strategies and policies required to achieve organizational goals in the competitive environment of airlines, airports, aerospace, manufacturing, and government	2	25.0%	3	37.5%	3	37.5%	8	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
M Business Administration Daytona Beach

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Apply key organizational concepts of group dynamics, leadership, conflict resolution, ethics and motivation in implementing organizational goals	7	87.5%	1	12.5%	0	.0%	0	.0%	8	100.0%
Apply the concepts and strategies involved in planning, implementing and controlling, a marketing plan with special emphasis on aviation/aerospace organizations	3	37.5%	3	37.5%	1	12.5%	1	12.5%	8	100.0%
Analyze financial statements and utilize corporate finance concepts and techniques in decision making within organizations	6	85.7%	1	14.3%	0	.0%	0	.0%	7	100.0%
Access, analyze, and communicate information using multiple means/media	4	57.1%	3	42.9%	0	.0%	0	.0%	7	100.0%
Apply statistical and quantitative analysis to solve business problems	5	62.5%	3	37.5%	0	.0%	0	.0%	8	100.0%
Integrate knowledge of macro- and micro-economic concepts to support aviation/aerospace operations	4	50.0%	2	25.0%	1	12.5%	1	12.5%	8	100.0%
Formulate and execute strategies and policies required to achieve organizational goals in the competitive environment of airlines, airports, aerospace, manufacturing, and government	3	37.5%	3	37.5%	1	12.5%	1	12.5%	8	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate ERAU's preparation
M Business Administration Daytona Beach

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Apply key organizational concepts of group dynamics, leadership, conflict resolution, ethics and motivation in implementing organizational goals	4	57.1%	1	14.3%	0	.0%	2	28.6%	7	100.0%
Apply the concepts and strategies involved in planning, implementing and controlling, a marketing plan with special emphasis on aviation/aerospace organizations	2	28.6%	3	42.9%	0	.0%	2	28.6%	7	100.0%
Analyze financial statements and utilize corporate finance concepts and techniques in decision making within organizations	3	50.0%	2	33.3%	0	.0%	1	16.7%	6	100.0%
Access, analyze, and communicate information using multiple means/media	2	33.3%	2	33.3%	1	16.7%	1	16.7%	6	100.0%
Apply statistical and quantitative analysis to solve business problems	1	14.3%	5	71.4%	1	14.3%	0	.0%	7	100.0%
Integrate knowledge of macro- and micro-economic concepts to support aviation/aerospace operations	2	28.6%	3	42.9%	2	28.6%	0	.0%	7	100.0%
Formulate and execute strategies and policies required to achieve organizational goals in the competitive environment of airlines, airports, aerospace, manufacturing, and government	2	28.6%	3	42.9%	1	14.3%	1	14.3%	7	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

SOURCE: Office of Institutional Research, September 2012

Alumni Survey
One Year after Graduation
Class of 2010

College of Engineering

BS Aerospace Engineering

Program-specific Skills: Rate your current ability level
BS Aerospace Engineering Daytona Beach

	Very High Ability		High Ability		Moderate Ability		Little Ability		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge of mathematics and physical science	7	46.7%	6	40.0%	2	13.3%	0	.0%	15	100.0%
Knowledge of fundamental engineering sciences	6	40.0%	6	40.0%	2	13.3%	1	6.7%	15	100.0%
Design and conduct experiments	0	.0%	8	57.1%	5	35.7%	1	7.1%	14	100.0%
Analyze and interpret experimental data	2	14.3%	8	57.1%	3	21.4%	1	7.1%	14	100.0%
Knowledge of aerodynamics	5	33.3%	3	20.0%	6	40.0%	1	6.7%	15	100.0%
Knowledge of aircraft performance	3	20.0%	4	26.7%	8	53.3%	0	.0%	15	100.0%
Knowledge of flight mechanics or spacecraft dynamics	4	26.7%	5	33.3%	5	33.3%	1	6.7%	15	100.0%
Knowledge of aerospace materials	5	33.3%	2	13.3%	6	40.0%	2	13.3%	15	100.0%
Knowledge of aircraft or spacecraft structures	3	20.0%	4	26.7%	7	46.7%	1	6.7%	15	100.0%
Knowledge of propulsion	4	26.7%	5	33.3%	3	20.0%	3	20.0%	15	100.0%
Knowledge of orbital mechanics	2	13.3%	5	33.3%	5	33.3%	3	20.0%	15	100.0%
Knowledge of control systems	1	6.7%	3	20.0%	7	46.7%	4	26.7%	15	100.0%
Knowledge of circuits, electronics, or instrumentation	2	13.3%	1	6.7%	6	40.0%	6	40.0%	15	100.0%
Identify, formulate, and solve engineering problems	5	33.3%	6	40.0%	4	26.7%	0	.0%	15	100.0%
Use computer aided engineering and programming tools	9	60.0%	4	26.7%	0	.0%	2	13.3%	15	100.0%
Design an aircraft or spacecraft system, component, or mission to meet desired needs	2	13.3%	9	60.0%	2	13.3%	2	13.3%	15	100.0%
Understand the impact of engineering decisions on society and the environment	3	20.0%	4	26.7%	4	26.7%	4	26.7%	15	100.0%
Understand professional and ethical responsibility	6	40.0%	7	46.7%	1	6.7%	1	6.7%	15	100.0%
Recognize the need to continue professional development throughout one's career	11	73.3%	3	20.0%	0	.0%	1	6.7%	15	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Aerospace Engineering Daytona Beach

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge of mathematics and physical science	8	53.3%	4	26.7%	1	6.7%	2	13.3%	15	100.0%
Knowledge of fundamental engineering sciences	6	42.9%	6	42.9%	1	7.1%	1	7.1%	14	100.0%
Design and conduct experiments	6	40.0%	6	40.0%	2	13.3%	1	6.7%	15	100.0%
Analyze and interpret experimental data	7	46.7%	6	40.0%	1	6.7%	1	6.7%	15	100.0%
Knowledge of aerodynamics	5	33.3%	6	40.0%	2	13.3%	2	13.3%	15	100.0%
Knowledge of aircraft performance	3	20.0%	7	46.7%	3	20.0%	2	13.3%	15	100.0%
Knowledge of flight mechanics or spacecraft dynamics	5	33.3%	6	40.0%	2	13.3%	2	13.3%	15	100.0%
Knowledge of aerospace materials	7	46.7%	5	33.3%	2	13.3%	1	6.7%	15	100.0%
Knowledge of aircraft or spacecraft structures	5	33.3%	7	46.7%	2	13.3%	1	6.7%	15	100.0%
Knowledge of propulsion	5	33.3%	6	40.0%	2	13.3%	2	13.3%	15	100.0%
Knowledge of orbital mechanics	3	20.0%	4	26.7%	3	20.0%	5	33.3%	15	100.0%
Knowledge of control systems	4	26.7%	7	46.7%	1	6.7%	3	20.0%	15	100.0%
Knowledge of circuits, electronics, or instrumentation	3	20.0%	6	40.0%	4	26.7%	2	13.3%	15	100.0%
Identify, formulate, and solve engineering problems	7	46.7%	5	33.3%	2	13.3%	1	6.7%	15	100.0%
Use computer aided engineering and programming tools	9	60.0%	3	20.0%	1	6.7%	2	13.3%	15	100.0%
Design an aircraft or spacecraft system, component, or mission to meet desired needs	7	46.7%	3	20.0%	2	13.3%	3	20.0%	15	100.0%
Understand the impact of engineering decisions on society and the environment	3	20.0%	7	46.7%	2	13.3%	3	20.0%	15	100.0%
Understand professional and ethical responsibility	8	53.3%	5	33.3%	2	13.3%	0	.0%	15	100.0%
Recognize the need to continue professional development throughout one's career	9	60.0%	6	40.0%	0	.0%	0	.0%	15	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Aerospace Engineering Daytona Beach

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge of mathematics and physical science	7	46.7%	7	46.7%	1	6.7%	0	.0%	15	100.0%
Knowledge of fundamental engineering sciences	6	42.9%	6	42.9%	2	14.3%	0	.0%	14	100.0%
Design and conduct experiments	2	14.3%	5	35.7%	7	50.0%	0	.0%	14	100.0%
Analyze and interpret experimental data	2	13.3%	7	46.7%	6	40.0%	0	.0%	15	100.0%
Knowledge of aerodynamics	6	40.0%	6	40.0%	3	20.0%	0	.0%	15	100.0%
Knowledge of aircraft performance	5	33.3%	6	40.0%	4	26.7%	0	.0%	15	100.0%
Knowledge of flight mechanics or spacecraft dynamics	5	33.3%	6	40.0%	4	26.7%	0	.0%	15	100.0%
Knowledge of aerospace materials	3	20.0%	2	13.3%	8	53.3%	2	13.3%	15	100.0%
Knowledge of aircraft or spacecraft structures	5	33.3%	4	26.7%	5	33.3%	1	6.7%	15	100.0%
Knowledge of propulsion	5	33.3%	6	40.0%	4	26.7%	0	.0%	15	100.0%
Knowledge of orbital mechanics	3	20.0%	6	40.0%	5	33.3%	1	6.7%	15	100.0%
Knowledge of control systems	2	13.3%	6	40.0%	6	40.0%	1	6.7%	15	100.0%
Knowledge of circuits, electronics, or instrumentation	1	6.7%	4	26.7%	8	53.3%	2	13.3%	15	100.0%
Identify, formulate, and solve engineering problems	6	40.0%	6	40.0%	3	20.0%	0	.0%	15	100.0%
Use computer aided engineering and programming tools	5	33.3%	5	33.3%	4	26.7%	1	6.7%	15	100.0%
Design an aircraft or spacecraft system, component, or mission to meet desired needs	3	20.0%	7	46.7%	5	33.3%	0	.0%	15	100.0%
Understand the impact of engineering decisions on society and the environment	2	13.3%	2	13.3%	9	60.0%	2	13.3%	15	100.0%
Understand professional and ethical responsibility	1	6.7%	5	33.3%	8	53.3%	1	6.7%	15	100.0%
Recognize the need to continue professional development throughout one's career	1	6.7%	7	46.7%	6	40.0%	1	6.7%	15	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Prescott
College of Aviation

Aeronautical Science

Program-specific Skills: Rate your current ability level
BS Aeronautical Science Prescott

	Very High Ability		High Ability		Moderate Ability		Little Ability		Total	
	#	%	#	%	#	%	#	%	#	%
Understanding aerodynamic performance of aircraft powered by reciprocating and turbine engines	3	37.5%	3	37.5%	2	25.0%	0	.0%	8	100.0%
Use of electronic navigation and flight control systems	6	75.0%	1	12.5%	1	12.5%	0	.0%	8	100.0%
Crew coordination (cockpit resource management)	5	62.5%	2	25.0%	1	12.5%	0	.0%	8	100.0%
Knowledge of flight physiology, awareness of flight psychology (human factors)	4	50.0%	2	25.0%	1	12.5%	1	12.5%	8	100.0%
Understanding of safety issues, employment of accident prevention techniques, safety program practices and management, and mishap investigation	4	50.0%	3	37.5%	1	12.5%	0	.0%	8	100.0%
Understanding the concepts and process of meteorology	5	62.5%	0	.0%	3	37.5%	0	.0%	8	100.0%
Instrument flight skill	6	75.0%	1	12.5%	0	.0%	1	12.5%	8	100.0%
Multi-engine/high performance aircraft operations	5	62.5%	2	25.0%	0	.0%	1	12.5%	8	100.0%
Knowledge of Federal Aviation Regulations	3	37.5%	2	25.0%	3	37.5%	0	.0%	8	100.0%
Aeronautical decision making (judgment skills)	5	62.5%	2	25.0%	1	12.5%	0	.0%	8	100.0%
Actions, attitudes, and knowledge of security considerations	5	62.5%	2	25.0%	1	12.5%	0	.0%	8	100.0%
Dealing with integrity issues	5	62.5%	1	12.5%	2	25.0%	0	.0%	8	100.0%
Development of moral character	4	50.0%	2	25.0%	2	25.0%	0	.0%	8	100.0%
Assertiveness in a leadership or subordinate role	5	62.5%	2	25.0%	1	12.5%	0	.0%	8	100.0%
Ground/Flight training aptitude	5	62.5%	3	37.5%	0	.0%	0	.0%	8	100.0%
Ability to adapt to and understand Ground/Flight training for initial aviation position	5	62.5%	2	25.0%	0	.0%	1	12.5%	8	100.0%
Foundation for understanding complex aircraft systems/navigation/operation in future aviation positions	5	62.5%	2	25.0%	0	.0%	1	12.5%	8	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Aeronautical Science Prescott

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Understanding aerodynamic performance of aircraft powered by reciprocating and turbine engines	6	75.0%	0	.0%	1	12.5%	1	12.5%	8	100.0%
Use of electronic navigation and flight control systems	6	75.0%	0	.0%	0	.0%	2	25.0%	8	100.0%
Crew coordination (cockpit resource management)	6	75.0%	1	12.5%	0	.0%	1	12.5%	8	100.0%
Knowledge of flight physiology, awareness of flight psychology (human factors)	3	37.5%	3	37.5%	0	.0%	2	25.0%	8	100.0%
Understanding of safety issues, employment of accident prevention techniques, safety program practices and management, and mishap investigation	6	75.0%	2	25.0%	0	.0%	0	.0%	8	100.0%
Understanding the concepts and process of meteorology	5	62.5%	2	25.0%	0	.0%	1	12.5%	8	100.0%
Instrument flight skill	6	75.0%	1	12.5%	0	.0%	1	12.5%	8	100.0%
Multi-engine/high performance aircraft operations	5	62.5%	1	12.5%	1	12.5%	1	12.5%	8	100.0%
Knowledge of Federal Aviation Regulations	4	50.0%	3	37.5%	0	.0%	1	12.5%	8	100.0%
Aeronautical decision making (judgment skills)	6	75.0%	2	25.0%	0	.0%	0	.0%	8	100.0%
Actions, attitudes, and knowledge of security considerations	6	75.0%	1	12.5%	1	12.5%	0	.0%	8	100.0%
Dealing with integrity issues	3	37.5%	5	62.5%	0	.0%	0	.0%	8	100.0%
Development of moral character	5	62.5%	2	25.0%	1	12.5%	0	.0%	8	100.0%
Assertiveness in a leadership or subordinate role	8	100.0%	0	.0%	0	.0%	0	.0%	8	100.0%
Ground/Flight training aptitude	6	75.0%	0	.0%	1	12.5%	1	12.5%	8	100.0%
Ability to adapt to and understand Ground/Flight training for initial aviation position	6	75.0%	0	.0%	1	12.5%	1	12.5%	8	100.0%
Foundation for understanding complex aircraft systems/navigation/operation in future aviation positions	6	75.0%	1	12.5%	0	.0%	1	12.5%	8	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Aeronautical Science Prescott

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Understanding aerodynamic performance of aircraft powered by reciprocating and turbine engines	7	87.5%	1	12.5%	0	.0%	0	.0%	8	100.0%
Use of electronic navigation and flight control systems	6	75.0%	2	25.0%	0	.0%	0	.0%	8	100.0%
Crew coordination (cockpit resource management)	6	75.0%	1	12.5%	1	12.5%	0	.0%	8	100.0%
Knowledge of flight physiology, awareness of flight psychology (human factors)	3	37.5%	1	12.5%	3	37.5%	1	12.5%	8	100.0%
Understanding of safety issues, employment of accident prevention techniques, safety program practices and management, and mishap investigation	5	62.5%	2	25.0%	1	12.5%	0	.0%	8	100.0%
Understanding the concepts and process of meteorology	5	62.5%	1	12.5%	2	25.0%	0	.0%	8	100.0%
Instrument flight skill	7	87.5%	0	.0%	0	.0%	1	12.5%	8	100.0%
Multi-engine/high performance aircraft operations	3	37.5%	3	37.5%	1	12.5%	1	12.5%	8	100.0%
Knowledge of Federal Aviation Regulations	6	75.0%	1	12.5%	1	12.5%	0	.0%	8	100.0%
Aeronautical decision making (judgment skills)	5	62.5%	2	25.0%	0	.0%	1	12.5%	8	100.0%
Actions, attitudes, and knowledge of security considerations	2	25.0%	2	25.0%	2	25.0%	2	25.0%	8	100.0%
Dealing with integrity issues	2	25.0%	1	12.5%	3	37.5%	2	25.0%	8	100.0%
Development of moral character	2	25.0%	1	12.5%	3	37.5%	2	25.0%	8	100.0%
Assertiveness in a leadership or subordinate role	2	25.0%	2	25.0%	2	25.0%	2	25.0%	8	100.0%
Ground/Flight training aptitude	6	75.0%	2	25.0%	0	.0%	0	.0%	8	100.0%
Ability to adapt to and understand Ground/Flight training for initial aviation position	5	62.5%	2	25.0%	1	12.5%	0	.0%	8	100.0%
Foundation for understanding complex aircraft systems/navigation/operation in future aviation positions	5	62.5%	3	37.5%	0	.0%	0	.0%	8	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Aeronautics

Program-specific Skills: Rate your current ability level
BS Aeronautics Prescott

	Very High Ability		High Ability		Moderate Ability		Little Ability		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge and understanding of aviation law and regulations	4	80.0%	1	20.0%	0	.0%	0	.0%	5	100.0%
Understanding and application of management theory/concepts	1	20.0%	3	60.0%	1	20.0%	0	.0%	5	100.0%
Knowledge and understanding of economic principles	0	.0%	2	40.0%	3	60.0%	0	.0%	5	100.0%
Use of statistical/quantitative techniques to solve problems	0	.0%	0	.0%	4	80.0%	1	20.0%	5	100.0%
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	2	40.0%	3	60.0%	0	.0%	0	.0%	5	100.0%
Knowledge and understanding of the many facets of the aviation industry	3	60.0%	2	40.0%	0	.0%	0	.0%	5	100.0%
Dealing with integrity issues	1	20.0%	4	80.0%	0	.0%	0	.0%	5	100.0%
Development of moral character	1	20.0%	4	80.0%	0	.0%	0	.0%	5	100.0%
Assertiveness in a leadership or subordinate role	2	40.0%	2	40.0%	1	20.0%	0	.0%	5	100.0%
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	4	80.0%	1	20.0%	0	.0%	0	.0%	5	100.0%
Knowledge of scientific principles	1	20.0%	3	60.0%	1	20.0%	0	.0%	5	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Aeronautics Prescott

	Very Useful		Useful		Not Very Useful		Total	
	#	%	#	%	#	%	#	%
Knowledge and understanding of aviation law and regulations	4	80.0%	0	.0%	1	20.0%	5	100.0%
Understanding and application of management theory/concepts	2	40.0%	3	60.0%	0	.0%	5	100.0%
Knowledge and understanding of economic principles	1	20.0%	2	40.0%	2	40.0%	5	100.0%
Use of statistical/quantitative techniques to solve problems	1	20.0%	3	60.0%	1	20.0%	5	100.0%
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	3	60.0%	2	40.0%	0	.0%	5	100.0%
Knowledge and understanding of the many facets of the aviation industry	3	60.0%	2	40.0%	0	.0%	5	100.0%
Dealing with integrity issues	1	20.0%	4	80.0%	0	.0%	5	100.0%
Development of moral character	1	20.0%	4	80.0%	0	.0%	5	100.0%
Assertiveness in a leadership or subordinate role	3	60.0%	2	40.0%	0	.0%	5	100.0%
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	3	60.0%	2	40.0%	0	.0%	5	100.0%
Knowledge of scientific principles	1	20.0%	3	60.0%	1	20.0%	5	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate ERAU's preparation
BS Aeronautics Prescott

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge and understanding of aviation law and regulations	2	40.0%	3	60.0%	0	.0%	0	.0%	5	100.0%
Understanding and application of management theory/concepts	0	.0%	2	40.0%	2	40.0%	1	20.0%	5	100.0%
Knowledge and understanding of economic principles	0	.0%	2	40.0%	2	40.0%	1	20.0%	5	100.0%
Use of statistical/quantitative techniques to solve problems	0	.0%	2	40.0%	3	60.0%	0	.0%	5	100.0%
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	3	60.0%	2	40.0%	0	.0%	0	.0%	5	100.0%
Knowledge and understanding of the many facets of the aviation industry	1	20.0%	4	80.0%	0	.0%	0	.0%	5	100.0%
Dealing with integrity issues	0	.0%	3	60.0%	2	40.0%	0	.0%	5	100.0%
Development of moral character	0	.0%	3	60.0%	2	40.0%	0	.0%	5	100.0%
Assertiveness in a leadership or subordinate role	0	.0%	1	20.0%	3	60.0%	1	20.0%	5	100.0%
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	2	40.0%	1	20.0%	2	40.0%	0	.0%	5	100.0%
Knowledge of scientific principles	1	20.0%	2	40.0%	2	40.0%	0	.0%	5	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

College of Engineering

Electrical Engineering

Program-specific Skills: Rate your current ability level
BS Electrical Engineering Prescott

	Very High Ability		High Ability		Moderate Ability		Total	
	#	%	#	%	#	%	#	%
Apply knowledge of mathematics, science, and engineering.	3	100.0%	0	.0%	0	.0%	3	100.0%
Design and conduct experiments.	2	66.7%	1	33.3%	0	.0%	3	100.0%
Analyze and interpret data.	1	100.0%	0	.0%	0	.0%	1	100.0%
Design a computer system or component to meet desired needs	0	.0%	1	33.3%	2	66.7%	3	100.0%
Implement computer programs and computational processes to meet desired needs	0	.0%	0	.0%	3	100.0%	3	100.0%
Function on multi-disciplinary teams	3	100.0%	0	.0%	0	.0%	3	100.0%
Identify, formulate, and solve engineering problems	3	100.0%	0	.0%	0	.0%	3	100.0%
Understand professional and ethical responsibility	1	33.3%	2	66.7%	0	.0%	3	100.0%
Communicate effectively	2	66.7%	0	.0%	1	33.3%	3	100.0%
Understand the impact of engineering solutions in a global and societal context	1	33.3%	1	33.3%	1	33.3%	3	100.0%
Engage in life-long learning	1	33.3%	2	66.7%	0	.0%	3	100.0%
Understand contemporary issues in electrical engineering	0	.0%	2	66.7%	1	33.3%	3	100.0%
Use the techniques, skills, and modern engineering tools necessary for engineering practice	2	66.7%	0	.0%	1	33.3%	3	100.0%
Demonstrate depth within specific sub-areas of electrical engineering such as control, communications, systems, circuit design, etc.	1	33.3%	1	33.3%	1	33.3%	3	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Program-specific Skills: Rate usefulness to current job or goal
BS Electrical Engineering Prescott

	Very Useful		Useful		Not Very Useful		Total	
	#	%	#	%	#	%	#	%
Apply knowledge of mathematics, science, and engineering.	2	66.7%	1	33.3%	0	.0%	3	100.0%
Design and conduct experiments.	1	50.0%	1	50.0%	0	.0%	2	100.0%
Analyze and interpret data.	2	100.0%	0	.0%	0	.0%	2	100.0%
Design a computer system or component to meet desired needs	1	33.3%	1	33.3%	1	33.3%	3	100.0%
Implement computer programs and computational processes to meet desired needs	0	.0%	2	66.7%	1	33.3%	3	100.0%
Function on multi-disciplinary teams	3	100.0%	0	.0%	0	.0%	3	100.0%
Identify, formulate, and solve engineering problems	3	100.0%	0	.0%	0	.0%	3	100.0%
Understand professional and ethical responsibility	1	33.3%	1	33.3%	1	33.3%	3	100.0%
Communicate effectively	2	66.7%	1	33.3%	0	.0%	3	100.0%
Understand the impact of engineering solutions in a global and societal context	0	.0%	2	66.7%	1	33.3%	3	100.0%
Engage in life-long learning	3	100.0%	0	.0%	0	.0%	3	100.0%
Understand contemporary issues in electrical engineering	1	33.3%	1	33.3%	1	33.3%	3	100.0%
Use the techniques, skills, and modern engineering tools necessary for engineering practice	2	66.7%	1	33.3%	0	.0%	3	100.0%
Demonstrate depth within specific sub-areas of electrical engineering such as control, communications, systems, circuit design, etc.	3	100.0%	0	.0%	0	.0%	3	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate ERAU's preparation
BS Electrical Engineering Prescott

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Apply knowledge of mathematics, science, and engineering.	2	66.7%	1	33.3%	0	.0%	0	.0%	3	100.0%
Design and conduct experiments.	0	.0%	2	100.0%	0	.0%	0	.0%	2	100.0%
Analyze and interpret data.	1	50.0%	0	.0%	1	50.0%	0	.0%	2	100.0%
Design a computer system or component to meet desired needs	0	.0%	2	66.7%	1	33.3%	0	.0%	3	100.0%
Implement computer programs and computational processes to meet desired needs	1	33.3%	1	33.3%	1	33.3%	0	.0%	3	100.0%
Function on multi-disciplinary teams	0	.0%	2	66.7%	0	.0%	1	33.3%	3	100.0%
Identify, formulate, and solve engineering problems	1	33.3%	1	33.3%	1	33.3%	0	.0%	3	100.0%
Understand professional and ethical responsibility	1	33.3%	0	.0%	2	66.7%	0	.0%	3	100.0%
Communicate effectively	0	.0%	1	33.3%	1	33.3%	1	33.3%	3	100.0%
Understand the impact of engineering solutions in a global and societal context	0	.0%	0	.0%	3	100.0%	0	.0%	3	100.0%
Engage in life-long learning	0	.0%	2	66.7%	0	.0%	1	33.3%	3	100.0%
Understand contemporary issues in electrical engineering	0	.0%	2	66.7%	1	33.3%	0	.0%	3	100.0%
Use the techniques, skills, and modern engineering tools necessary for engineering practice	1	33.3%	1	33.3%	1	33.3%	0	.0%	3	100.0%
Demonstrate depth within specific sub-areas of electrical engineering such as control, communications, systems, circuit design, etc.	1	33.3%	1	33.3%	1	33.3%	0	.0%	3	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Alumni Survey
One Year after Graduation
Class of 2010

Aerospace Engineering

Program-specific Skills: Rate your current ability level
BS Aerospace Engineering Prescott

	Very High Ability		High Ability		Moderate Ability		Little Ability		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge of mathematics and physical science	7	58.3%	4	33.3%	1	8.3%	0	.0%	12	100.0%
Knowledge of fundamental engineering sciences	6	50.0%	5	41.7%	1	8.3%	0	.0%	12	100.0%
Design and conduct experiments	4	33.3%	5	41.7%	2	16.7%	1	8.3%	12	100.0%
Analyze and interpret experimental data	5	41.7%	5	41.7%	0	.0%	2	16.7%	12	100.0%
Knowledge of aerodynamics	6	50.0%	3	25.0%	1	8.3%	2	16.7%	12	100.0%
Knowledge of aircraft performance	5	41.7%	2	16.7%	3	25.0%	2	16.7%	12	100.0%
Knowledge of flight mechanics or spacecraft dynamics	5	41.7%	3	25.0%	3	25.0%	1	8.3%	12	100.0%
Knowledge of aerospace materials	2	16.7%	5	41.7%	4	33.3%	1	8.3%	12	100.0%
Knowledge of aircraft or spacecraft structures	4	36.4%	4	36.4%	3	27.3%	0	.0%	11	100.0%
Knowledge of propulsion	2	18.2%	5	45.5%	4	36.4%	0	.0%	11	100.0%
Knowledge of orbital mechanics	3	27.3%	3	27.3%	3	27.3%	2	18.2%	11	100.0%
Knowledge of control systems	2	18.2%	1	9.1%	6	54.5%	2	18.2%	11	100.0%
Knowledge of circuits, electronics, or instrumentation	1	9.1%	1	9.1%	5	45.5%	4	36.4%	11	100.0%
Identify, formulate, and solve engineering problems	3	27.3%	7	63.6%	1	9.1%	0	.0%	11	100.0%
Use computer aided engineering and programming tools	4	36.4%	2	18.2%	4	36.4%	1	9.1%	11	100.0%
Design an aircraft or spacecraft system, component, or mission to meet desired needs	3	27.3%	4	36.4%	3	27.3%	1	9.1%	11	100.0%
Understand the impact of engineering decisions on society and the environment	2	18.2%	5	45.5%	3	27.3%	1	9.1%	11	100.0%
Understand professional and ethical responsibility	8	66.7%	3	25.0%	1	8.3%	0	.0%	12	100.0%
Recognize the need to continue professional development throughout one's career	10	83.3%	2	16.7%	0	.0%	0	.0%	12	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

Program-specific Skills: Rate usefulness to current job or goal
BS Aerospace Engineering Prescott

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge of mathematics and physical science	5	41.7%	6	50.0%	1	8.3%	0	.0%	12	100.0%
Knowledge of fundamental engineering sciences	6	50.0%	6	50.0%	0	.0%	0	.0%	12	100.0%
Design and conduct experiments	2	16.7%	6	50.0%	3	25.0%	1	8.3%	12	100.0%
Analyze and interpret experimental data	5	41.7%	4	33.3%	2	16.7%	1	8.3%	12	100.0%
Knowledge of aerodynamics	5	41.7%	3	25.0%	3	25.0%	1	8.3%	12	100.0%
Knowledge of aircraft performance	4	33.3%	4	33.3%	3	25.0%	1	8.3%	12	100.0%
Knowledge of flight mechanics or spacecraft dynamics	4	33.3%	6	50.0%	1	8.3%	1	8.3%	12	100.0%
Knowledge of aerospace materials	4	33.3%	4	33.3%	3	25.0%	1	8.3%	12	100.0%
Knowledge of aircraft or spacecraft structures	6	54.5%	4	36.4%	1	9.1%	0	.0%	11	100.0%
Knowledge of propulsion	4	36.4%	4	36.4%	2	18.2%	1	9.1%	11	100.0%
Knowledge of orbital mechanics	3	27.3%	2	18.2%	4	36.4%	2	18.2%	11	100.0%
Knowledge of control systems	2	18.2%	4	36.4%	4	36.4%	1	9.1%	11	100.0%
Knowledge of circuits, electronics, or instrumentation	2	18.2%	5	45.5%	3	27.3%	1	9.1%	11	100.0%
Identify, formulate, and solve engineering problems	8	72.7%	2	18.2%	1	9.1%	0	.0%	11	100.0%
Use computer aided engineering and programming tools	5	45.5%	6	54.5%	0	.0%	0	.0%	11	100.0%
Design an aircraft or spacecraft system, component, or mission to meet desired needs	7	63.6%	4	36.4%	0	.0%	0	.0%	11	100.0%
Understand the impact of engineering decisions on society and the environment	4	36.4%	5	45.5%	1	9.1%	1	9.1%	11	100.0%
Understand professional and ethical responsibility	9	75.0%	3	25.0%	0	.0%	0	.0%	12	100.0%
Recognize the need to continue professional development throughout one's career	9	75.0%	3	25.0%	0	.0%	0	.0%	12	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.

**Alumni Survey
One Year after Graduation
Class of 2010**

**Program-specific Skills: Rate ERAU's preparation
BS Aerospace Engineering Prescott**

	Very High		High		Moderate		Little		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge of mathematics and physical science	10	83.3%	2	16.7%	0	.0%	0	.0%	12	100.0%
Knowledge of fundamental engineering sciences	10	83.3%	1	8.3%	1	8.3%	0	.0%	12	100.0%
Design and conduct experiments	5	41.7%	5	41.7%	2	16.7%	0	.0%	12	100.0%
Analyze and interpret experimental data	5	41.7%	5	41.7%	2	16.7%	0	.0%	12	100.0%
Knowledge of aerodynamics	8	66.7%	4	33.3%	0	.0%	0	.0%	12	100.0%
Knowledge of aircraft performance	7	58.3%	5	41.7%	0	.0%	0	.0%	12	100.0%
Knowledge of flight mechanics or spacecraft dynamics	8	66.7%	4	33.3%	0	.0%	0	.0%	12	100.0%
Knowledge of aerospace materials	6	50.0%	5	41.7%	1	8.3%	0	.0%	12	100.0%
Knowledge of aircraft or spacecraft structures	8	72.7%	2	18.2%	1	9.1%	0	.0%	11	100.0%
Knowledge of propulsion	6	54.5%	4	36.4%	1	9.1%	0	.0%	11	100.0%
Knowledge of orbital mechanics	8	72.7%	1	9.1%	1	9.1%	1	9.1%	11	100.0%
Knowledge of control systems	5	45.5%	0	.0%	6	54.5%	0	.0%	11	100.0%
Knowledge of circuits, electronics, or instrumentation	3	27.3%	0	.0%	6	54.5%	2	18.2%	11	100.0%
Identify, formulate, and solve engineering problems	7	63.6%	2	18.2%	2	18.2%	0	.0%	11	100.0%
Use computer aided engineering and programming tools	6	54.5%	1	9.1%	2	18.2%	2	18.2%	11	100.0%
Design an aircraft or spacecraft system, component, or mission to meet desired needs	5	45.5%	3	27.3%	3	27.3%	0	.0%	11	100.0%
Understand the impact of engineering decisions on society and the environment	4	36.4%	1	9.1%	2	18.2%	4	36.4%	11	100.0%
Understand professional and ethical responsibility	6	50.0%	1	8.3%	3	25.0%	2	16.7%	12	100.0%
Recognize the need to continue professional development throughout one's career	5	41.7%	5	41.7%	0	.0%	2	16.7%	12	100.0%

Source: Alumni Survey, Classes of 2005 & 2006 (~5 years after graduation). Institutional Research, 09/12.