

Alumni
Survey,
First Year
after
Graduation

2013

Daytona Beach and Prescott Alumni tables, Classes of 2010 and 2011.

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Methodology

The Alumni Survey was created to gather information from recent ERAU graduates. The instrument includes questions on current employment, additional education, general and program specific skills. Alumni participation allows ERAU to establish placement rates, track the pursuance of higher education, respond to accreditation requirements, and assess the curricula.

The administration method of the Alumni survey has varied with regard to the length of time since graduation. Currently, alumni are surveyed both one and four to five years after graduation from the Daytona Beach Campus, or Prescott Campus. Prior administrations of the Alumni Survey (and the Alumni Employment Survey, which is now discontinued) included graduates from Worldwide, and were conducted at either one, two, or five years after graduation.

The following tables of program-specific skills (student learning outcomes) report aggregate results from the class of 2010 and class of 2011 Alumni Surveys for degree programs which had too few respondents to report separately.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

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

BS Aviation Maintenance Science DB

Program-specific Skills: Rate usefulness to current job or goal BS Aviation Maintenance Science Daytona Beach Academic Years 2009-2010 and 2010-2011								
	Very Useful		Useful		Not Very Useful		Total	
	#	%	#	%	#	%	#	%
An ability to apply knowledge of mathematics, science, and applied sciences	3	50.0%	2	33.3%	1	16.7%	6	100.0%
An ability to analyze and interpret data	3	50.0%	2	33.3%	1	16.7%	6	100.0%
An ability to function on multi disciplinary teams	4	66.7%	1	16.7%	1	16.7%	6	100.0%
An understanding of professional and ethical responsibility	5	83.3%	0	.0%	1	16.7%	6	100.0%
An ability to communicate effectively, including both written and verbal communication skills	4	66.7%	1	16.7%	1	16.7%	6	100.0%
A recognition of the need for, and an ability to engage in, life-long learning	3	50.0%	2	33.3%	1	16.7%	6	100.0%
A knowledge of contemporary issues	2	33.3%	2	33.3%	2	33.3%	6	100.0%
An ability to use the techniques, skills, and modern technology necessary for professional practice	3	50.0%	1	16.7%	2	33.3%	6	100.0%
An understanding of the national and international aviation environment	4	66.7%	1	16.7%	1	16.7%	6	100.0%
An ability to apply pertinent knowledge in identifying and solving problems.	5	83.3%	0	.0%	1	16.7%	6	100.0%
Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.								

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

**Program-specific Skills: Rate ERAU's preparation
BS Aviation Maintenance Science Daytona Beach
Academic Years 2009-2010 and 2010-2011**

	Very High Preparation		High Preparation		Moderate Preparation		Total	
	#	%	#	%	#	%	#	%
An ability to apply knowledge of mathematics, science, and applied sciences	3	50.0%	2	33.3%	1	16.7%	6	100.0%
An ability to analyze and interpret data	2	33.3%	3	50.0%	1	16.7%	6	100.0%
An ability to function on multi disciplinary teams	4	66.7%	1	16.7%	1	16.7%	6	100.0%
An understanding of professional and ethical responsibility	3	50.0%	1	16.7%	2	33.3%	6	100.0%
An ability to communicate effectively, including both written and verbal communication skills	2	33.3%	2	33.3%	2	33.3%	6	100.0%
A recognition of the need for, and an ability to engage in, life-long learning	3	50.0%	2	33.3%	1	16.7%	6	100.0%
A knowledge of contemporary issues	2	33.3%	2	33.3%	2	33.3%	6	100.0%
An ability to use the techniques, skills, and modern technology necessary for professional practice	3	50.0%	2	33.3%	1	16.7%	6	100.0%
An understanding of the national and international aviation environment	4	66.7%	1	16.7%	1	16.7%	6	100.0%
An ability to apply pertinent knowledge in identifying and solving problems.	4	66.7%	2	33.3%	0	.0%	6	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

BS Aerospace Studies/Interdisciplinary Studies DB

Program-specific Skills: Rate usefulness to current job or goal BS Aerospace Studies/Interdisciplinary Studies Daytona Beach Academic Years 2009-2010 and 2010-2011										
	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Understand basic concepts in several areas of study, such as aeronautical science, business administration, and social sciences.	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%
Understand the complex history and culture of one or more world regions.	1	25.0%	0	.0%	3	75.0%	0	.0%	4	100.0%
Develop vocabulary and writing skills that apply to specific communication contexts.	2	50.0%	1	25.0%	1	25.0%	0	.0%	4	100.0%
Appreciate and understand the complexity and magnitude of human production in literature, the visual arts, architecture, religion, and myth.	0	.0%	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Develop skills in analytical interpretations of works in the humanities.	0	.0%	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Appreciate and understand human moral, religious, or philosophical thinking and belief systems.	1	25.0%	0	.0%	2	50.0%	1	25.0%	4	100.0%
Garner skills and knowledge from intersecting minors to form a coherent body of knowledge.	1	25.0%	0	.0%	1	25.0%	2	50.0%	4	100.0%
Conduct analytical research that intersects with at least two areas of study or complete a co-operative experience that enhanced knowledge and skills gained in the classroom.	1	25.0%	0	.0%	1	25.0%	2	50.0%	4	100.0%
Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.										

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

**Program-specific Skills: Rate ERAU's preparation
BS Aerospace Studies/Interdisciplinary Studies Daytona Beach
Academic Years 2009-2010 and 2010-2011**

	Very High Preparation		High Preparation		Moderate Preparation		Total	
	#	%	#	%	#	%	#	%
Understand basic concepts in several areas of study, such as aeronautical science, business administration, and social sciences.	2	50.0%	2	50.0%	0	.0%	4	100.0%
Understand the complex history and culture of one or more world regions.	2	50.0%	2	50.0%	0	.0%	4	100.0%
Develop vocabulary and writing skills that apply to specific communication contexts.	2	50.0%	2	50.0%	0	.0%	4	100.0%
Appreciate and understand the complexity and magnitude of human production in literature, the visual arts, architecture, religion, and myth.	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Develop skills in analytical interpretations of works in the humanities.	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Appreciate and understand human moral, religious, or philosophical thinking and belief systems.	1	25.0%	1	25.0%	2	50.0%	4	100.0%
Garner skills and knowledge from intersecting minors to form a coherent body of knowledge.	1	25.0%	2	50.0%	1	25.0%	4	100.0%
Conduct analytical research that intersects with at least two areas of study or complete a co-operative experience that enhanced knowledge and skills gained in the classroom.	1	25.0%	2	50.0%	1	25.0%	4	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

BS Human Factors Psychology DB

Program-specific Skills: Rate usefulness to current job or goal BS Human Factors Psychology Daytona Beach Academic Years 2009-2010 and 2010-2011										
	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Knowledge of human psycho physiological, cognitive, and perceptual functioning	2	40.0%	1	20.0%	1	20.0%	1	20.0%	5	100.0%
Knowledge of human factors involving analytic methods, models, and human capabilities and limitations	2	40.0%	0	.0%	1	20.0%	2	40.0%	5	100.0%
Knowledge of basic statistical procedures, including analysis of variance	2	40.0%	1	20.0%	1	20.0%	1	20.0%	5	100.0%
Research methods and design skills	2	40.0%	0	.0%	1	20.0%	2	40.0%	5	100.0%
Effective oral and written communication skills	2	40.0%	2	40.0%	1	20.0%	0	.0%	5	100.0%
Ability to read, comprehend, and analyze results of published empirical studies in the human factors field	2	40.0%	0	.0%	0	.0%	3	60.0%	5	100.0%
Understanding of the application of human factors and psychological knowledge in aviation and other applied domains	2	40.0%	0	.0%	0	.0%	3	60.0%	5	100.0%
Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.										

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

**Program-specific Skills: Rate ERAU's preparation
BS Human Factors Psychology Daytona Beach
Academic Years 2009-2010 and 2010-2011**

	Very High Preparation		High Preparation		Moderate Preparation		Total	
	#	%	#	%	#	%	#	%
Knowledge of human psycho physiological, cognitive, and perceptual functioning	3	60.0%	2	40.0%	0	.0%	5	100.0%
Knowledge of human factors involving analytic methods, models, and human capabilities and limitations	2	40.0%	3	60.0%	0	.0%	5	100.0%
Knowledge of basic statistical procedures, including analysis of variance	0	.0%	3	60.0%	2	40.0%	5	100.0%
Research methods and design skills	0	.0%	4	80.0%	1	20.0%	5	100.0%
Effective oral and written communication skills	1	20.0%	4	80.0%	0	.0%	5	100.0%
Ability to read, comprehend, and analyze results of published empirical studies in the human factors field	2	40.0%	2	40.0%	1	20.0%	5	100.0%
Understanding of the application of human factors and psychological knowledge in aviation and other applied domains	2	40.0%	3	60.0%	0	.0%	5	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

BS Engineering Physics DB

Program-specific Skills: Rate usefulness to current job or goal BS Engineering Physics Daytona Beach Academic Years 2009-2010 and 2010-2011										
	Very Useful		Useful		Not Very Useful		Not At All Useful		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%	3	75.0%	0	.0%	0	.0%	4	100.0%
Analyze and interpret data	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Design a system, component, or process to meet desired needs	2	50.0%	1	25.0%	0	.0%	1	25.0%	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	3	75.0%	0	.0%	0	.0%	1	25.0%	4	100.0%
Understand professional and ethical responsibility	1	25.0%	2	50.0%	0	.0%	1	25.0%	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	0	.0%	3	75.0%	0	.0%	1	25.0%	4	100.0%
Recognize and engage in life-long learning	2	50.0%	1	25.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of contemporary issues	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%
Use the techniques, skills, and modern engineering tools necessary for engineering practice	3	75.0%	0	.0%	0	.0%	1	25.0%	4	100.0%
Knowledge of classical mechanics	0	.0%	2	50.0%	1	25.0%	1	25.0%	4	100.0%
Knowledge of engineering electricity and magnetism	0	.0%	2	50.0%	0	.0%	2	50.0%	4	100.0%
Knowledge of space physics	1	25.0%	0	.0%	1	25.0%	2	50.0%	4	100.0%
Knowledge of quantum physics	0	.0%	0	.0%	2	50.0%	2	50.0%	4	100.0%
Knowledge of space systems engineering and design	3	75.0%	0	.0%	0	.0%	1	25.0%	4	100.0%
Knowledge of electro-optical engineering	1	25.0%	0	.0%	2	50.0%	1	25.0%	4	100.0%
Knowledge of microcomputers and electronic instrumentation	2	50.0%	1	25.0%	1	25.0%	0	.0%	4	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

**Program-specific Skills: Rate ERAU's preparation
BS Engineering Physics Daytona Beach
Academic Years 2009-2010 and 2010-2011**

	Very High Preparation		High Preparation		Moderate Preparation		Little Preparation		Total	
	#	%	#	%	#	%	#	%	#	%
Apply knowledge of mathematics, science, and engineering	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Design and conduct experiments	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Analyze and interpret data	2	50.0%	1	25.0%	1	25.0%	0	.0%	4	100.0%
Design a system, component, or process to meet desired needs	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Function on multi-disciplinary teams	1	25.0%	1	25.0%	1	25.0%	1	25.0%	4	100.0%
Identify, formulate, and solve engineering problems	1	25.0%	3	75.0%	0	.0%	0	.0%	4	100.0%
Understand professional and ethical responsibility	2	50.0%	0	.0%	1	25.0%	1	25.0%	4	100.0%
Communicate effectively	1	25.0%	2	50.0%	1	25.0%	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%	0	.0%	1	25.0%	1	25.0%	4	100.0%
Knowledge of contemporary issues	2	50.0%	0	.0%	1	25.0%	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	1	25.0%	1	25.0%	2	50.0%	0	.0%	4	100.0%
Knowledge of space physics	1	25.0%	2	50.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of quantum physics	1	25.0%	2	50.0%	0	.0%	1	25.0%	4	100.0%
Knowledge of space systems engineering and design	2	50.0%	2	50.0%	0	.0%	0	.0%	4	100.0%
Knowledge of electro-optical engineering	2	50.0%	1	25.0%	1	25.0%	0	.0%	4	100.0%
Knowledge of microcomputers and electronic instrumentation	2	50.0%	1	25.0%	0	.0%	1	25.0%	4	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

BS Communication DB

Program-specific Skills: Rate usefulness to current job or goal BS Communication Daytona Beach Academic Years 2009-2010 and 2010-2011						
	Very Useful		Useful		Total	
	#	%	#	%	#	%
Develop effective news and information gathering skills using interviews, print documents and Internet materials.	3	100.0%	0	.0%	3	100.0%
Develop professional writing skills directed at general and specific audiences.	3	100.0%	0	.0%	3	100.0%
Develop effective speaking skills appropriate for both small group discussions and large audience presentations.	3	100.0%	0	.0%	3	100.0%
Develop teamwork communication skills appropriate to group projects.	3	100.0%	0	.0%	3	100.0%
Develop digital skills for delivery of visual designs as well as Internet presentations.	2	66.7%	1	33.3%	3	100.0%
Understand the development, principles and goals of mass communication media, with emphasis on twenty-first century media.	3	100.0%	0	.0%	3	100.0%
Understand specific legal and ethical environments unique to mass media communication.	1	33.3%	2	66.7%	3	100.0%
Garner knowledge and skills from a minor that enhanced those developed in the major.	2	66.7%	1	33.3%	3	100.0%
Complete an internship that enhanced knowledge and skills gained in the classroom.	2	66.7%	1	33.3%	3	100.0%
Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/1						

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

Program-specific Skills: Rate ERAU's preparation
BS Communication Daytona Beach
Academic Years 2009-2010 and 2010-2011

	Very High Preparation		High Preparation		Moderate Preparation		Little Preparation		Total	
	#	%	#	%	#	%	#	%	#	%
Develop effective news and information gathering skills using interviews, print documents and Internet materials.	2	66.7%	1	33.3%	0	.0%	0	.0%	3	100.0%
Develop professional writing skills directed at general and specific audiences.	2	66.7%	1	33.3%	0	.0%	0	.0%	3	100.0%
Develop effective speaking skills appropriate for both small group discussions and large audience presentations.	2	66.7%	1	33.3%	0	.0%	0	.0%	3	100.0%
Develop teamwork communication skills appropriate to group projects.	1	33.3%	1	33.3%	0	.0%	1	33.3%	3	100.0%
Develop digital skills for delivery of visual designs as well as Internet presentations.	1	33.3%	1	33.3%	1	33.3%	0	.0%	3	100.0%
Understand the development, principles and goals of mass communication media, with emphasis on twenty-first century media.	3	100.0%	0	.0%	0	.0%	0	.0%	3	100.0%
Understand specific legal and ethical environments unique to mass media communication.	0	.0%	2	100.0%	0	.0%	0	.0%	2	100.0%
Garner knowledge and skills from a minor that enhanced those developed in the major.	3	100.0%	0	.0%	0	.0%	0	.0%	3	100.0%
Complete an internship that enhanced knowledge and skills gained in the classroom.	3	100.0%	0	.0%	0	.0%	0	.0%	3	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

BS Business Administration DB

Program-specific Skills: Rate usefulness to current job or goal BS Business Administration Daytona Beach Academic Years 2009-2010 and 2010-2011										
	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Applying management theory/concepts into a dynamic organizational environment	4	57.1%	2	28.6%	1	14.3%	0	.0%	7	100.0%
Applying accounting and financial information for decision making in a for-profit and not-for-profit entity	3	42.9%	2	28.6%	1	14.3%	1	14.3%	7	100.0%
Integrate knowledge of macro- and micro-economics into managerial decision making	3	42.9%	1	14.3%	2	28.6%	1	14.3%	7	100.0%
Applying statistical and/or quantitative techniques to problem solving in organizations	4	57.1%	1	14.3%	2	28.6%	0	.0%	7	100.0%
Integrate marketing concepts/practices into executing global market strategies	2	28.6%	1	14.3%	1	14.3%	3	42.9%	7	100.0%
Formulate business decisions by incorporating ethical standards and principles	3	42.9%	3	42.9%	1	14.3%	0	.0%	7	100.0%
Access, analyze, and communicate information using multiple means/media	4	57.1%	2	28.6%	1	14.3%	0	.0%	7	100.0%
Understands the nature of business ethics and the role of social responsibility	4	57.1%	1	14.3%	1	14.3%	1	14.3%	7	100.0%
Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.										

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

**Program-specific Skills: Rate ERAU's preparation
BS Business Administration Daytona Beach
Academic Years 2009-2010 and 2010-2011**

	Very High Preparation		High Preparation		Moderate Preparation		Little Preparation		Total	
	#	%	#	%	#	%	#	%	#	%
Applying management theory/concepts into a dynamic organizational environment	1	14.3%	5	71.4%	1	14.3%	0	.0%	7	100.0%
Applying accounting and financial information for decision making in a for-profit and not-for-profit entity	2	28.6%	4	57.1%	0	.0%	1	14.3%	7	100.0%
Integrate knowledge of macro- and micro-economics into managerial decision making	2	28.6%	3	42.9%	2	28.6%	0	.0%	7	100.0%
Applying statistical and/or quantitative techniques to problem solving in organizations	1	14.3%	2	28.6%	3	42.9%	1	14.3%	7	100.0%
Integrate marketing concepts/practices into executing global market strategies	1	14.3%	4	57.1%	1	14.3%	1	14.3%	7	100.0%
Formulate business decisions by incorporating ethical standards and principles	2	28.6%	4	57.1%	1	14.3%	0	.0%	7	100.0%
Access, analyze, and communicate information using multiple means/media	1	14.3%	3	42.9%	3	42.9%	0	.0%	7	100.0%
Understands the nature of business ethics and the role of social responsibility	4	57.1%	2	28.6%	1	14.3%	0	.0%	7	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

M/MS Aerospace Engineering DB

**Program-specific Skills: Rate usefulness to current job or goal
M/MS Aerospace Engineering Daytona Beach
Academic Years 2009-2010 and 2010-2011**

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Ability to analyze and solve engineering problems	2	40.0%	1	20.0%	1	20.0%	1	20.0%	5	100.0%
In one or more of the following subject areas: aerodynamics, aerospace materials, computational methods, controls, propulsion and structures	2	40.0%	1	20.0%	1	20.0%	1	20.0%	5	100.0%
Preparation for a career in the aerospace industry	3	60.0%	1	20.0%	0	.0%	1	20.0%	5	100.0%
Preparation for further study	2	40.0%	0	.0%	1	20.0%	2	40.0%	5	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

**Program-specific Skills: Rate ERAU's preparation
M/MS Aerospace Engineering Daytona Beach
Academic Years 2009-2010 and 2010-2011**

	Very High Preparation		High Preparation		Moderate Preparation		Little Preparation		Total	
	#	%	#	%	#	%	#	%	#	%
Ability to analyze and solve engineering problems	4	66.7%	2	33.3%	0	.0%	0	.0%	6	100.0%
In one or more of the following subject areas: aerodynamics, aerospace materials, computational methods, controls, propulsion and structures	2	33.3%	4	66.7%	0	.0%	0	.0%	6	100.0%
Preparation for a career in the aerospace industry	2	33.3%	1	16.7%	1	16.7%	2	33.3%	6	100.0%
Preparation for further study	3	50.0%	1	16.7%	0	.0%	2	33.3%	6	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

BS Space Physics PC

**Program-specific Skills: Rate usefulness to current job or goal
BS Space Physics Prescott
Academic Years 2009-2010 and 2010-2011**

	Very Useful		Useful		Not Very Useful		Not At All Useful		Total	
	#	%	#	%	#	%	#	%	#	%
Apply knowledge of mathematics and science	4	80.0%	0	.0%	0	.0%	1	20.0%	5	100.0%
Design and conduct experiments	2	40.0%	2	40.0%	0	.0%	1	20.0%	5	100.0%
Analyze and interpret data	2	40.0%	3	60.0%	0	.0%	0	.0%	5	100.0%
Identify, formulate, and solve scientific problems	3	60.0%	1	20.0%	0	.0%	1	20.0%	5	100.0%
Understand professional and ethical responsibility	2	40.0%	1	20.0%	1	20.0%	1	20.0%	5	100.0%
Communicate effectively	1	20.0%	4	80.0%	0	.0%	0	.0%	5	100.0%
Recognize and engage in lifelong learning	2	40.0%	3	60.0%	0	.0%	0	.0%	5	100.0%
Knowledge of contemporary issues	1	20.0%	1	20.0%	2	40.0%	1	20.0%	5	100.0%
Knowledge of classical mechanics	2	40.0%	2	40.0%	0	.0%	1	20.0%	5	100.0%
Knowledge of electricity and magnetism	1	20.0%	3	60.0%	0	.0%	1	20.0%	5	100.0%
Knowledge of space physics	3	60.0%	1	20.0%	0	.0%	1	20.0%	5	100.0%
Knowledge of quantum mechanics	1	20.0%	1	20.0%	2	40.0%	1	20.0%	5	100.0%
Knowledge of planetary science	0	.0%	1	20.0%	3	60.0%	1	20.0%	5	100.0%
Knowledge of astrophysics	0	.0%	1	20.0%	3	60.0%	1	20.0%	5	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.

Alumni Survey, Classes of 2010 and 2011
First Year after Graduation
Daytona Beach and Prescott

**Program-specific Skills: Rate ERAU's preparation
BS Space Physics Prescott
Academic Years 2009-2010 and 2010-2011**

	Very High Preparation		High Preparation		Moderate Preparation		Little Preparation		Total	
	#	%	#	%	#	%	#	%	#	%
Apply knowledge of mathematics and science	3	60.0%	1	20.0%	0	.0%	1	20.0%	5	100.0%
Design and conduct experiments	4	80.0%	0	.0%	0	.0%	1	20.0%	5	100.0%
Analyze and interpret data	3	60.0%	1	20.0%	0	.0%	1	20.0%	5	100.0%
Identify, formulate, and solve scientific problems	4	80.0%	0	.0%	1	20.0%	0	.0%	5	100.0%
Understand professional and ethical responsibility	2	40.0%	1	20.0%	2	40.0%	0	.0%	5	100.0%
Communicate effectively	0	.0%	4	80.0%	1	20.0%	0	.0%	5	100.0%
Recognize and engage in lifelong learning	2	40.0%	2	40.0%	1	20.0%	0	.0%	5	100.0%
Knowledge of contemporary issues	0	.0%	4	80.0%	1	20.0%	0	.0%	5	100.0%
Knowledge of classical mechanics	3	60.0%	0	.0%	1	20.0%	1	20.0%	5	100.0%
Knowledge of electricity and magnetism	2	40.0%	2	40.0%	0	.0%	1	20.0%	5	100.0%
Knowledge of space physics	4	80.0%	0	.0%	0	.0%	1	20.0%	5	100.0%
Knowledge of quantum mechanics	4	80.0%	0	.0%	0	.0%	1	20.0%	5	100.0%
Knowledge of planetary science	2	40.0%	2	40.0%	0	.0%	1	20.0%	5	100.0%
Knowledge of astrophysics	3	60.0%	1	20.0%	1	20.0%	0	.0%	5	100.0%

Source: Alumni Survey, 2010 and 2011 Graduates (1 year after graduation). Institutional Research, 05/13.