

**EMBRY-RIDDLE**  
Aeronautical University  
Spring 2014 Graduating Student Survey  
Daytona Beach Campus

**Directions:** Be sure to read all options before selecting an answer. All responses are confidential. When you are finished with the entire survey, click the "SUBMIT" button at the bottom of the form. If you make a mistake or wish to start over, click the "RESET" button also at the bottom of the form.

**Note:** It is important to let your responses navigate you through the survey and not use the "back" or "forward" buttons of your browser. Required questions are marked with an asterisk (\*).

What is your preferred email address?

**First Major/Degree\***

*(If you are a dual major or degree there will be an opportunity to evaluate your additional degree program later on in this survey)*

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**Do you belong to or plan to join any professional societies or organizations?**

- Yes, one or more related to my ERAU degree
- Yes, none related to my ERAU degree
- No

**Do you have any FAA certificates or licenses?**

- Yes
- No

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If yes, indicate when you obtained them, in relation to your enrollment at ERAU.

	Before ERAU	During ERAU	Plan on Obtaining	N/A
A&P	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Private Pilot	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Commercial Pilot	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ATP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CFI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CFII	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BGI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AGI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
IGI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ME Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instrument Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Type Rating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Did you have to borrow money (money that must be repaid) to graduate from ERAU?

- Yes
- No

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If yes, approximately how much? (USD)

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Did you have an Academic Advisor for your program?

- Yes
- No

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Overall how would you rate your advisor in the following areas?

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
My advisor spent sufficient time with me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My advisor was accessible when I needed help	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My advisor reviewed my academic record prior to giving advice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My advisor understood my program requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My advisor understood my graduation requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My advisor is someone I would recommend to others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My advisor was useful throughout my academic career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The advice of my advisor was useful in my search for employment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The advice of my advisor was useful in my search for graduate school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I foresee maintaining communications with my advisor after graduation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Has it taken you MORE THAN 4 years to complete your degree requirements at ERAU?

- Yes
- No

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How many additional semesters beyond four years has it taken you to graduate?

1

2

3

4

5

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If yes, please indicate the reason(s) why: (select all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> I had to withdraw during a semester(s)                         | <input type="checkbox"/> I had family needs (e.g. caring for children, got married)                   |
| <input type="checkbox"/> I took a semester(s) off from school                           | <input type="checkbox"/> I took a reduced course load to improve my grade point average               |
| <input type="checkbox"/> I changed majors   | <input type="checkbox"/> I had to retake a course(s)  |
| <input type="checkbox"/> Work caused me to take a reduced course load                   | <input type="checkbox"/> I voluntarily took reduced loads to have time for non-college activities     |
| <input type="checkbox"/> Internship caused me to take a reduced course load             | <input type="checkbox"/> I voluntarily took reduced loads to have time for a student competition team |
| <input type="checkbox"/> Co-op caused me to take a reduced course load                  | <input type="checkbox"/> I voluntarily took reduced loads to have time for increased research         |
| <input type="checkbox"/> My degree program typically takes more than 4 years            | <input type="checkbox"/> I experienced academic problems  |
| <input type="checkbox"/> I am earning a double major                                    | <input type="checkbox"/> I was misinformed by advisor(s)  |
| <input type="checkbox"/> I am earning a minor   | <input type="checkbox"/> I didn't seek advisor's help   |
| <input type="checkbox"/> I am simultaneously doing course work toward a graduate degree | <input type="checkbox"/> I participated in intercollegiate athletics                                  |
| <input type="checkbox"/> My required courses were not offered when needed               | <input type="checkbox"/> I performed military service or ROTC   |
| <input type="checkbox"/> Tuition and other costs of attendance limited my enrollment    | <input type="checkbox"/> Unable to finish on time due to flight requirements                          |
| <input type="checkbox"/> I lost credits when I transferred to Embry-Riddle              | <input type="checkbox"/> Other <input type="text"/>   |
| <input type="checkbox"/> I experienced personal or family problems, including health    |   |

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Did you complete a Thesis as a part of your program?

- Yes
- No

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**During my Thesis:**

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I was able to conduct interdisciplinary research, employing primary and secondary sources, tied to at least two minors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I authored a thesis, adhering to professional standards of organization, syntax, and grammar, that presents findings of that interdisciplinary research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge and skills gained from completing a Senior Thesis helped me to determine my choice of job/career/graduate study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**My academic experience or co-curricular activity was helpful in preparation for employment. If you did not participate in a particular experience or activity, please mark 'not applicable'.**

	Not Applicable	Very Much	Quite a Bit	Some	Very Little	Not at All
Internship/Co-ops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research Experience for Undergraduates (REUs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On Campus research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Study Abroad/ Exchange programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student Employment (off campus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student Employment (on campus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community Service or volunteer work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SGA/Student Council	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fraternities/sororities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professional Organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Academic Competition Groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other on-campus clubs and organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mentoring/tutoring other students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RA/Resident Life programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intramural & Recreational Sports	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intercollegiate Athletics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Did you participate in the ROTC program?

- Yes
- No

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Evaluate the preparation you received at ERAU's ROTC program for:

	Excellent	Good	Average	Poor	Very Poor
Becoming a military officer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Being a manager/leader	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Did you complete a Co-op/Internship experience?

- Yes
- No

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During my Co-op/Internship experience:

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I garnered professional experience appropriate to intended career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I was called on to use skills, knowledge and techniques I had learned at ERAU	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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#### General Skills

Compared to your FIRST year at ERAU, how would you describe your current skills/knowledge?						To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?				
Much Stronger	Stronger	No Change	Weaker	Much Weaker		Very Much	Quite A Bit	Some	Very Little	Not at All
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Apply knowledge of college-level mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Construct effective written documents for technical and non-technical audiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Communicate ideas in non-written forms (oral and visual)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Conduct and report research in accordance with professional standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Recognize the importance of ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Identify some important results of scientific inquiry and use scientific information in critical thinking and decision-making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Use technology to communicate ideas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Apply economic principles to identify and solve problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Demonstrate an understanding of the values communicated through the humanities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Describe some of the historical and contemporary issues that affect societies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Recognize the complexity of human experience from a variety of perspectives	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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#### Overall University Experience

How strongly do you agree/disagree with the following statements:

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
If I could start over again, I would choose to attend ERAU	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If I could start over again, I would select the same ERAU campus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If asked by a prospective student, I would recommend ERAU for an education in my major	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If I could start over again, I would choose the same program/major	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel a sense of pride and loyalty toward ERAU	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Overall how would you rate [your First Major/Degree] at ERAU in the following areas?

	Excellent	Good	Average	Poor	Very Poor
Quality of instruction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of course content in your major field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Academic PREPARATION for your INTENDED career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation in becoming a manager/leader	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of interactions with faculty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of interactions with staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**What is your Area of Concentration (AOC)?\***

- MS Human Factors and Systems (Human Factors Engr)
- MS Human Factors and Systems (Systems Engr)

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#### BS Aeronautical Science

**Which track/specialization did you complete in Aeronautical Science?**

- Airline Pilot
- Commercial Pilot
- Military Pilot

**Are you flying professionally?**

- Yes
- No

**To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?**

	Very Much	Quite A Bit	Some	Very Little	Not At All
An ability to apply knowledge of mathematics, science, and applied sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function on multi-disciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively, including both written and verbal communication skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of the need for, and an ability to engage in, life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A knowledge of contemporary issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to use the techniques, skills, and modern technology necessary for professional practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of the national and international aviation environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to apply pertinent knowledge in identifying and solving problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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#### BS Aeronautics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Knowledge and understanding of aviation law and the regulatory process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and application of management theory/concepts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge and understanding of economic principles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use of statistical/quantitative techniques to solve problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge and understanding of the many facets of the aviation industry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dealing with integrity issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Development of moral character	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Assertiveness in a leadership or subordinate role	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of scientific principles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Distinguish themselves as valuable employees in the varied employment areas available	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify the influence and importance of the history of aviation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Illustrate their preparedness in technical writing skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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#### BS Aerospace Electronics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Knowledge of math and physical science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to communicate effectively, including both written and verbal communication skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to function in teams.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conduct experiments and interpret experimental data.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of circuits, electronics and instrumentation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify and solve electrical and electronic circuit problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use computer aided circuit analysis tools. Knowledge of contemporary issues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand professional and ethical responsibility.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of, and the ability to engage in, lifelong learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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#### BS Aerospace Engineering

Which track/specialization did you complete in Aerospace Engineering?

- Propulsion
- Aeronautics
- Astronautics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Engineering responsibilities and methodology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professional activity and development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical communication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
General education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Basic science and mathematics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering mechanics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aerodynamics and aeronautics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thermal sciences and propulsion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Structures and materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Astronautics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratories and data interpretation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Support hardware and software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Air Traffic Management

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Understanding the history, mission, purpose and duty priority of air traffic control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding the principles of flight and the pilot's environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of basic communications and air traffic control phraseology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of VFR Sectional Charts, VFR Terminal Charts, IFR Enroute Low Altitude Charts, IFR Enroute High Altitude Charts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of basic weather fundamentals, weather systems, and hazardous weather	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge and ability to interpret meteorological reports: METARs, Terminal Area Forecasts, AIRMETs, SIGMETs, and PIREPs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of air traffic control strip marking: enroute and terminal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of Radar separation procedures, airspace to be protected speed adjustments, vectoring techniques and traffic coordination applicable to Air traffic Control operations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of Air Route Traffic Control Center operations as they pertain to non-radar separation of aircraft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Applied Meteorology

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Ability to apply knowledge of meteorology, math, and the sciences in general to projects, services and assignments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge and ability to utilize techniques, skills, and computer resources for weather data gathering, analysis, interpretation, and product generation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to function in teams.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to express complex weather concepts in terms that others can understand using both written and verbal communication methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of the need for, and an ability to engage in, life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A knowledge of contemporary meteorological problems, issues, and programs for both research and user applications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to use techniques, skills, and modern technology for meteorological professional practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of the national and international aviation environment which relate to weather	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to apply pertinent meteorological knowledge in identifying and solving problems for both yourself and for customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**EMBRY-RIDDLE**  
**Aeronautical University**  
**Spring 2014 Graduating Student Survey**  
**Daytona Beach Campus**

**BS Aviation Maintenance Science**

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
An ability to apply knowledge of mathematics, science, and applied sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function on multi-disciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively, including both written and verbal communication skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of the need for, and an ability to engage in, life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A knowledge of contemporary issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to use the techniques, skills, and modern technology necessary for professional practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of the national and international aviation environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to apply pertinent knowledge in identifying and solving problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Business Administration / Aviation Business Administration

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Applying management theory/concepts into a dynamic organizational environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applying accounting and financial information for decision making in a for-profit and not-for-profit entity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrate knowledge of macro- and micro-economics into managerial decision making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applying statistical and/or quantitative techniques to problem solving in organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrate marketing concepts/practices into executing global market strategies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formulate business decisions by incorporating ethical standards and principles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access, analyze, and communicate information using multiple means/media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understands the nature of business ethics and the role of social responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Civil Engineering

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
An ability to apply knowledge of mathematics, science, and engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design and conduct experiments, as well as analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design and realize a civil engineering system, component or process to meet desires/needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function on multi-disciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to identify, formulate, and solve engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of the impact of engineering solutions in a global and societal context	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of, and an ability to engage in, life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A knowledge of contemporary issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Communication

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Develop effective news and information gathering skills using interviews, print documents and Internet materials.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop professional writing skills directed at general and specific audiences.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop effective speaking skills appropriate for both small group discussions and large audience presentations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop teamwork communication skills appropriate to group projects.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop digital skills for delivery of visual designs as well as Internet presentations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the development, principles and goals of mass communication media, with emphasis on twenty-first century media.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand specific legal and ethical environments unique to mass media communication.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Garner knowledge and skills from a minor that enhanced those developed in the major.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Complete an internship that enhanced knowledge and skills gained in the classroom.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Computational Mathematics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Apply knowledge of mathematics to an area of application	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Write a mathematical proof	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Model physical phenomena using differential equations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use mathematical packages and software to solve scientific problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the impact of mathematics in developing technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Function on a multi-disciplinary team	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Orally communicate mathematical ideas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use numerical techniques to solve applied problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Write computer code to implement a given mathematical algorithm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Computer Engineering

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
An ability to apply knowledge of mathematics, science, and engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design and conduct experiments, as well as to analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function on multi-disciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to identify, formulate, and solve engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of the impact of engineering solutions in a global and societal context	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of the need for, and an ability to engage in life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of contemporary issues in computer engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to use the techniques, skills, and modern engineering tools necessary to engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of real-time embedded computer systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Electrical Engineering

Which track/specialization did you complete in Electrical Engineering?

- Aerospace Systems
- Avionics
- None

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
An ability to apply knowledge of mathematics, science, and engineering.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design and conduct experiments, as well as analyze and interpret data.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic., environment, social, political, ethical, health and safety, manufacturability, and sustainability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function on multi-disciplinary teams.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to identify, formulate, and solve engineering problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The broad education necessary to understand the impact of engineering solutions in a global and societal context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of the need for, and an ability to engage in life-long learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of contemporary issues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Engineering Physics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Apply knowledge of mathematics, science, and engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design and conduct experiments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design a system, component, or process to meet desired needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Function on multi-disciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify, formulate, and solve engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicate effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the impact of engineering solutions in a global and societal context	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize and engage in life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of contemporary issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of classical mechanics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of engineering electricity and magnetism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of space physics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of quantum physics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of space systems engineering and design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of electro-optical engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of microcomputers and electronic instrumentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Human Factors Psychology

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Knowledge of human psycho physiological, cognitive, and perceptual functioning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of human factors involving analytic methods, models, and human capabilities and limitations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of basic statistical procedures, including analysis of variance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research methods and design skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effective oral and written communication skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to read, comprehend, and analyze results of published empirical studies in the human factors field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of the application of human factors and psychological knowledge in aviation and other applied domains	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Aerospace Studies/Interdisciplinary Studies

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Understand basic concepts in several areas of study, such as aeronautical science, business administration, and social sciences.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the complex history and culture of one or more world regions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop vocabulary and writing skills that apply to specific communication contexts.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Appreciate and understand the complexity and magnitude of human production in literature, the visual arts, architecture, religion, and myth.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop skills in analytical interpretations of works in the humanities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Appreciate and understand human moral, religious, or philosophical thinking and belief systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Garner skills and knowledge from intersecting minors to form a coherent body of knowledge.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Homeland Security

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Capability for students to work collaboratively and effectively on teams.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Capability to deliver professional presentations and briefs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate the ability to recognize transnational and global homeland security or defense issues, strategies and operations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate the ability to design, conduct and evaluate exercises applicable to the disciplines of homeland security or defense.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate knowledge of contemporary or emergent threats, challenges or issues including natural, manmade and technological hazards.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate the ability to identify, describe and critically evaluate applicable homeland security or defense technologies.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate an understanding of terrorism, its origins, ideologies and goals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate an understanding of infrastructures critical to the US and how best to protect them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provide the ability for students to understand and apply risk management tools to homeland security issues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate the ability to analyze environmental sources that destabilize regions and to characterize their relationship to US national security.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Mechanical Engineering

**Which track/specialization did you complete in Mechanical Engineering?**

- High Performance Vehicles (HPV)
- Robotic Systems (RS)
- Clean Energy Systems (CES)

**To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?**

	Very Much	Quite A Bit	Some	Very Little	Not At All
An ability to apply knowledge of mathematics, science, and engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design and conduct experiments, as well as analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design and realize a thermal or mechanical system, component or process to meet desires needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function on multi-disciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to identify, formulate, and solve engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of the impact of engineering solutions in a global and societal context	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of, and an ability to engage in, life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A knowledge of contemporary issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Software Engineering

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
An ability to apply knowledge of mathematics, science, and engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design and conduct experiments, and an ability to analyze the data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to function on multi-disciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to identify, formulate, and solve engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to communicate effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of the impact of engineering solutions in a global and societal context	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A recognition of the need for, and an ability to engage in life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of contemporary issues in software engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An ability to use the techniques, skills, and modern engineering tools necessary to engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An understanding of real-time embedded computer systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### BS Space Physics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Apply knowledge of mathematics and science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design and conduct experiments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze and interpret data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify, formulate, and solve scientific problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand professional and ethical responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicate effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize and engage in life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of contemporary issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of classical mechanics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of electricity and magnetism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of space physics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of quantum mechanics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of planetary science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of astrophysics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Aeronautics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Not Applicable	Very Much	Quite A Bit	Some	Very Little	Not At All
Work collaboratively as a team with individual accountability and team building skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate problem-solving skills using scientific research methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate graduate level writing ability using APA format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate the ability to evaluate current industry issues or problems using critical thinking skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate the use of technology appropriate to industry requirements.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply an ethical and professional framework to decision making.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrate professional communication and oral presentation skills using appropriate media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which of the following specialization(s) did you complete?

- Air Traffic Management
- Education Technology
- Management
- Meteorology
- Operations
- Professional Pilot
- Safety

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Aeronautics - Education Technology

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Not Applicable	Very Much	Quite A Bit	Some	Very Little	Not At All
Role of education in the aviation/aerospace industry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Value of simulation in aviation training programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Application of both existing and emerging information technology (computers, software, web-based tools, etc.) to improve learning outcomes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Similarities and differences between pedagogy and andragogy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Uniqueness and commonalities of the adult learning process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Aeronautics - Management

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Not Applicable	Very Much	Quite A Bit	Some	Very Little	Not At All
Production and procurement management in manufacturing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Supply and distribution functions in the logistics system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strategic planning and strategic management concepts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interaction of maintenance with operations, logistics, and training functions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Customer/vendor relationships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Market trend analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Project management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Aeronautics - Meteorology

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Not Applicable	Very Much	Quite A Bit	Some	Very Little	Not At All
The use of advanced aviation meteorological products in the air transportation system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify existing shortfalls of current aviation meteorological products and ways to improve them*	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developing new methods and technologies for building aviation meteorological products*	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How weather information will be integrated into NextGen systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Aeronautics - Operations

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Not Applicable	Very Much	Quite A Bit	Some	Very Little	Not At All
Air transportation as part of the global, multi-modal system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Management and operations related to air carriers and corporate aviation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Production and workload planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Logistics and supply chain management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Labor relations and skilled trades supervision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Program/project management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Airport planning and simulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Aeronautics - Professional Pilot

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Not Applicable	Very Much	Quite A Bit	Some	Very Little	Not At All
Qualification and preparation for work as a functioning commercial crewmember	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effective crew resource management and flight crew techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Jet transport aerodynamics and aircraft performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Air carrier, corporate, and other commercial aviation operations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Aeronautics - Safety

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Not Applicable	Very Much	Quite A Bit	Some	Very Little	Not At All
Human factors problems and analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safety management systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of aviation safety reporting systems and safety data sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Airport operations safety and security	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roles and responsibilities of FAA, NTSB, and military in accident investigation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Crash site investigation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### M Business Administration

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Apply key organizational concepts of group dynamics, leadership, conflict resolution, ethics and motivation in implementing organizational goals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply the concepts and strategies involved in planning, implementing and controlling, a marketing plan with special emphasis on aviation/aerospace organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze financial statements and utilize corporate finance concepts and techniques in decision making within organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access, analyze, and communicate information using multiple means/media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply statistical and quantitative analysis to solve business problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrate knowledge of macro- and micro-economic concepts to support aviation/aerospace operations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formulate and execute strategies and policies required to achieve organizational goals in the competitive environment of airlines, airports, aerospace, manufacturing, and government	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Engineering Physics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Ability to identify, formulate and solve space science and engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and ability to apply advanced numerical methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and ability to apply advanced space physics concepts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and ability to apply experimental methods in space science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of advanced spacecraft dynamics and control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of spacecraft power and thermal design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Human Factors and Systems (Human Factors Engr)

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Ability to identify human factors problems in operational environments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of general systems concepts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to apply the knowledge of human perception, cognition, and memory to operational and design problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and ability to apply statistical and quantitative techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and ability to apply the strategies involved in planning, implementing, and controlling a research plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Human Factors and Systems (Systems Engr)

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Knowledge of general systems concepts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to apply the knowledge of reliability, maintainability, logistics, safety, and producibility to operational and design problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to identify human factors problems in operational environments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to balance operational, behavioral, economic, and logistical factors in operations and design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and ability to apply statistical and quantitative techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding and ability to apply the strategies involved in planning, implementing, and controlling a research plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### M Aerospace Engineering/MS Aerospace Engineering

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Ability to analyze and solve engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In one or more of the following subject areas: aerodynamics, aerospace materials, computational methods, controls, propulsion and structures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation for a career in the aerospace industry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation for further study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### MS Electrical/Computer Engineering

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Ability to apply fundamental computer engineering and electrical engineering professional practices to analysis, design, and implementation of electrical and/or computer systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to apply knowledge of advanced topics in electrical engineering or computer engineering, as appropriate to chosen concentration.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to communicate effectively and to perform successfully as part of a team.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to complete and document either a master's capstone project or a master's thesis, as appropriate to choice of the professional or research option	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### M Software Engineering

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Ability to apply software engineering processes appropriate to the analysis or development of highly reliable software systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to use software engineering methods, techniques, and tools as they relate to the following areas: analysis and specification of requirements, architecture, design, construction, and verification and validation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to communicate effectively and to perform successfully as part of a team.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to use software engineering methods, techniques, and tools as they relate to the management of software development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey

#### Daytona Beach Campus

#### PhD Engineering Physics

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Identify, formulate and solve space science and spacecraft engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop and apply expertise in advanced spacecraft engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop a mastery of scientific and engineering research techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extend the knowledge base by producing and communicating original research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Do you have a second major/degree?

- Yes
- No

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**Program Experience**

Second Major/Degree

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Overall how would you rate [Second Major/ Degree] at ERAU in the following areas?

	Excellent	Good	Average	Poor	Very Poor
Quality of instruction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of course content in your major field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Academic PREPARATION for your INTENDED career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation in becoming a manager/leader	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of interactions with faculty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of interactions with staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Did you have a minor?

- Yes
- No

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey

### Daytona Beach Campus

#### What was your minor?

- Air Traffic Control
- Astronomy
- Aviation Safety
- Business Administration
- Communication
- Computer Science
- Flight
- Humanities
- International Relations
- Physics
- Space Studies
- Other (Please specify)

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### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### Minor in Air Traffic Control

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Understanding the history, mission, purpose and duty priority of air traffic control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of Radar separation procedures, airspace to be protected, speed adjustments, vectoring techniques and traffic coordination applicable to Air Traffic Control operations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Aeronautical University  
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**Minor in Astronomy**

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Knowledge of astronomy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enhanced understanding of major, and its place in society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop general technical skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased wonder and awe of the universe	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### Minor in Business Administration

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Applying management theory/concepts into a dynamic organizational environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applying accounting and financial information for decision making in a for-profit and not-for-profit entity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrate knowledge of macro- and micro-economics into managerial decision making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applying statistical and/or quantitative techniques to problem solving in organizations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrate marketing concepts/practices into executing global market strategies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formulate business decisions by incorporating ethical standards and principles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access, analyze, and communicate information using multiple means/media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understands the nature of business ethics and the role of social responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**Minor in Communication**

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Develop effective news and information gathering skills using interviews, print documents and Internet materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop professional-quality writing skills directed at general and specific audiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop vocabulary and writing skills that apply to particular communication contexts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop teamwork communication skills appropriate to group projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey

#### Daytona Beach Campus

#### Minor in Flight

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Understanding aerodynamic performance of aircraft powered by reciprocating and turbine engines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instrument flight skill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Multi-engine/high performance aircraft operations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of Federal Aviation Regulations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ground/Flight training aptitude	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# EMBRY-RIDDLE

## Aeronautical University

### Spring 2014 Graduating Student Survey Daytona Beach Campus

#### Minor in Humanities

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Develop a broad knowledge of and appreciation for the complexity and magnitude of human productions in literature, the visual arts, architecture, religion, and myth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop the ability to analyze and interpret works in the humanities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop an understanding of the relationship between humans and nature and the human and divine, as relayed in cultural texts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop knowledge of and appreciation for aesthetics and moral values across cultures and historical periods,	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop an understanding of the complexities of ethical decision-making, and to express your own responses to other thinkers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop the ability to imagine situations from someone else's point of view, and to understand different notions of a life well-lived	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**Minor in International Relations**

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Understand the impact and role of globalization in world politics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop a knowledge and understanding of the history and culture of one or more world regions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the complex interactions between the United States and one or more world regions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop critical thinking and information gathering skills to conduct research into history and international relations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**EMBRY-RIDDLE**  
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**Minor in Physics**

To what extent has your experience at ERAU contributed to your development of the following skills or knowledge?

	Very Much	Quite A Bit	Some	Very Little	Not At All
Knowledge of fundamental physics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze and evaluate scientific claims in the popular media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of strengths and limitations of mathematical analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop critical thinking skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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What do we need to do to make the degree more beneficial in a job search?

What courses, projects, or experiences in your degree program have been the most valuable to you?

What weaknesses do you see in your degree program?

Additional comments about your time at ERAU or needs as an alumnus:

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**EMBRY-RIDDLE**

Aeronautical University

**Spring 2014 Graduating Student Survey  
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Thank you for taking the time to complete this survey! Your responses are valuable in the assessment and improvement of our degree programs, and contribute to the future academic performance of the University. If you would like to view past survey reports and results, feel free to explore our website at <http://irweb.erau.edu>

If you have any questions or concerns regarding the survey or your data, please contact [instrsch@erau.edu](mailto:instrsch@erau.edu) or 386-226-6225. Again, thank you for your time and responses, we really appreciate it!

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