

EMBRY-RIDDLE

Aeronautical University

Class of 2012 GRADUATING STUDENT SURVEY DAYTONA BEACH CAMPUS

Directions: Consider the degree you are receiving from ERAU in 2012 when completing this survey. 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.

What is your preferred email address?

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"/> |
| 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"/> |

ERAU'S COLLEGE EXPERIENCE

For each academic experience or co-curricular activity listed below, provide a response to each of the following statements:

[illegible]

| | b) 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 checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Research Experience for Undergraduates (REUs) | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| On Campus research | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Study Abroad/ Exchange programs | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Student Employment (off campus) | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Student Employment (on campus) | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Community Service or volunteer work | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| SGA/Student Council | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Fraternalities/sororities | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| On-campus clubs and organizations | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Mentoring/tutoring other students | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| RA/Resident Life programs | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Intramural & Recreational Sports | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Intercollegiate Athletics | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Which of the following ways do you plan to use to keep in touch with ERAU?

Yes No

Read *The Leader*

☐☐

Read *EagleNEWS* monthly newsletter

☐☐

Contact ERAU Career Center

☐☐

Contact ERAU faculty/academic department

☐☐

Read the *Avion/Horizons* student newspaper

☐☐

Contact other ERAU graduates

☐☐

Visit ERAU Website

☐☐

Contact the EaglesNest Online Alumni Community

☐☐

Read aviation publications

☐☐

Contact alumni groups at your locality

☐☐

Attend Homecoming

☐☐

Read *LIFT*

☐☐

Visits to campus

☐☐

Other

☐☐

If other,
please
specify:

Do you belong to or plan to join any professional societies or organizations? (choose one)

☐

Yes, one or more related to my ERAU degree

☐

Yes, none related to me ERAU degree

☐

No

Do you have any FAA certificates or licenses?

☐

Yes

☐

No

| If yes, indicate when you obtained them, in relation to your enrollment at ERAU. | | | |
|--|-----------------------|-----------------------|-----------------------|
| | Before ERAU | During ERAU | Plan on Obtaining |
| A&P | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Private Pilot | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Commercial Pilot | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| ATP | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| CFI | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| CFII | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| BGI | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| AGI | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| FE | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| IGI | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| ME Rating | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Instrument Rating | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Type Rating | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Other | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

EDUCATIONAL PLANS

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

☐ Yes

☐ No

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

☐ 1

☐ 2

☐ 3

☐ 4

☐ 5

☐ Other

If other, please specify:

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

- ☐ I had to withdraw during a semester(s)
- ☐ I took a semester(s) off from school
- ☐ I changed majors
- ☐ Work/co-op/Internship caused me to take a reduced course load
- ☐ My degree program typically takes more than 4 years
- ☐ I am earning a double major
- ☐ I am earning a minor
- ☐ My required courses were not offered when needed
- ☐ Tuition and other costs of attendance limited my enrollment
- ☐ I lost credits when I transferred schools
- ☐ I experienced personal or family problems, including health
- ☐ I had family needs, eg. caring for children, got married
- ☐ I took a reduced course load to concentrate on academic grades
- ☐ I voluntarily took reduced loads to have time for activities
- ☐ I experienced academic problems
- ☐ I was misinformed by advisor(s)
- ☐ I failed to seek advisor's help
- ☐ I participated in intercollegiate athletics
- ☐ I performed military service or ROTC
- ☐ Unable to finish on time due to flight requirements
- ☐ Other

*If other, please
specify:*

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

- ☐ Yes
☐ No

**If yes, approximately
how much?**

\$

Did you participate in the ROTC program?

- ☐ Yes
☐ No

Evaluate the preparation you received at ERAU for:

Excellent

Good

Average

Poor

Very Poor

Becoming a military officer

☐☐☐☐☐

Being a manager/leader

☐☐☐☐☐

Were you commissioned through ERAU's program

- ☐ Yes
☐ No

For each general skill listed below, rate the following:

| a) Compared to your FIRST year at ERAU, how would you describe your current skills/knowledge? | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| Much Stronger | Stronger | No Change | Weaker | Much Weaker |
| <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"/> |
| <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"/> |
| <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"/> |
| <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"/> |
| <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"/> |
| <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"/> |

| b) 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 college-level mathematics for defining and solving problems | <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"/> |
| Communicate ideas in non-written form, such as through oral presentations and visual media | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Conduct and report research accurately and in accordance with professional standards | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Recognize the importance of ethical responsibility both professionally and socially | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Identify some of the important results of scientific inquiry in the physical and natural sciences, 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"/> |
| Use technology to organize and manipulate information to communicate ideas and concepts | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Apply economic principles to identify, formulate, and solve problems | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Demonstrate an awareness and understanding of the values communicated through the humanities | <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"/> |
| Recognize the complexity of human experience from a variety of perspectives, for example, cultural, aesthetic, social, technological, scientific, psychological, philosophical, and historical | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

ERAU'S PROGRAM EXPERIENCE

Did you have an Academic Advisor for your program?

☐ Yes

☐ No

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"/> |

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

| | Strongly Agree | Agree | Disagree | Strongly Disagree |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| 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"/> |

Major

- ☐ BS Aeronautical Science
- ☐ BS Aeronautical Systems Maintenance
- ☐ BS Aeronautics
- ☐ BS Aerospace Electronics
- ☐ BS Aerospace Engineering
- ☐ BS Air Traffic Management
- ☐ BS Applied Meteorology
- ☐ BS Aviation Maintenance Science
- ☐ BS Aviation Management
- ☐ BS Business Admin
- ☐ BS Civil Engineering
- ☐ BS Communication
- ☐ BS Computational Mathematics
- ☐ BS Computer Engineering
- ☐ BS Computer Science
- ☐ BS Electrical Engineering
- ☐ BS Engineering Physics
- ☐ BS Homeland Security
- ☐ BS Human Factors Psychology
- ☐ BS Interdisciplinary Studies
- ☐ BS Mechanical Engineering
- ☐ BS Safety Science
- ☐ BS Software Engineering
- ☐ BS Space Physics
- ☐ MS Aeronautics
- ☐ M Aerospace Engineering
- ☐ M Business Admin
- ☐ M Electrical/Computer Engineering
- ☐ MS Engineering Physics
- ☐ MS Human Factors & Systems
- ☐ M Mechanical Engineering
- ☐ Multidisciplinary MS in Engineering
- ☐ M Software Engineering

Overall how would you rate your program at ERAU in the following areas?

Excellent

Good

Average

Poor

Very Poor

Quality of instruction



Quality of course content in your major field



Academic PREPARATION for your INTENDED career



Quality of interactions with faculty



Quality of interactions with staff



Do you have a second major?

- ☐ Yes
☐ No

Major

- | | |
|---|---|
| <input type="radio"/> BS Aeronautical Science | <input type="radio"/> BS Homeland Security |
| <input type="radio"/> BS Aeronautical Systems Maintenance | <input type="radio"/> BS Human Factors Psychology |
| <input type="radio"/> BS Aeronautics | <input type="radio"/> BS Interdisciplinary Studies |
| <input type="radio"/> BS Aerospace Electronics | <input type="radio"/> BS Mechanical Engineering |
| <input type="radio"/> BS Aerospace Engineering | <input type="radio"/> BS Safety Science |
| <input type="radio"/> BS Air Traffic Management | <input type="radio"/> BS Software Engineering |
| <input type="radio"/> BS Applied Meteorology | <input type="radio"/> BS Space Physics |
| <input type="radio"/> BS Aviation Maintenance Science | <input type="radio"/> MS Aeronautics |
| <input type="radio"/> BS Aviation Management | <input type="radio"/> MS Aerospace Engineering |
| <input type="radio"/> BS Business Admin | <input type="radio"/> M Business Admin |
| <input type="radio"/> BS Civil Engineering | <input type="radio"/> M Electrical/Computer Engineering |
| <input type="radio"/> BS Communication | <input type="radio"/> M Engineering Physics |
| <input type="radio"/> BS Computational Mathematics | <input type="radio"/> MS Human Factors & Systems |
| <input type="radio"/> BS Computer Engineering | <input type="radio"/> M Mechanical Engineering |
| <input type="radio"/> BS Computer Science | <input type="radio"/> Multidisciplinary MS in Engineering |
| <input type="radio"/> BS Electrical Engineering | <input type="radio"/> MS Software Engineering |
| <input type="radio"/> BS Engineering Physics | |

Overall how would you rate your second program at ERAU in the following areas?

Excellent

Good

Average

Poor

Very Poor

Quality of instruction



Quality of course content in your major field



Academic PREPARATION for your INTENDED career



Quality of interactions with faculty



Quality of interactions with staff



What is your Area of Concentration (AOC)? Select all that apply:

- ☐ MS Aeronautics (Av/Aero Ed Tech)
- ☐ MS Aeronautics (Av/Aero Mgmt)
- ☐ MS Aeronautics (Av/Aero Ops)
- ☐ MS Aeronautics (Av/Aero Safety Systems)
- ☐ MS Aeronautics (Air Traffic Management)
- ☐ MS Aeronautics (Aviation Meteorology)

What is your Area of Concentration (AOC)?

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

Did you complete a Senior Thesis?

☐ Yes

☐ No

During my Senior 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"/> |

Did you complete a Co-op experience?

☒ Yes

☐ No

During my Co-op experience:

I garnered professional experience appropriate to intended career

Strongly
Agree



Agree



Neutral



Disagree



Strongly
Disagree



BS Aeronautical 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"/> |

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"/> |

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"/> |

BS Aerospace 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 mathematics and physical science | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of fundamental engineering sciences | <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 experimental data | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of aerodynamics | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of aircraft performance | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of flight mechanics or spacecraft dynamics | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of aerospace materials | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of aircraft or spacecraft structures | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of propulsion | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of orbital mechanics | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of control systems | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Knowledge of circuits, electronics, or instrumentation | <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"/> |
| Use computer aided engineering and programming tools | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Design an aircraft or spacecraft system, component, or mission to meet desired needs | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Understand the impact of engineering decisions on society and the environment | <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"/> |
| Recognize the need to continue professional development throughout one's career | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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"/> |

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"/> |

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"/> |

BS Business Admin**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"/> |

BS Civil 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 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Application and understanding of transportation engineering | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Application and understanding of civil engineering materials and materials testing | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Application and understanding of geotechnical engineering | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Application and understanding of structural analysis and design | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Application and understanding of environmental engineering | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Application of civil engineering in the aviation and/or aerospace field | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 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 as well as 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 multidisciplinary 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, economic, environmental, and societal context | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Recognize of the need for and engage in life-long learning | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Understand contemporary issues in civil engineering | <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"/> |

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"/> |

BS Computer 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 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 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; 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 within realistic constraints (e.g., 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"/> |
| Function on multidisciplinary 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, economic, environmental, and societal context. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Recognize of the need for and engage in life-long learning. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Understand contemporary issues in computer engineering. | <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"/> |
| Understand real-time embedded computer systems. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

BS Computer 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 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Apply knowledge of computing and mathematics appropriate to the discipline. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Analyze a problem, and identify and define the computing requirements appropriate to its solution. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Function effectively on teams to accomplish a common goal. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Understand professional, ethical, legal, security and social issues and responsibilities. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Communicate effectively with a range of audiences. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Analyze the local and global impact of computing on individuals, organizations, and society. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Recognize the need for and engage in continuing professional development. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Use current techniques, skills, and tools necessary for computing practice. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Apply design and development principles in the construction of software systems of varying complexity | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

BS Electrical 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 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 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"/> |
| Design a system, component, or process to meet desired needs within realistic constraints (e.g., 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"/> |
| Function on multidisciplinary 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, economic, environmental, and societal context. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Recognize of the need for and engage in life-long learning. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Understand contemporary issues in software engineering. | <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"/> |

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"/> |

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 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Develop an ability to work collaboratively, and deliver professional presentations and briefs. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Demonstrate recognition of how strategy is formed and influenced and how strategic planning and communication supports national and homeland security. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 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"/> |
| 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"/> |
| Understand the nature, causes and forms of terrorism, from both a domestic and transnational perspective. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Identify the main components and actors in the US intelligence community and how intelligence supports homeland security objectives. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Understand 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"/> |
| 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"/> |
| Understand how environmental security integrates with US national security strategic planning and how it affects global security. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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"/> |

BS 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"/> |

BS Mechanical Engineering

How well do you believe the Mechanical Engineering Curriculum at Embry-Riddle prepared you in the following areas?

| | Very Well | Well | Modera tely Well | Not Very Well | Poorly |
|--|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|
| An ability to apply knowledge of mathematics (including multivariable calculus, differential equations, linear algebra, and statistics) science (including chemistry and in-depth calculus-based physics), 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 desired 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"/> |
| The broad education needed 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, 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"/> |
| An ability to analyze and design basic electric circuits | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

BS Safety 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 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Identify, evaluate and control health and safety hazards in the workplace | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Demonstrate competency in the principles of fire prevention, suppression, and life safety | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Demonstrate competency in the fundamentals of industrial hygiene and toxicology | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Apply systems safety analysis techniques to identify, prioritize, and control hazards in human-machine systems | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Demonstrate 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"/> |
| Deal with the threat of violence and other international harmful acts in the workplace | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Develop, test, and maintain an airport emergency plan, including Aircraft Rescue and Fire Fighting | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Develop an understanding of federal human resources statutes and legal torts and contracts as it relates to safety/risk management in aviation law | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Develop and maintain a comprehensive workplace safety program | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Demonstrate competency in applying OSHA and EPA regulations to the workplace | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Apply DOT regulations to the application of different classes of hazardous materials | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Discuss the federal regulations pertaining to aircraft operations, rulemaking and certification | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Evaluate an airport's compliance with federal regulations | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Explain the application of workers' compensation practices | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Initiate, develop, conduct and manage aircraft accident investigations in accordance with all the requirements of the NTSB FAA and other relevant regulatory bodies | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Apply SHELL and Reason's model to understanding accident causation and prevention | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Evaluate the role of human factors issues (fatigue, body rhythms, vision, etc.) as they relate to human performance and accident causation and prevention | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Apply principles of crash survival to the design and outfitting of aircraft | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Complete a "Crash Survival Analysis" rating for various fixed-wing rotor aircraft | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Demonstrate the ability to work in teams | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Write and formulate a technical report | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Possess professional presentation skills | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 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; 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 within realistic constraints (e.g., 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"/> |
| Function on multidisciplinary 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, economic, environmental, and societal context. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Recognize of the need for and engage in life-long learning. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Understand contemporary issues in software engineering. | <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"/> |
| Understand real-time embedded computer systems. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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"/> |

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 system | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Human factors problems and analysis | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Major steps in developing a research study | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Analysis of five major research methodologies | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Role of education in Aviation/Aerospace industry | <input type="radio"/> | <input checked="" 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 checked="" 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 checked="" 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 checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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 system | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Human factors problems and analysis | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Major steps in developing a research study | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Analysis of five major research methodologies | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Production and procurement management in manufacturing | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Supply and distribution functions in the logistic system | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Strategic planning and strategic management concepts | <input type="radio"/> | <input checked="" 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 checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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

| | Not Appli cable | Very Much | Quite A Bit | Some | Very Little | Not At All |
|--|-----------------|-----------|-------------|------|-------------|------------|
| Air transportation as part of the global system | | | | | | |
| State-of-the-art materials and practices used in manufacture and maintenance of A/A vehicles | | | | | | |
| Human factors problems and analysis | | | | | | |
| Major steps in developing a research study | | | | | | |
| Analysis of five major research methodologies | | | | | | |

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 |
|--|-----------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Understanding the history, mission, purpose and duty priority of air traffic control | <input type="radio"/> | <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 terminal Air Traffic Control operations. | <input type="radio"/> | <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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 system. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Human factors problems and analysis. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Major steps in developing a research study. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Analysis of five major research methodologies. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to recognize, use, and explain advanced aviation meteorological products employed in the global air transportation system. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to apply pertinent knowledge of aviation meteorology to identify problems and issues, and develop and manage programs to address them or Ability to apply knowledge of contemporary aviation meteorological problems, issues, and programs. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to develop new methods and technologies for building aviation weather products, and how to evaluate and apply the new products to address existing shortfalls. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to develop original research in aviation meteorology and express the results to peers and users through written and verbal communication methods. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M Aerospace 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 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"/> |

M Business Admin/M Business Admin (online)**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"/> |

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



Understanding and ability to apply advanced numerical methods



Understanding and ability to apply advanced space physics concepts



Understanding and ability to apply experimental methods in space science



Knowledge of advanced spacecraft dynamics and control



Knowledge of spacecraft power and thermal design



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"/> |

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"/> |

M Software 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 apply software engineering processes (e.g. PSP, TSP, and CMMI) to the development of software products | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to use software engineering methods and tools for the analysis and specification of software requirements | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to use software engineering methods and tools for the analysis and specification of software architecture and design | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to use software engineering methods and tools for software construction | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Ability to use software engineering methods and tools for the verification and validation of software systems | <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"/> |

Did you have a minor?

- ☐ Yes
☐ No

What were your minors? (select three)

- ☐ *Air Traffic Control*
☐ *Aviation Safety*
☐ *Business Administration*
☐ *Communication*
☐ *Flight*
☐ *Humanities*
☐ *International Relations*
☐ *Space Studies*
☐ *Other (Please specify below)*
☐ *Other (Please specify below)*
☐ *Other (Please specify below)*

**If other, please
specify:**

**If other, please
specify:**

**If other, please
specify:**

Minor in Air Traffic Control

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

| | Strongl y Agree | Agree | Neutral | Disagre e | Strongl y Disag ree |
|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Understanding the history, mission, purpose and duty priority of air traffic control | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" 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 checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" 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 checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |

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

| | Strongl y Agree | Agree | Neutral | Disagre e | Strongl y Disag ree |
|---|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|
| 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"/> |

Minor in Communication

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

| | Strongl y Agree | Agree | Neutral | Disagre e | Strongl y Disag ree |
|--|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|
| 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"/> |

Minor in Flight

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

| | Strongl y Agree | Agree | Neutral | Disagre e | Strongl y Disag ree |
|--|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|
| 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"/> |

Minor in Humanities

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

| | Strongl y Agree | Agree | Neutral | Disagre e | Strongl y Disag ree |
|--|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|
| 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"/> |

Minor in International Relations

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

| | Strongl y Agree | Agree | Neutral | Disagre e | Strongl y Disag ree |
|---|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|
| 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"/> |

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: