

ALUMNI SURVEY

Four to Five Years After Graduation

Embry-Riddle Aeronautical University

College of Aviation - Daytona Beach

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

Note: It is important to let your responses navigate you through the survey and not use the "back" or "forward" buttons of your browser.

Please type your colleague ID number in the space provided below. (Refer to cover letter)

Colleague
ID

EDUCATIONAL PLANS

1. Have you taken the GRE/GMAT/MCAT/LSAT, etc. since you graduated from ERAU?

☐ Yes

☐ No (if selected, will skip to Q3)

2. What were your score(s)?

GRE

Writing

Verbal

Quantitative

GMAT

Writing

Verbal

Quantitative

MCAT

Writing

Verbal

Biological
Science

Physical
Science

LSAT

Overall Score

3. Have you attended school at any time after you received your degree from ERAU?

- ☐ Yes
- ☐ No (will skip to Q15)

4. When did you first enroll in school after you received your degree from ERAU?

- ☐ Within 1 year
- ☐ 2-3 years
- ☐ 4-5 years

5. Are you currently enrolled in school?

- ☐ Yes (will skip to Q8)
- ☐ No (continue with Q6)

6. Have you received any degree(s) since you graduated from ERAU?

- ☐ Yes
- ☐ No (skip to Q8)

7. When did you graduate?

Month:

--Click Here-- ▼
January
February
March
April
May
June
July
August
September
October
November
December

Year:

--Click Here-- ▼
2003
2004
2005
2006
2007
2008

8. What is the name of the institution you are (or were) attending?

9. In what school/program did you enroll in after you received your degree from ERAU? (choose one)

- ☐ Arts and Sciences
- ☐ Aeronautical/Aviation/Aerospace (Excluding Engineering programs)
- ☐ Business
- ☐ Education
- ☐ Engineering
- ☐ Other:

10. What degree or certificate are (or were) you working towards at this school? (choose one)

- ☐ Courses not leading to a degree/certificate
- ☐ Vocational or Technical certificate
- ☐ Associate's degree
- ☐ Baccalaureate degree
- ☐ Post-baccalaureate degree or certificate
- ☐ Master's degree
- ☐ Post-master's certificate
- ☐ Doctoral degree (Ph.D., Ed.D., etc.)
- ☐ Professional degree (J.D., M.D., D.V.M., etc.)
- ☐ Other

11. Name of this degree program/major:

12. On what basis are (or were) you PRIMARILY enrolled?

- ☐ Full-time
- ☐ Part-time

13. How closely was your coursework related to your field of study at ERAU?

- ☐ Closely related
- ☐ Somewhat related
- ☐ Not related

14. How would you rate the PREPARATION you received at ERAU for your continuing education?

- ☐ Excellent
- ☐ Good
- ☐ Average
- ☐ Poor
- ☐ Very Poor

EMPLOYMENT PLANS

15. What is your present employment status?

- ☐ Employed full-time
- ☐ Employed part-time
- ☐ Not employed (will skip to Q25)

16. Read all the following options; then choose which one best describes your present employment status in the past year or since you graduated from ERAU:

- ☐ Presently employed (continue with Q17)
- ☐ Out of the work force due to continuing education (if selected will skip to Q26)
- ☐ Out of work force, actively seeking employment (if selected, will skip to Q25)
- ☐ Out of the work force due to other reasons

If due to other reasons,
please specify

17. How long have you been employed at your present position?

- ☐ Less than 1 year
- ☐ 1-2 years
- ☐ 3-4 years
- ☐ 5 years or more

18. Which area best describes your field of work? (choose one)

- ☐ Aerospace industry
- ☐ Airline
- ☐ Airport (operations, managerial, etc.)
- ☐ Air Traffic Controller
- ☐ Charter/freight
- ☐ Computer industry*
- ☐ Corporate aviation
- ☐ Education (flight instructor excluded)*
- ☐ FBO (flight instructor, maintenance, management, etc.)
- ☐ Flight training (OTHER than FBO)
- ☐ Government*
- ☐ Manufacturing (design, etc.)*
- ☐ Material/Equipment Supplier
- ☐ Military*
- ☐ Sales/Customer Service
- ☐ Other (aviation):

- ☐ Other (non-aviation):

*Includes aviation and non-aviation jobs

19. What is your annual starting salary at your present position BEFORE taxes?

\$

20. Please specify your position and employer information:

Your Title:

Employer/Company:

Name of Direct Supervisor:

Department:

Supervisor's Email:

Street:

City:

State:

--Click Here--

▼

Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
District of Columbia
Georgia
Florida
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Virginia
Washington
West Virginia
Wisconsin
Wyoming

Zip Code:

21. Are you currently working as a professional pilot?

☐ Yes

☐ No

If yes, what type?

☐ Air freight pilot

☐ Commercial

☐ Corporate/charter pilot

☐ Flight Instructor

☐ Military Pilot

☐ Other pilot:

22. How closely related is your present position to your degree?

☐ Closely related

☐ Somewhat related

☐ Not related

23. Did the degree you received from ERAU lead directly to a: (fill in all that apply)

☐ New Job

☐ Promotion

☐ Pay Raise

☐ Other:

☐ None of the above

24. Which of the following contributed directly to obtaining your present position? (Mark all that apply)

- ☐ Currently/previously employed prior to graduation
- ☐ ERAU Industry/Career Expo
- ☐ ERAU Internship, co-op, or bridge program
- ☐ ERAU Career Services office/EagleTRAK or EagleHIRE Network
- ☐ ERAU faculty/academic department
- ☐ ERAU ROTC program
- ☐ Company Website
- ☐ Professional conference (NBAA, HFES, etc)
- ☐ Military
- ☐ Personal networking/own research
- ☐ Recruitment Firm (Lucas Group, Manpower, etc.)
- ☐ Friend/family member
- ☐ Career network website (Monster, HotJobs, CareerBuilder, etc.)
- ☐ Another ERAU graduate
- ☐ eaglesNEST alumni website
- ☐ Other:

25. If not employed, why?

26. For what reason (if any) did you leave your last position?

27. How many positions prior to your present position have you had, related or somewhat related to your ERAU degree?

--Click Here-- ▼

- 0
- 1
- 2
- 3
- 4
- 5 or more

1st job after graduating from ERAU:

Company:

Your job title:

2nd job after graduating:

Company:

Your job title:

3rd job after graduating:

Company:

Your job title:

5th job after graduating:

Company:

Your job title:

4th job after graduating:

Company:

Your job title:

28. Please tell us how ERAU services (eg. Career Services, ERAU Alumni Association, your academic department, etc.) could help in your career development

How often

Read *The Leader*

--Click Here-- ▼

1 or more times a week

Once a month

2-3 times a month

1-5 times a year

6-11 times a year

Never

Read *eagleNEWS* monthly newsletter

--Click Here-- ▼

Contacted the ERAU Career Center

--Click Here-- ▼

Contacted the ERAU faculty/academic department

--Click Here-- ▼

Read the *Avion/Horizons* student newspaper

--Click Here-- ▼

Contacted other ERAU graduates

--Click Here-- ▼

Visited the ERAU Website

--Click Here-- ▼

Contacted the EaglesNest Online Alumni Community

--Click Here-- ▼

Read Aviation publications

--Click Here-- ▼

Contacted Alumni groups at my locality

--Click Here-- ▼

Attended Homecoming

--Click Here-- ▼

Read *LIFT*

--Click Here-- ▼

Visited a campus

--Click Here-- ▼

Used the EagleHIRE/EagleTRAK job search database

--Click Here-- ▼

Attended the Industry/Career Expo

--Click Here-- ▼

Other

--Click Here-- ▼

If other, please specify:

What is your preferred email address?

Comments:

30. Do you belong to any professional societies or organizations? (choose one)

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

31. 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	After ERAU
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"/>

a) Rate your current ability level

--Click Here--

- Very High Ability
- High Ability
- Moderate Ability
- Low Ability

[illegible]

b) Rate usefulness to current job or goal

Quantitative/Mathematics	--Click Here-- ▼
	Very Useful Useful Not Very Useful Not At All Useful
Basic PC software (word processing, spreadsheets, etc.)	--Click Here-- ▼
Writing skills (non-technical)	--Click Here-- ▼
Technical writing	--Click Here-- ▼
Speaking before an audience	--Click Here-- ▼
Applied research (information gathering and analysis)	--Click Here-- ▼
Critical thinking	--Click Here-- ▼
Independent work	--Click Here-- ▼
Planning, scheduling, and carrying out projects	--Click Here-- ▼
Defining and solving problems	--Click Here-- ▼
Working in groups/teams	--Click Here-- ▼
Leading/guiding others	--Click Here-- ▼
Responsible actions and decision making	--Click Here-- ▼
Understanding other people and other points of view	--Click Here-- ▼
Recognize the need to continue professional development throughout one's career (life-long learning)	--Click Here-- ▼
Environmental awareness	--Click Here-- ▼
Political and economic awareness	--Click Here-- ▼
Knowledge of political and physical geography	--Click Here-- ▼

c) Rate ERAU's preparation

[illegible]

Daytona Beach

Please select the degree you received from ERAU from the list below. You will then be taken to a set of degree-specific skills provided by your degree program. For each skill listed, provide a response assessing your academic preparation.

When you are finished with the skills from your degree, continue to question #34.

Note: Some degree programs DO NOT have degree-specific skills. In that case, when you select your degree from the list, you will be automatically skipped to the following question (#34).

Please select the degree level:

- ☐ Bachelors
- ☐ Masters

33. BACHELOR'S DEGREES

- ☐ BS Aeronautical Science
- ☐ BS Aeronautics
- ☐ BS Aerospace Electronics
- ☐ BS Air Traffic Management
- ☐ BS Applied Meteorology
- ☐ BS Aviation Tech (Maintenance/Avionics)
- ☐ BS Aviation Tech (Maintenance/Flight)
- ☐ BS Aviation Tech (Avionics/Flight)
- ☐ BS Professional Aeronautics
- ☐ BS Safety Science

MASTER'S DEGREES

- ☐ MS Aeronautical Science
- ☐ 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 Safety Science

a) Rate your current ability level

	<div>--Click Here-- ▼</div> <div>Very High Ability High Ability Moderate Ability Little Ability</div>
	<div>--Click Here-- ▼</div>
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b) Rate usefulness to current job or goal

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

c) Rate ERAU's preparation

--Click Here--	
Very High Preparation	
High Preparation	
Moderate Preparation	
Little Preparation	
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a) Rate your current ability level

	<div>--Click Here-- ▼</div> <div>Very High Ability</div> <div>High Ability</div> <div>Moderate Ability</div> <div>Little Ability</div>
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b) Rate usefulness to current job or goal

Knowledge and understanding of aviation law and regulations	<div>--Click Here-- ▼</div> <div>Very Useful</div> <div>Useful</div> <div>Not Very Useful</div> <div>Not At All Useful</div>
Understanding and application of management theory/concepts	<div>--Click Here-- ▼</div>
Knowledge and understanding of economic principles	<div>--Click Here-- ▼</div>
Use of statistical/quantitative techniques to solve problems	<div>--Click Here-- ▼</div>
Knowledge and understanding of aviation, technology and operations, concepts, theory and applications	<div>--Click Here-- ▼</div>
Knowledge and understanding of the many facets of the aviation industry	<div>--Click Here-- ▼</div>
Dealing with integrity issues	<div>--Click Here-- ▼</div>
Development of moral character	<div>--Click Here-- ▼</div>
Assertiveness in a leadership or subordinate role	<div>--Click Here-- ▼</div>
Knowledge and understanding of basic computer skills such as email, word processing, presentations, and spreadsheet software	<div>--Click Here-- ▼</div>
Knowledge of scientific principles	<div>--Click Here-- ▼</div>

c) Rate ERAU's preparation

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a) Rate your current ability level

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b) Rate usefulness to current job or goal

Understanding the history, mission, purpose and duty priority of air traffic control

--Click Here-- ▼ Very Useful Useful Not Very Useful Not At All Useful
--

Understanding the principles of flight and the pilot's environment	--Click Here-- ▼
Knowledge of basic communications and air traffic control phraseology	--Click Here-- ▼
Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts	--Click Here-- ▼
Knowledge of VFR Sectional Charts, VFR Terminal Charts, IFR Enroute Low Altitude Charts, IFR Enroute High Altitude Charts	--Click Here-- ▼
Understanding of basic weather fundamentals, weather systems, and hazardous weather	--Click Here-- ▼
Knowledge and ability to interpret meteorological reports: METARs, Terminal Area Forecasts, AIRMETs, SIGMETs, and PIREPs	--Click Here-- ▼
Knowledge of air traffic control strip marking: enroute and terminal	--Click Here-- ▼
Understanding of Radar separation procedures, airspace to be protected, speed adjustments, vectoring techniques and traffic coordination applicable to Air traffic Control operations	--Click Here-- ▼
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	--Click Here-- ▼
Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control	--Click Here-- ▼
Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft	--Click Here-- ▼
Understanding of Air Route Traffic Control Center operations as they pertain to non-radar separation of aircraft	--Click Here-- ▼

c) Rate ERAU's preparation

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Very High Preparation	
High Preparation	
Moderate Preparation	
Little Preparation	
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a) Rate your current ability level

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b) Rate usefulness to current job or goal

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

c) Rate ERAU's preparation

--Click Here--

▼

Very High Preparation

High Preparation

Moderate Preparation

Little Preparation

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a) Rate your current ability level

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b) Rate usefulness to current job or goal

General knowledge of maintenance operations and safety	<div>--Click Here-- ▼</div> <div>Very Useful</div> <div>Useful</div> <div>Not Very Useful</div> <div>Not At All Useful</div>
Skills in metallic and non-metallic structures and repair	--Click Here-- ▼
Understanding of a/c systems (hydraulics, environmental, etc.)	--Click Here-- ▼
Knowledge of reciprocating and turbine engines and their respective systems	--Click Here-- ▼
Knowledge and ability to work with technical publications and manuals	--Click Here-- ▼
Skills in troubleshooting	--Click Here-- ▼
Use of precision measuring instruments and basic and special tools	--Click Here-- ▼
Understanding and knowledge of FAA regulations	--Click Here-- ▼
Basic and advanced electronics analysis and theory	--Click Here-- ▼
Avionics equipment and system analysis	--Click Here-- ▼
Avionics/electronics system test, analysis, and repair	--Click Here-- ▼

c) Rate ERAU's preparation

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Very High Preparation	
High Preparation	
Moderate Preparation	
Little Preparation	
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a) Rate your current ability level

- Click Here--
- Very High Ability
- High Ability
- Moderate Ability
- Little Ability

[illegible]

b) Rate usefulness to current job or goal

General knowledge of maintenance operations and safety	<div>--Click Here--<div>▼</div></div> <div>Very Useful</div> <div>Useful</div> <div>Not Very Useful</div> <div>Not At All Useful</div>
Skills in metallic and non-metallic structures and repair	<div>--Click Here--<div>▼</div></div>
Understanding of a/c systems (hydraulics, environmental, etc.)	<div>--Click Here--<div>▼</div></div>
Knowledge of reciprocating and turbine engines and their respective systems	<div>--Click Here--<div>▼</div></div>
Knowledge and ability to work with technical publications and manuals	<div>--Click Here--<div>▼</div></div>
Skills in troubleshooting	<div>--Click Here--<div>▼</div></div>
Use of precision measuring instruments and basic and special tools	<div>--Click Here--<div>▼</div></div>
Understanding and knowledge of FAA regulations	<div>--Click Here--<div>▼</div></div>
Electrical and electronic systems operations	<div>--Click Here--<div>▼</div></div>
Understanding aerodynamic performance of aircraft powered by reciprocating and turbine engines	<div>--Click Here--<div>▼</div></div>
Use of electronic navigation and flight control systems	<div>--Click Here--<div>▼</div></div>
Crew coordination (cockpit resource management)	<div>--Click Here--<div>▼</div></div>
Knowledge of flight physiology, awareness of flight psychology (human factors)	<div>--Click Here--<div>▼</div></div>
Awareness of safety and accident prevention	<div>--Click Here--<div>▼</div></div>
Understanding the concepts and process of meteorology	<div>--Click Here--<div>▼</div></div>
Instrument flight skill	<div>--Click Here--<div>▼</div></div>
Multi-engine/high performance aircraft operations	<div>--Click Here--<div>▼</div></div>
Aeronautical decision making (judgment skills)	<div>--Click Here--<div>▼</div></div>

c) Rate ERAU's preparation

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Very High Preparation	
High Preparation	
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Little Preparation	
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a) Rate your current ability level

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b) Rate usefulness to current job or goal

General knowledge of maintenance operations and safety	<div>--Click Here-- ▼</div> <div> Very Useful Useful Not Very Useful Not At All Useful </div>
Knowledge of and ability to work with technical publications and manuals	--Click Here-- ▼
Skills in troubleshooting	--Click Here-- ▼
Use of precision measuring instruments and basic and special tools	--Click Here-- ▼
Understanding and knowledge of FAA regulations	--Click Here-- ▼
Use of electronic navigation and flight control systems	--Click Here-- ▼
Crew coordination (cockpit resource management)	--Click Here-- ▼
Knowledge of flight physiology, awareness of flight physiology (human factors)	--Click Here-- ▼
Awareness of safety and accident prevention	--Click Here-- ▼
Understanding the concepts and process of meteorology	--Click Here-- ▼
Instrument flight skills	--Click Here-- ▼
Multi-engine/high performance aircraft operations	--Click Here-- ▼
Aeronautical decision making (judgment skills)	--Click Here-- ▼
Basic and advanced electronic analysis and theory	--Click Here-- ▼
Avionics equipment and system analysis	--Click Here-- ▼
Avionics/electronics system test, analysis, and repair	--Click Here-- ▼

c) Rate ERAU's preparation

--Click Here--	
Very High Preparation	
High Preparation	
Moderate Preparation	
Little Preparation	
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a) Rate your current ability level

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Very High Ability	
High Ability	
Moderate Ability	
Little Ability	
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b) Rate usefulness to current job or goal

Identify, evaluate and control health and safety hazards in the workplace

--Click Here-- ▾

Very Useful

Useful

Little usefulness

Not At All Useful

Demonstrate competency in the principles of fire prevention, suppression, and life safety

--Click Here-- ▾

Demonstrate competency in the fundamentals of industrial hygiene and toxicology

--Click Here-- ▾

Apply systems safety analysis techniques to identify, prioritize, and control hazards in human-machine systems

--Click Here-- ▾

Demonstrate knowledge of aviation safety reporting systems and safety data sources

--Click Here-- ▾

Deal with the threat of violence and other international harmful acts in the workplace

--Click Here-- ▾

Develop, test, and maintain an airport emergency plan, including Aircraft Rescue and Fire Fighting

--Click Here-- ▾

Develop an understanding of federal human resources statutes and legal torts and contracts as it relates to safety/risk management in aviation law

--Click Here-- ▾

Develop and maintain a comprehensive workplace safety program

--Click Here-- ▾

Demonstrate competency in applying OSHA and EPA regulations to the workplace

--Click Here-- ▾

Apply DOT regulations to the application of different classes of hazardous materials

--Click Here-- ▾

Discuss the federal regulations pertaining to aircraft operations, rulemaking and certification

--Click Here-- ▾

Evaluate an airport's compliance with federal regulations

--Click Here-- ▾

Explain the application of workers' compensation practices

--Click Here-- ▾

Initiate, develop, conduct and manage aircraft accident investigations in accordance with all the requirements of the NTSB FAA and other relevant regulatory bodies

--Click Here-- ▾

Apply SHELL and Reason's model to understanding accident causation and prevention

--Click Here-- ▾

Evaluate the role of human factors issues (fatigue, body rhythms, vision, etc.) as they relate to human performance and accident causation and prevention

--Click Here-- ▾

Apply principles of crash survival to the design and outfitting of aircraft

--Click Here-- ▾

Complete a "Crash Survival Analysis" rating for various fixed-wing rotor aircraft

--Click Here-- ▾

Demonstrate the ability to work in teams

--Click Here-- ▾

Write and formulate a technical report

--Click Here-- ▾

Possess professional presentation skills

--Click Here-- ▾

c) Rate ERAU's preparation

[illegible]

MS Aeronautical Science

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

Air transportation as part of the global, multi-modal system

--Click Here--	▼
Not Applicable	
Very Much	
Quite A Bit	
Some	
Very Little	
Not At All	

Basic elements of Space Transportation System

--Click Here--	▼
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State-of-the-art materials and practices used in manufacture and maintenance of A/A vehicles

--Click Here--	▼
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Human factors problems and analysis

--Click Here--	▼
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Major steps in developing a research study

--Click Here--	▼
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Analysis of five major research methodologies

--Click Here--	▼
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MS Aeronautics (Av/Aero Ed Tech)

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

Air transportation as part of the global, multi-modal system

--Click Here--	▼
Not Applicable	
Very Much	
Quite A Bit	
Some	
Very Little	
Not At All	

Human factors problems and analysis

--Click Here--	▼
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Major steps in developing a research study

--Click Here--	▼
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Analysis of five major research methodologies

--Click Here--	▼
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Role of education in Aviation/Aerospace industry

--Click Here--	▼
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Value of simulation in aviation training programs

--Click Here--	▼
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Similarities and differences between pedagogy and andragogy

--Click Here--	▼
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Uniqueness and commonalities of the adult learning process

--Click Here--	▼
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MS Aeronautics (Av/Aero Mgmt)

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

Air transportation as part of the global, multi-modal system

--Click Here--	▼
Not Applicable	
Very Much	
Quite A Bit	
Some	
Very Little	
Not At All	

Human factors problems and analysis

--Click Here--	▼
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Major steps in developing a research study

--Click Here--	▼
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Analysis of five major research methodologies

--Click Here--	▼
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Production and procurement management in manufacturing

--Click Here--	▼
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Supply and distribution functions in the logistic system

--Click Here--	▼
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Strategic planning and strategic management concepts

--Click Here--	▼
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Interaction of maintenance with operations, logistics, and training functions

--Click Here--	▼
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MS Aeronautics (Av/Aero Ops)

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

Air transportation as part of the global, multi-modal system

--Click Here--	▼
Not Applicable	
Very Much	
Quite A Bit	
Some	
Very Little	
Not At All	

Human factors problems and analysis

--Click Here--	▼
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Major steps in developing a research study

--Click Here--	▼
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Analysis of five major research methodologies

--Click Here--	▼
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Past, present, and future airspace and ATC technology

--Click Here--	▼
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Roles and responsibilities of FAA, NTSB, and military in accident investigation

--Click Here--	▼
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Crash site investigation

--Click Here--	▼
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Management and operations related to Air Carriers

--Click Here--	▼
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Qualifications and training of aircraft dispatchers

--Click Here--	▼
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Responsibilities associated with Corporate Aviation operations

--Click Here--	▼
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MS Aeronautics (Av/Aero Safety Systems)

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

Air transportation as part of the global, multi-modal system

--Click Here--	▼
Not Applicable	
Very Much	
Quite A Bit	
Some	
Very Little	
Not At All	

State-of-the-art materials and practices used in manufacture and maintenance of A/A vehicles

--Click Here--	▼
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Human factors problems and analysis

--Click Here--	▼
----------------	---

Major steps in developing a research study

--Click Here--	▼
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Analysis of five major research methodologies

--Click Here--	▼
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MS Aeronautics (Air Traffic Management)

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

Understanding the history, mission, purpose and duty priority of air traffic control

--Click Here-- ▼

Not Applicable

Very Much

Quite A Bit

Some

Very Little

Not At All

Understanding the principles of flight and the pilot's environment

--Click Here-- ▼

Knowledge of basic communications and air traffic control phraseology

--Click Here-- ▼

Knowledge of Instrument Approach Procedure (IAP), Departure Procedure (DP), and Standard Arrival Route (STAR) Charts

--Click Here-- ▼

Knowledge of VFR Sectional Charts, VFR Terminal Charts, IFR Enroute Low Altitude Charts, IFR Enroute High Altitude Charts

--Click Here-- ▼

Understanding of basic weather fundamentals, weather systems, and hazardous weather

--Click Here-- ▼

Knowledge and ability to interpret meteorological reports: METARs, Terminal Area Forecasts, AIRMETs, SIGMETs, and PIREPs

--Click Here-- ▼

Knowledge of air traffic control strip marking: enroute and terminal

--Click Here-- ▼

Understanding of Radar separation procedures, airspace to be protected, speed adjustments, vectoring techniques and traffic coordination applicable to terminal Air Traffic Control operations.

--Click Here-- ▼

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.

--Click Here-- ▼

Knowledge of Federal Aviation Regulations as they pertain to Air Traffic Control

--Click Here-- ▼

Understanding of Air Route Traffic Control Center operations as they pertain to radar separation of aircraft

--Click Here-- ▼

Understanding of Air Route Traffic Control Center operations as they pertain to non-radar separation of aircraft

--Click Here-- ▼

MS Safety Science

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

Ability to anticipate and recognize occupational health and safety problems in the industrial and aviation environments

--Click Here-- ▼

Not Applicable

Very Much

Quite A Bit

Some

Very Little

Not At All

Ability to evaluate occupational health and safety problems in the industrial and aviation environments

--Click Here-- ▼

Ability to apply knowledge of occupational health and safety (industrial hygiene, ergonomics, occupational safety, and aviation safety), along with data analyses, to the solution of both existing and new design problems in the industrial and aviation environments

--Click Here-- ▼

Understanding and ability to apply statistical and quantitative techniques

--Click Here-- ▼

Understanding and ability to apply the strategies involved in planning, implementing, and controlling a research plan

--Click Here-- ▼

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

35. What weaknesses do you see in your degree program?

Please rate the usefulness of this degree

- ☐ Very Useful
- ☐ Useful
- ☐ Somewhat Useful
- ☐ Not Very Useful
- ☐ Not At All Useful

Please comment on the areas of the degree that need to be strengthened

Should the degree be more structured?

- ☐ Yes
- ☐ No

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

What are the down sides, if any, of the degree?

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