Embry-Riddle Aeronautical University-Worldwide
College Senior Survey 2017 Results

Graduating Seniors

Embry-Riddle Aeronautical University-Worldwide
N=38

Private/Nonsectarian 4yr Colleges-high selectivity
N=673

Higher Education Research Institute, University of California at Los Angeles
Results from the College Senior Survey (CSS) connect academic, civic, and diversity outcomes with college experiences to examine the institutional impact of:

- Academic experiences
- Co-curricular experiences
- Diversity
- Future plans
- Satisfaction
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A Note about CIRP Constructs

The CIRP constructs illustrate important information from the CSS about your students.

Constructs

Constructs statistically aggregate questions from CIRP surveys that tap into key features of the college experience. These student traits and institutional practices contribute to learning and development in college.

Longitudinal Constructs

Constructs that are included in the CIRP TFS and CSS that measure change in your student population over time.
Demographics

Primary Major (Aggregated)

- Agriculture: 0.0% (Men), 0.0% (Women)
- Biological Science: 0.0% (Men), 0.0% (Women)
- Business: 32.1% (Men), 33.3% (Women)
- Education: 0.0% (Men), 0.0% (Women)
- Engineering: 33.3% (Men), 33.3% (Women)
- English: 0.0% (Men), 0.0% (Women)
- Fine Arts: 0.0% (Men), 0.0% (Women)
- History or Political Science: 0.0% (Men), 0.0% (Women)
- Humanities: 0.0% (Men), 0.0% (Women)
- Mathematics or Statistics: 0.0% (Men), 0.0% (Women)
- Physical Science: 0.0% (Men), 0.0% (Women)
- Social Science: 17.9% (Men), 0.0% (Women)
- Other: 33.3% (Men), 33.3% (Women)

2017 College Senior Survey
Demographics

Finances

Borrowed money to help pay for college

- 35.7% for ERAU-Worldwide
- 73.1% for Comparison Group

Median Amount Borrowed

- ERAU-Worldwide: $13,000.00
- Comparison Group: $30,000.00

2017 College Senior Survey
Demographics

**Finances: Sources of Funding for College Expenses**

- **Family resources**
  - ERAU-Worldwide: 24.0%
  - Comparison Group: 79.1%

- **Personal resources**
  - ERAU-Worldwide: 27.5%
  - Comparison Group: 79.2%

- **Aid not to be repaid**
  - ERAU-Worldwide: 68.8%
  - Comparison Group: 76.9%

- **Aid to be repaid**
  - ERAU-Worldwide: 74.4%
  - Comparison Group: 90.8%

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ERAU-Worldwide ■ Comparison Group

2017 College Senior Survey
Academic Outcomes and Experiences

Students develop skills, knowledge, and abilities through their experiences both in and out of the classroom.
Pluralistic Orientation is a unified measure of skills and dispositions appropriate for living and working in a diverse society.

Construct Items

- Tolerance of others with different beliefs
- Ability to work cooperatively with diverse people
- Openness to having my own views challenged
- Ability to see the world from someone else's perspective
- Ability to discuss and negotiate controversial issues
Faculty Interaction: Mentorship measures the extent to which students and faculty have mentoring relationships that foster both academic and personal support and guidance.

**Construct Items**

- Help in achieving your professional goals
- Advice and guidance about your educational program
- Emotional support and encouragement
- Feedback on your academic work (outside of grades)
- An opportunity to discuss coursework outside of class
- Encouragement to pursue graduate/professional study
- Help to improve your study skills
- A letter of recommendation
- An opportunity to work on a research project
General Interpersonal Validation

These items measure the extent to which students believe faculty and staff provide attention to their development.

At least one faculty member has taken an interest in my development
At least one staff member has taken an interest in my development
Faculty believe in my potential to succeed academically
Faculty empower me to learn here

2017 College Senior Survey
Academic Outcomes

These items illustrate the extent to which students agree that this institution has contributed to their academic skills and abilities.

26.5% 30.2% 32.4% 36.0%

50.0%

38.6%

Knowledge of a particular field or discipline

Critical thinking skills

Problem-solving skills

Your Institution

- Strongly Agree
- Agree

Comparison Group

- Strongly Agree
- Agree

2017 College Senior Survey
Academic Enhancement Experiences

Opportunities to apply learning inside and outside the classroom augment students’ academic involvement, allowing them to make meaningful intellectual connections and communicate their knowledge to others.

- Completed a culminating experience for your degree (e.g., capstone course/project, thesis, comp exam): 61.8%
- Participated in an undergraduate research program: 27.5%
- Participated in an internship program: 56.0%

**Notes:**
- **ERAU-Worldwide**
- **Comparison Group**
Active and Collaborative Learning

These items illustrate the extent to which students have deepened their knowledge of course material through interaction with faculty and other students.

- Integrate skills and knowledge from different sources and experiences
  - ERAU-Worldwide: 27.8% Frequently, 17.3% Occasionally
  - Comparison Group: 72.2% Frequently, 82.7% Occasionally

- Tutored another college student
  - ERAU-Worldwide: 2.5% Frequently, 33.9% Occasionally
  - Comparison Group: 29.4% Frequently, 17.2% Occasionally

- Performed community service as part of a class
  - ERAU-Worldwide: 0.0% Frequently, 1.8% Occasionally
  - Comparison Group: 10.3% Frequently, 40.1% Occasionally

- Worked with classmates on group projects
  - ERAU-Worldwide: 15.6% Frequently, 48.4% Occasionally
  - Comparison Group: 50.2% Frequently, 48.4% Occasionally
Effective communication skills are essential prerequisites for success in today's world, both personally and professionally.

**Public speaking ability**
- ERAU-Worldwide: 25.0%
- Comparison Group: 17.4%

**Writing ability**
- ERAU-Worldwide: 35.7%
- Comparison Group: 53.6%
Co-curricular experiences provide opportunities for students to grow intellectually, interpersonally, and emotionally.
Civic Engagement

Engaged citizens are a critical element in the functioning of our democratic society. Civic Engagement measures the extent to which students are motivated and involved in civic, electoral, and political activities.

Construct Items

- I am interested in seeking information about current social and political issues
- Publicly communicated your opinion about a cause (e.g., blog, email, petition)
- Worked on a local, state, or national political campaign
- Demonstrated for a cause (e.g., boycott, rally, protest)
- Goal: Keeping up to date with political affairs
- Goal: Influencing social values
- Helped raise money for a cause or campaign
- Performed volunteer or community service work

2017 College Senior Survey
The ability to evaluate, question, and develop solutions affecting local and global communities is an important skill. *Civic Awareness* measures students’ understanding of the issues facing their community, nation, and the world.

**Construct Items**

- Understanding of national issues
- Understanding of global issues
- Understanding of the problems facing your community
Leadership measures students' beliefs about their leadership development and capability, and their experiences as a leader.

Construct Items

- Self-rated leadership ability
- I have effectively led a group to a common purpose
- Held a leadership position in an organization
- Participated in leadership training
Students’ physical and emotional well-being can affect many important aspects of the student experience, including academic performance and persistence. These items gauge student behaviors, attitudes, and experiences related to health and wellness.

- **Felt overwhelmed by all I had to do**
  - ERAU-Worldwide: 51.5% (Frequently), 44.6% (Occasionally)
  - Comparison Group: 30.3% (Frequently), 49.8% (Occasionally)

- **Felt depressed**
  - ERAU-Worldwide: 60.6% (Frequently), 3.0% (Occasionally)
  - Comparison Group: 46.0% (Frequently), 22.3% (Occasionally)

- **Sought personal counseling**
  - ERAU-Worldwide: 3.0% (Frequently), 13.5% (Occasionally)
  - Comparison Group: 18.2% (Frequently), 25.8% (Occasionally)

2017 College Senior Survey
Health and Wellness

Students’ physical and emotional well-being can affect many important aspects of the student experience, including academic performance and persistence. These items gauge student behaviors, attitudes, and experiences related to health and wellness.

Self-rated Emotional health
- Your Institution: 32.1%
- Comparison Group: 15.8%

Self-rated Physical health
- Your Institution: 29.0%
- Comparison Group: 42.9%

The chart compares self-rated emotional and physical health between the institution and the comparison group.
Diversity
Positive Cross-Racial Interaction

Contact with diverse peers allows students to gain valuable insights about themselves and others. *Positive Cross-Racial Interaction* is a unified measure of students’ level of positive interaction with diverse peers.

**Construct Items**

- Had intellectual discussions outside of class
- Shared personal feelings and problems
- Dined or shared a meal
- Had meaningful and honest discussions about race/ethnic relations outside of class
- Studied or prepared for class
- Socialized or partied

**Graph**

- **Graduating Seniors**
  - ERAU-Worldwide: 51.4
  - Comparison Group: 43.1

- **Men**
  - ERAU-Worldwide: 50.3
  - Comparison Group: 42.5

- **Women**
  - ERAU-Worldwide: 52.0
  - Comparison Group: 46.2
Negative Cross-Racial Interaction

Contact with diverse peers allows students to gain valuable insights about themselves and others. *Negative Cross-Racial Interaction* is a unified measure of students’ level of negative interaction with diverse peers.

Construct Items

- Had tense, somewhat hostile interactions
- Felt insulted or threatened because of your race/ethnicity
- Had guarded, cautious interactions
The campus community is a powerful source of influence on students’ development. *Sense of Belonging* measures the extent to which students feel a sense of academic and social integration on campus.

### Construct Items

- I feel I am a member of this campus
- I feel a sense of belonging to this college
- If asked, I would recommend this college to others

<table>
<thead>
<tr>
<th>Graduating Seniors</th>
<th>Men</th>
<th>Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERAU-Worldwide</td>
<td>52.4</td>
<td>51.9</td>
</tr>
<tr>
<td>Comparison Group</td>
<td>50.6</td>
<td>52.6</td>
</tr>
</tbody>
</table>

54.4

49.5
Diversity Outcomes

Contact with diverse students, faculty, and ideas allows students to gain valuable insights about themselves and others.

This institution has contributed to my knowledge of people from different races/cultures

<table>
<thead>
<tr>
<th>ERAU-Worldwide</th>
<th>Comparison Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strongly Agree</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>Agree</td>
<td>Agree</td>
</tr>
</tbody>
</table>

Had a roommate of different race/ethnicity

<table>
<thead>
<tr>
<th>ERAU-Worldwide</th>
<th>Comparison Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

2017 College Senior Survey
In class, I have heard faculty express stereotypes based on social identity (such as race/ethnicity, gender, sexual orientation, disability status, or religion).
Future Plans

This section describes students’ degree aspirations and career plans.
Future Plans

Preparedness for Future Plans

This institution has prepared me for employment after college
- ERAU-Worldwide: 50.0%
- Comparison Group: 48.3%

This institution has prepared me for graduate or advanced education
- ERAU-Worldwide: 29.4%
- Comparison Group: 39.7%
Future Plans: Employment

Planned Primary Activity Fall 2017

- Working full-time
- Working part-time

Current state of employment plans

<table>
<thead>
<tr>
<th>Your Institution</th>
<th>Comparison Group</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Not planning on employment this fall</td>
<td>Not actively looking for a position</td>
</tr>
<tr>
<td>Looking, but no offers yet</td>
<td>Received an offer for a position but declined</td>
</tr>
<tr>
<td>Currently considering an offer</td>
<td>Accepted an offer of employment</td>
</tr>
</tbody>
</table>

- Working full-time
  - Your Institution: 89.3%
  - Comparison Group: 73.2%
- Working part-time
  - Your Institution: 18.5%
  - Comparison Group: 32.4%
# Future Plans: Graduate/Professional School

<table>
<thead>
<tr>
<th>Planned Activity Fall 2017</th>
<th>ERAU-Worldwide</th>
<th>Comparison Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attend graduate/professional school full-time</td>
<td>25.0%</td>
<td>28.5%</td>
</tr>
<tr>
<td>Attend graduate/professional school part-time</td>
<td>32.1%</td>
<td>11.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current State of Educational Plans</th>
<th>ERAU-Worldwide</th>
<th>Comparison Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accepted and will be attending in fall</td>
<td>25.0%</td>
<td>22.5%</td>
</tr>
<tr>
<td>Still awaiting responses, no acceptances</td>
<td>3.6%</td>
<td>2.4%</td>
</tr>
<tr>
<td>No plans to apply to school now or in the future</td>
<td>17.9%</td>
<td>13.3%</td>
</tr>
</tbody>
</table>
## Future Plans

### Probable Career/Occupation

<table>
<thead>
<tr>
<th>Career/Occupation</th>
<th>Your Inst (%)</th>
<th>Comp Group (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artist</td>
<td>0.0%</td>
<td>10.0%</td>
</tr>
<tr>
<td>Business</td>
<td>11.4%</td>
<td>20.8%</td>
</tr>
<tr>
<td>Business (Clerical)</td>
<td>0.0%</td>
<td>0.2%</td>
</tr>
<tr>
<td>College Teacher</td>
<td>0.0%</td>
<td>3.4%</td>
</tr>
<tr>
<td>Doctor (MD or DDS)</td>
<td>0.0%</td>
<td>2.7%</td>
</tr>
<tr>
<td>Education (secondary)</td>
<td>5.7%</td>
<td>10.4%</td>
</tr>
<tr>
<td>Engineer</td>
<td>8.6%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Government</td>
<td>14.3%</td>
<td>4.4%</td>
</tr>
<tr>
<td>Health professional</td>
<td>0.0%</td>
<td>5.7%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Career/Occuposition</th>
<th>Your Inst (%)</th>
<th>Comp Group (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homemaker (full-time)</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Lawyer</td>
<td>0.0%</td>
<td>3.8%</td>
</tr>
<tr>
<td>Military (career)</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Nurse</td>
<td>0.0%</td>
<td>7.6%</td>
</tr>
<tr>
<td>Research scientist</td>
<td>0.0%</td>
<td>3.2%</td>
</tr>
<tr>
<td>Social/welfare/rec worker</td>
<td>2.9%</td>
<td>1.9%</td>
</tr>
<tr>
<td>Skilled worker</td>
<td>2.9%</td>
<td>0.2%</td>
</tr>
<tr>
<td>Other choice</td>
<td>48.6%</td>
<td>12.1%</td>
</tr>
<tr>
<td>Undecided</td>
<td>2.9%</td>
<td>3.8%</td>
</tr>
</tbody>
</table>
## Future Plans

When thinking about your career path after college, how important are the following considerations:

(Percentages combine “Essential” and “Very Important” responses)

<table>
<thead>
<tr>
<th>Consideration</th>
<th>ERAU-Worldwide</th>
<th>Comparison Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work/Life balance</td>
<td>100.0%</td>
<td>90.6%</td>
</tr>
<tr>
<td>Stable, secure future</td>
<td>92.8%</td>
<td>86.8%</td>
</tr>
<tr>
<td>Availability of jobs</td>
<td>92.8%</td>
<td>75.2%</td>
</tr>
<tr>
<td>Ability to pay off debt</td>
<td>85.7%</td>
<td>81.2%</td>
</tr>
<tr>
<td>Leadership potential</td>
<td>78.5%</td>
<td>67.1%</td>
</tr>
<tr>
<td>Expression of personal values</td>
<td>67.9%</td>
<td>75.4%</td>
</tr>
<tr>
<td>Creativity and initiative</td>
<td>57.1%</td>
<td>68.3%</td>
</tr>
<tr>
<td>High income potential</td>
<td>75.0%</td>
<td>57.3%</td>
</tr>
<tr>
<td>Working for social change</td>
<td>17.8%</td>
<td>58.1%</td>
</tr>
<tr>
<td>Social recognition or status</td>
<td>32.1%</td>
<td>32.9%</td>
</tr>
<tr>
<td>Connection to college major</td>
<td>55.5%</td>
<td>61.3%</td>
</tr>
</tbody>
</table>
Satisfaction

Understanding how students perceive their college experience identifies areas that are working well and sheds light on those that need improvement.
Overall Satisfaction measures students’ satisfaction with the college experience.

- Overall college experience
- If you could make your college choice over, would still choose to enroll at your current college
- Overall quality of instruction

### Construct Items

<table>
<thead>
<tr>
<th>Graduating Seniors</th>
<th>Men</th>
<th>Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERAU-Worldwide</td>
<td>55.9</td>
<td>55.6</td>
</tr>
<tr>
<td>Comparison Group</td>
<td>54.4</td>
<td>55.6</td>
</tr>
<tr>
<td>ERAU-Worldwide</td>
<td>56.8</td>
<td>53.8</td>
</tr>
<tr>
<td>Comparison Group</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Satisfaction with Coursework

*Satisfaction with Coursework* measures the extent to which students see their coursework as relevant, useful, and applicable to their academic success and future plans.

**Construct Items**

- Relevance of coursework to future career plans
- Relevance of coursework to everyday life
- Courses in your major field
- General education or core curriculum courses

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**Graduating Seniors**

- ERAU-Worldwide: 53.3
- Comparison Group: 50.9

**Men**

- ERAU-Worldwide: 53.3
- Comparison Group: 50.2

**Women**

- ERAU-Worldwide: 53.4
- Comparison Group: 51.2
In addition to actual coursework, various support services are instrumental in shaping students’ academic experiences.

- **Amount of contact with faculty**
  - ERAU-Worldwide: 26.5% Very Satisfied, 32.0% Satisfied
  - Comparison Group: 47.1% Very Satisfied, 34.4% Satisfied

- **Academic advising**
  - ERAU-Worldwide: 37.5% Very Satisfied, 41.0% Satisfied
  - Comparison Group: 58.9% Very Satisfied, 20.3% Satisfied

- **Tutoring or other academic assistance**
  - ERAU-Worldwide: 20.0% Very Satisfied, 44.6% Satisfied
  - Comparison Group: 23.4% Very Satisfied, 47.1% Satisfied

- **Class size**
  - ERAU-Worldwide: 0% Very Satisfied, 34.1% Satisfied
  - Comparison Group: 60.2% Very Satisfied, 34.1% Satisfied
A diverse campus—including students, faculty, and ideas—has a powerful impact on the student experience. These items gauge satisfaction with the diversity of the student body, faculty, and beliefs.

- **Respect for the expression of diverse beliefs**
  - **ERAU-Worldwide**
    - Very Satisfied: 35.3%
    - Satisfied: 32.4%
  - **Comparison Group**
    - Very Satisfied: 26.0%
    - Satisfied: 42.5%

- **Racial/ethnic diversity of the student body**
  - **ERAU-Worldwide**
    - Very Satisfied: 29.4%
    - Satisfied: 20.6%
  - **Comparison Group**
    - Very Satisfied: 18.3%
    - Satisfied: 35.9%
Where students live and the support they receive are critical to shaping their college experience.

2017 College Senior Survey
The more you get to know your students, the better you can understand their needs.

For more information about HERI/CIRP Surveys

The Freshman Survey
Your First College Year Survey
Diverse Learning Environments Survey
College Senior Survey
Staff Climate Survey
The Faculty Survey

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