

**ALUMNI SURVEY**  
**COLLEGE OF AERONAUTICAL ENGINEERING**  
**DEPARTMENT OF AEROSPACE ENGINEERING**

1. Career / Professional Information

- a. Name (Optional).....
- b. Year of BE Degree.....
- c. Are you currently studying for an advanced degree?  
 \_\_\_Yes, \_\_\_No,
- d. Employer.....
- e. Which of the following best describes your current career (tick one)

Aerospace engineering / Engineering (other than aerospace) / Non engineering

2. Aerospace educational objectives describe the capabilities that the faculty believe our graduates should possess few years after the graduation. We are seeking your assessment of the degree to which Aerospace Engineering curriculum met these objectives. We are also interested in the importance of these objectives themselves.

Objectives	Success 1: Lowest, 5: Highest					Importance 1: Lowest, 5: Highest				
	1	2	3	4	5	1	2	3	4	5
<b>Graduates possess...</b>										
<b>1. Knowledge of Aerospace Engineering in the following areas: (PEO-1)</b>										
(a) Structures & Materials										
(b) Aerodynamics										
(c) Propulsion										
(d) Dynamics and Controls										
(e) Design										
<b>2. Basic engineering skills: (PEO-1)</b>										
(a) Computational methods and tools										
(b) Experimental procedures and tools										
(c) Open-ended and design problems										
<b>3. Understanding of the environmental impact of the engineering solution and appreciation for the need for sustainable engineering solution (PEO-2).</b>										
<b>4. Knowledge to address an ethical issue (PEO-2).</b>										
<b>5. An appreciation for the social impact of the engineering solution, and specifically the role of aerospace technology in today's world (PEO-2).</b>										
<b>6. An ability to work in teams (PEO-3):</b>										
<b>7. An ability to communicate effectively with others (PEO-4)</b>										
(a) Written										
(b) Oral										
<b>8. Desire for continuing professional development other than formal education (PEO-4):</b>										

### 3. Evaluation of CAE Education

- a. On a scale of 1-5 (1 being lowest and 5 being the highest) rate your CAE education as preparation for your career/ profession

1	2	3	4	5

- b. Based on your experience since graduation, what are the primary strengths of your CAE education?

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- c. Based on your experience since graduation, what are the primary weaknesses of your CAE education?

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- d. What other suggestions would you offer to the college to help us better prepare student for an engineering career in the 21<sup>st</sup> century

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