# “2006-2007” Alumni Survey

**Bachelor of Science Degree**

**Biological and Agricultural Systems Engineering (BASE)**

**COLLEGE OF ENGINEERING SCIENCES, TECHNOLOGY AND AGRICULTURE**

Florida A&M Universiy ? Tallahassee, FL

## General Information

1. **When did you graduate from the BASE Program?**

2. **Are you:**
   - Male ☐
   - Female ☐

3. **What is the highest post-baccalaureate degree you have earned or are in the process of earning?**
   - Master in Engineering ☐
   - PhD or Doctorate in Engineering ☐
   - Medical Degree ☐
   - Law Degree ☐
   - Dental Degree ☐
   - MBA Degree ☐
   - Master in area other than Engineering ☐
   - None ☐

4. **Optional:**

<table>
<thead>
<tr>
<th>Your Name:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>E-mail:</td>
<td></td>
</tr>
<tr>
<td>Phone:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td>State:</td>
</tr>
<tr>
<td>Zip:</td>
<td></td>
</tr>
</tbody>
</table>

5. **Are you currently employed?**
   - Yes ☐
   - No ☐

6. **How long after graduation did it take you to secure employment?**
   - Was employed at graduation ☐
   - Three months ☐
   - Six months ☐
   - One year ☐
   - More than a year ☐
   - Not Applicable ☐

7. **What is your current position?**
   - Engineering Staff ☐
   - Engineering Management ☐
   - Engineering Consulting ☐
   - Human Resources ☐
   - Business Management ☐
   - Other: ____________________________

8. **Where are you currently employed or what institution are you currently attending?**

<table>
<thead>
<tr>
<th>Employer’s Name:</th>
<th>Title:</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-mail Address:</td>
<td>Work Phone:</td>
</tr>
<tr>
<td>Work Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td>State:</td>
</tr>
</tbody>
</table>

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Please rate (by checking the boxes) the following topics on a scale of 1 to 3 (lowest to highest), in terms of:

a) Their **Relevance** to your career and professional experience, and

b) Your **Preparation** in these topics by the Biological and Agricultural Systems Engineering program at Florida A & M University (FAMU).

### A. EDUCATIONAL BACKGROUND

<table>
<thead>
<tr>
<th>Topic</th>
<th>Relevance to Career</th>
<th>Preparation by Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical (i.e., mathematics, chemistry, and physics) content of the program.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Experience in designing and conducting laboratory experiments, including analysis and interpretation of data.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Ability to apply agricultural and biological engineering principles to engineering process and system design.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Participation on multidisciplinary teams working on Interdisciplinary engineering problems.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Training in engineering problem identification, formulation, and solution skills.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Development of a good understanding of the moral and ethical issues engineering practice and how to deal with them.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Emphasis of the importance of developing professionalism and safety considerations in engineering practice.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Effective written and oral communications.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Quality of your general education (i.e., history, social sciences, humanities, etc.) along with the engineering curriculum, in achieving an appreciation of global societal engineering problems and solutions.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Quality of your educational experience with regard to helping you prepare for lifelong learning.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Utilization of computer skills and tools, such as numerical methods, general software (spreadsheets, etc.), and engineering applications.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
</tbody>
</table>
### B. CAREER PREPARATION

<table>
<thead>
<tr>
<th>Topic</th>
<th>Relevance to Career</th>
<th>Preparation by Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation for the technical aspects of your career.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Ability to manage technical projects.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Preparation for engineering research and development.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Preparation for future graduate studies.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Opportunities for career mobility and advancement.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Importance of cooperative education and/or internships in preparing you for our career.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Experience in working in groups or teams as it relates to developing professional interpersonal skills, especially in a multidisciplinary context.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
</tbody>
</table>

### C. STUDENT – FACULTY RELATIONSHIP

1. Who served as your advisor in the BASE program? __________________________

2. Did you feel your advisor provided you with adequate information on your coursework? □ Yes □ No
   Explain: __________________________________________________________________________
   __________________________________________________________________________

3. Do you remain in contact with the advisors and professors from the BASE program? □ Yes □ No
   Explain: __________________________________________________________________________
   __________________________________________________________________________
4. Did you participate in any internship during your undergraduate experience in BASE?  □ Yes  □ No
   If yes was the internship obtained by any of the BASE professors of staff?  □ Yes  □ No

<table>
<thead>
<tr>
<th>Topic</th>
<th>Relevance to Career</th>
<th>Preparation by Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality and availability of the academic advising within the BASE department.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Willingness of faculty to answer questions in class and assist students with the mastery of the course material.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Accessibility of faculty members outside of class times on academic matters or for mentorship and career development purposes.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
<tr>
<td>Rate the overall quality of the student faculty relationship with the Program of Biological and Agricultural Systems Engineering.</td>
<td>□ 1 □ 2 □ 3</td>
<td>□ 1 □ 2 □ 3</td>
</tr>
</tbody>
</table>

D. BASE Curriculum

1. Do you feel there were any courses that you needed for success in your career/graduate work, but you did not take them because they were not required to graduate?  □ Yes □ No
   If so what type of class work skills, and or classes have you needed? __________________________

2. Did you feel challenged in your class work assignments? □ Yes □ No
3. Did you feel challenged in your homework assignments? □ Yes □ No
4. Do you feel that you were adequately prepared for you upper level courses after completing your general underclassman requirements? □ Yes □ No
   Explain: __________________________

5. What courses completed in you undergraduate curriculum have been beneficial to you in your work place/graduate school? __________________________

6. Would you recommend the BASE program to other college bound students? □ Yes □ No
   Explain: __________________________
**Additional Comments**

What suggestions do you have for improving our program?

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Thank you for your valued assistance in completing this survey and participating in the continuing improvement of our program.

Please send your response to:

**Biological & Agricultural Systems Engineering (BASE)**
Florida A&M University
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Tallahassee, FL 32307
(850) 561-2198
http://www.famu.edu/acad/colleges/cesta/