

**COMPUTER SCIENCES ALUMNI SURVEY
2005**

1 Respondents

Six (6) students from the Computer Sciences Department responded including one (1) Information Systems student.

Four of the respondents earned a Master's degree at Florida Tech. One respondent earned a Master's degree in England and the other is pursuing a graduate degree.

2 Computer Sciences Responses

The following represent both undergraduate and graduate alumni in Computer Sciences shows percent agreement (i.e. Strongly Agree or Agree) with each of the statements:

- 100% - Compared to my peers I am as well prepared.
- 83% - Florida Tech contributed to my ability to work on a team. (One disagreed)
- 83% - Florida Tech contributed to my ability to make ethical decisions. (One neither agreed nor disagreed)
- 100% - Florida Tech contributed to my understanding of professional responsibilities in society.
- 100% - I would recommend my program to others.
- 100% - I am employed in my major or a closely related field.

3 Comments

- More group work. More emphasis on development of Internet-related applications.
- Florida tech strongly needs to work on the international students office. they are very in cooperative. Also in CS department, Dr Shoaff doesn't give assistantship to the students who don't do the buttering to him. It's very bad.
- The curriculum should be continued to concentrate on programming languages and design.

- Teach computer science students commercial IDE's. UML is a must for undergraduate curriculum as well. I struggled for a year or two with unemployment, then designed an analysis software and convinced a large company that they should hire me, and integrate my software into theirs. All is fine now, I am kicking ass @ work. I never liked the quality of education @ FIT, but I just realized that comparing to others, it is acceptable. PS: There are bugs in this survey! Required fields are inconsistent with the logic of survey.

**COLLEGE of ENGINEERING ALUMNI SURVEY
2005**

4 Respondents

- 3 - Chemical Engineering
- 10 - Civil Engineering
- 2 - Oceanography
- 4 - Electrical Engineering
- 1 - Environmental Science
- 2 - Aerospace Engineering
- 4 - Computer Science
- 1 - Engineering Management
- 2 - Computer Information Systems
- 1 - Computer Engineering
- 1 - Mechanical Engineering
- 31 - Total Respondents

(Note the number of respondents listed in Computer Science does not match the number given above in the report for computer science)

5 Overall Findings

The following shows percent of strongly agree and agree with each of the statements:

- 96% - Compared to my peers I am as well prepared.
- 93% - Florida Tech contributed to my ability to work on a team.

- 77% - Florida Tech contributed to my ability to make ethical decisions.
- 90% - Florida Tech contributed to my understanding of professional responsibilities in society.
- 96% - I would recommend my program to others.
- 80% - I am employed in my major or a closely related field.

6 Comments (summarized across all disciplines:)

- More group work. More emphasis on development of Internet-related applications.
- The curriculum should continue to concentrate on programming languages and design.
- Statistics is a must that was not required when I was a student at FIT. Everything about the Process Engineering arena is based on the statistical analysis of plant data. More projects surrounding this type of trouble shooting (process control analysis) would better prepare engineers for the work force. More courses on political decorum and how to fit into the business world (based on real professionals teaching it) would also help new engineers migrate into the corporate world.
- Offer more environmental engineering courses.

Twenty-seven of the respondents indicated they would not give Florida Tech Employer surveys to their employers. Eight of these were from Civil Engineering, three were from Chemical Engineering, four were from Computer Science, and three were from Electrical Engineering, two from Aerospace Engineering and Computer Information Systems. The other 5 respondents were from various other departments.

To access the two surveys:

- http://it.fit.edu/survey/FLTech_alumni.cfm
- <http://it.fit.edu/survey/employersurvey.cfm>

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