

*\*All percentages are rounded to the nearest full point; therefore, they may not add to 100%.*

## **Class of 2009 - School of Engineering**

A total of 84 School of Engineering graduates were awarded baccalaureate degrees in August 2008, December 2008, and May 2009. 37 (44%) graduates responded to the survey. In an effort to increase the accuracy of our post-graduation activity data, Institutional Research provided additional graduate school attendance information secured through the Student Loan Clearinghouse, which resulted in our learning the post-graduation activities of an additional 9 (11%) graduates.

### **POST GRADUATION ACTIVITY**

#### **Further Study**

A total of 17 (46%) of those who *responded* indicated that they attended graduate school immediately after graduation. However, through use of the Admissions Clearinghouse we learned that 26(31%) of all respondents pursued further study since graduation.

#### **Employment**

35 (95%) respondents indicated they were either working *and/or* attending graduate school in the first year after graduation.

A total of 30 (81%) graduates indicated they are employed. Their employment status is as follows:

22 (59%) indicated they were employed full time

8 (22%) indicated they were employed part time

12 (32%) indicated they were employed and in graduate school.

5 (14%) indicated they were unemployed, but were attending graduate school.

2 ( 5%) indicated they were both unemployed and not attending graduate school.

### **Average Salaries**

19 (86%) respondents who were employed full time provided salary information.

All salary information is calculated using the actual salary the respondent provided or the median of the salary range selected by the respondent. Respondents that indicated their salaries fell below \$19,999 or above \$80,000 and did not include a precise amount were excluded from the calculations.

The mean reported salary for the respondents that met the above criteria is \$54,605. This reflects a 3% decrease in comparison with the Class of 2008. Salaries ranged from a low of \$37,500 to a high of \$67,500.

### **Fields of Employment**

Students pursue occupations in a variety of career fields. 22 (73%) respondents that answered this item regarding employment fields are employed as follows:

1 (5%) in Communication

1 (5%) in Computers

1 ( 5%) in Education

19 (86%) in Engineering

### **Time Span for Securing Employment**

9 (41%) Engineering graduates secured employment prior to graduation.

11 (50%) respondents secured employment within the first three months after graduation.

14 (64%) respondents secured employment within the first six months after graduation.

21 (95%) respondents secured employment within 1 year after graduation.

### **Job Offers**

Of the Engineering graduates employed who responded to this item, 9 (41%) of the 22 respondents employed full time received more than one job offer. This reflects an 11 percentage point decrease in comparison with the Class of 2008. The number of employment offers received ranged from 1 to 3, with respondents receiving a mean of 1.59 offers of employment per graduate.

## Satisfaction with Employment

Using a likert scale of 5 high to 1 low, Engineering graduates indicated the level of satisfaction they felt with their jobs. 19 (86%) of the respondents employed indicated an above average or high level of job satisfaction. The average satisfaction score for the respondents to this item was 4.68. In comparison with the other academic schools, School of Engineering graduates indicated the greatest satisfaction with their employment.

## Relationship between Academic Major and Position Obtained

Engineering graduates indicated the relationship between their academic major and the position they obtained since graduation. Of the 37 (100%) respondents:

- 23 (62%) respondents indicated a direct relationship between their academic major and the position they obtained.
- 11 (30%) respondents indicated an indirect relationship between their academic major and the position they obtained.
- 2 ( 5%) respondents indicated there was no relationship between their academic major and the position they obtained.

## Internship Participation

25 (68%) of Engineering majors who responded to the survey indicated they participated in an average of 1.56 internship experiences over an average of 2.12 semesters. This reflects a 9 percentage point increase in comparison to the Class of 2008.

## Usage of Career Services

31 (84%) respondents indicated they had utilized Career Services during their academic careers. Using a likert scale of 5 high to 1 low, graduates who utilized Career Services were asked to rate the service provided. The average rating was 3.73.

23 (62%) respondents reported utilizing TCNJ recruitment programs (i.e., internship programs and resources, job listings/binders, on-campus recruitment and Career Days).

## Receipt of Advice from Faculty

When asked if they had received advice from faculty in their department or program, 37 (100%) respondents indicated they had.

- 23 ( 62%) indicated they had received advice regarding post graduation career plans.
- 15 ( 41%) indicated they had received advice regarding internships.
- 22 ( 59%) indicated they had received advice regarding graduate and professional school.
- 37 (100%) indicated they had either received career advice from their faculty or had used Career Services.

## TCNJ's Preparation for Students' Career Goals

Engineering graduates rated how TCNJ prepared them for their current position utilizing a five-point scale (i.e., excellent to poor). Of the 36 (97%) respondents, 32 (89%) rated their preparation as excellent or above average. This reflects a 5 percentage point increase in comparison with the Class of 2008.

19 (53%) excellent	2 (6%) average	0 (0%) poor
13 (36%) above average	2 (6%) below average	

## Quality of Academic Experience

Engineering graduates assessed the overall quality of their academic experience. Of the 35 (95%) respondents, 34 (97%) assessed their academic experience as excellent or above average. This reflects a 3 percentage point increase in comparison with the Class of 2008. The average rating was 4.60.

23 (66%) excellent	0 (0%) average	0 (0%) poor
11 (31%) above average	1 (3%) below average	

# **GRADUATE/PROFESSIONAL SCHOOL**

## **Current Graduate/Professional School Attendance**

17 (46%) of respondents indicated that they applied for graduate/professional school in the first year after graduation. 8 (47%) of those that applied had a contingency plan for if they were not admitted to graduate school. Of those who applied 100% enrolled in further study.

Of the survey respondents direct reporting of graduate school attendance, 17 (46%) of survey respondents are currently enrolled in graduate/professional school. Through the combination of the clearinghouse and self reporting, we identified that a total of 26 (31%) attended graduate/professional school after graduation.

## **Areas of Current & Intended Study**

Engineering graduates who indicated they are attending (17 or 100%) or plan to attend (14 or 38% of all respondents) further study indicated they will pursue the following fields (number and percent of total respondents to item).

Field of Study	Those who currently attend		Those who plan to attend		Field of Study	Those who currently attend		Those who plan to attend	
	Count	Percent	Count	Percent		Count	Percent	Count	Percent
Business	1	6%	5	28%	Engineering	14	82%	9	50%
Communications	0	0%	1	6%	Health Related	1	6%	1	6%
Education	1	6%	1	6%	Medicine	0	0%	1	6%

## **Future Plans for Graduate Study**

14 (38%) Engineering graduates plan to attend graduate/professional school in the future. 16 (43%) of the respondents who intend to pursue further study indicated the timing of their future attendance:

10 (62.5%) respondents plan to attend within the first 2 years after graduation.

13 ( 81%) respondents plan to attend within 4 years after graduation.

16 ( 100%) respondents plan to attend within 6 years after graduation.

*\*4 respondents indicated the timing of their future attendance but did not indicate whether they were attending currently and 2 respondents indicated a plan to attend graduate/professional school in the future but did not indicate the timing of their future attendance.*

## **Current Degrees and Highest Degree Level Sought**

17 (100%) of those currently attending responded to the degree level they are pursuing. In addition, 36 (97%) respondents provided information on the highest degree level they intended to pursue. Of those intending to pursue advanced degrees:

Degree Level	Currently Pursuing		Highest Degree Planned	
	Count	Percent	Count	Percent
Bachelors	0	0%	20	56%
Masters	13	76%	4	11%
Specialist	1	6%	8	22%
Doctorate	2	12%	3	8%
Professional	1	6%	1	3%