

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

## **Class of 2008 - School of Engineering**

A total of 77 School of Engineering graduates were awarded baccalaureate degrees in August 2007, December 2007, and May 2008. 42 (54%) 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 10 (14%) graduates.

### **POST GRADUATION ACTIVITY**

#### **Graduate School Attendance**

A total of 12 (29%) of those who *responded* indicated that they attended graduate school immediately after graduation.

#### **Employment**

39 (93%) respondents indicated they were either working *and/or* attending graduate school in the first year after graduation.

A total of 34 (81%) graduates indicated they are employed. Their employment status is as follows:

30 (71%) indicated they were employed full time

3 (7%) indicated they were employed part time

1 (2%) indicated they were employed both full and part time

7 (17%) indicated they were employed and in graduate school.

5 (12%) indicated they were unemployed, but were attending graduate school.

3 (7%) indicated they were both unemployed and not attending graduate school.

### **Average Salaries**

27 (90%) 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 \$69,999 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 \$55,894. This marks a 4% increase in comparison with the average salary earned by Engineering graduates of the Class of 2007. Salaries ranged from a low of \$42,500 to a high of \$70,000.

### **Fields of Employment**

Students pursue occupations in a variety of career fields. 32 (82%) respondents that answered this item regarding employment fields are employed as follows: (Respondents were permitted to select multiple fields.)

2 ( 6%) in Business

5 (16%) in Education

2 (6%) in Government

1 ( 3%) in Computers

21 (68%) in Engineering

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

29 (85%) of those employed responded to this item. 29 (100%) indicated they had secured *employment within six months* of graduation.

20 (69%) Engineering graduates secured employment prior to graduation.

27 (93%) respondents secured employment within the first three months after graduation.

29 (100%) respondents secured employment within the first six months after graduation.

29 (100%) respondents secured employment within 1 year after graduation.

### **Job Offers**

Of the Engineering graduates employed who responded to this item, 16 (52%) received more than one job offer; this reflects a 2 percentage point increase in comparison to the Class of 2007. The number of employment offers received ranged from 1 to 15, with respondents receiving a mean of 2.39 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. 20 (80%) 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 4.28.

## Job Search Resources

Engineering graduates utilized a variety of resources to find their employment. Of the 26 (77%) of those employed who responded to this item, the most popular job search resources utilized by respondents continue to be direct contact, MonsterTRAK/Career Services (MonsterTRAK is the vendor TCNJ uses to operate its recruitment systems), and networking.

9 (36%) applied directly to the company.	5 (20%) continued in the same job/internship.
8 (32%) used Career Services and Monster.	4 (16%) used networking.
0 (0%) used an employment agency.	4 (16%) used the internet (other than Monster).
0 (0%) used the newspaper.	6 (24%) used other resources.

## 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 34 (100%) respondents:

- 29 (85%) respondents indicated a direct relationship between their academic major and the position they obtained.
- 4 (12%) respondents indicated an indirect relationship between their academic major and the position they obtained.
- 1 ( 3%) respondents indicated there was no relationship between their academic major and the position they obtained.

## Internship Participation

25 (59%) of Engineering majors who responded to the survey indicated participation in internships for an average of 2.52 semesters. This reflects a 14 percentage point decrease in comparison to the Class of 2007.

## Usage of Career Services

31 (94%) respondents indicated they had utilized Career Services during their academic careers. This reflects an 11 percentage point increase in comparison to the Class of 2007. 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 3.40.

26 (79%) respondents reported utilizing TCNJ recruitment programs (i.e., internship programs and resources, job listings/binders, on-campus recruitment and Career Days). This reflects an 18 percentage point increase in comparison with the Class of 2007.

## Receipt of Career Advice

When asked if they had received career advice from faculty in their department or program, 14 (42%) respondents indicated they had. 31 (94%) of the respondents indicated they had either received career advice from their faculty or had used Career Services. This marks a 4 percentage point increase as compared to the Class of 2007.

## 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 31 (74%) respondents, 26 (84%) rated their preparation as excellent or above average. This reflects a 6 percentage point decrease in comparison with the Class of 2007.

8 (24%) excellent	4 (12%) average	1 (3%) poor
18 (55%) above average	0 (0%) below average	

## Quality of Academic Experience

Engineering graduates assessed the overall quality of their academic experience. Of the 33 (79%) respondents, 31 (94%) assessed their academic experience as excellent or above average. This reflects a 10 percentage point increase in comparison with the Class of 2007. The average rating was 4.33.

13 (39%) excellent	2 (6%) average	0 (0%) poor
18 (55%) above average	0 (0%) below average	

# **GRADUATE/PROFESSIONAL SCHOOL**

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

Of the survey respondents direct reporting of graduate school attendance, 12 (29%) 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 22 (52%) attended graduate/professional school after graduation. 17 (40%) of respondents indicated that they applied for graduate/professional school in the first year after graduation. 5 (29%) of those that applied had a contingency plan for if they were not admitted to graduate school.

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

Engineering graduates who indicated they are attending (21 or 29%) or plan to attend (25 or 60%) 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	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
Business	0	0%	6	24%	Medicine	1	5%	0	0%
Education	1	5%	3	12%	Law	0	0%	1	4%
Engineering	9	43%	11	44%	Other	0	0%	3	12%

## **Future Plans for Graduate Study**

25 (60%) Engineering graduates plan to attend graduate/professional school in the future. 23 (92%) of the respondents who intend to pursue further study indicated the timing of their future attendance:

- 5 ( 22%) respondents plan to attend within the first 2 years after graduation.
- 18 ( 78%) respondents plan to attend within 2-4 years after graduation.
- 23 (100%) respondents plan to attend in more than 4-6 years after graduation.

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

12 (100%) of those currently attending responded to the degree level they are pursuing. In addition, 25 (60%) 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	
Masters	10	83%	21	84%
Doctorate	1	8%	3	12%
Professional	1	8%	1	4%