

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

## **Class of 2006-School of Engineering**

A total of 47 School of Engineering graduates were awarded baccalaureate degrees in August 2005, December 2005, and May 2006. 26 (57%) 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 7 (15%) graduates.

### **POST GRADUATION ACTIVITY**

#### **Graduate School Attendance**

A total of 9 (35%) of those who *responded* indicated that they attended graduate school immediately after graduation.

#### **Employment**

26 (100%) respondents indicated they were either working *and/or* attending graduate school in the first year after graduation.

A total of 22 (85%) graduates indicated they are employed. Their employment status is as follows:

21 (81%) indicated they were employed full time

1 (4%) indicated they were employed part time

4 (15%) indicated they were unemployed, but were attending graduate school.

0 (0%) indicated they were both unemployed and not attending graduate school.

### **Average Salaries**

20 (95%) 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 \$49,605. This marks a 6% increase in comparison with the average salary earned by Engineering graduates of the Class of 2005. Salaries ranged from a low of \$37,500 to a high of \$62,500.

### **Fields of Employment**

Students pursue occupations in a variety of career fields. 22 (100%) respondents that answered this item regarding employment fields are employed as follows: (Respondents were permitted to select multiple fields.)

1 (5%) in Business

15 (68%) in Engineering

1 (5%) in other fields

4 (18%) in Education

1 (5%) in Computers

### **Time Span from Graduation to Employment**

21 (95%) of the 22 respondents to this item indicated they had secured employment within six months of graduation; this reflects an 11 percentage point increase in comparison with the Class of 2005.

10 (45%) Engineering graduates secured employment prior to graduation.

21 (95%) respondents secured employment within the first six months after graduation.

22 (100%) respondents secured employment within one year of graduation.

### **Number of Offers**

Of the Engineering graduates employed who responded to this item, 16 (73%) received more than one job offer; this reflects a 14 percentage point increase in comparison to the Class of 2005. The number of employment offers received ranged from 1 to 10, with respondents receiving a mean of 2.71 offers of employment per graduate.

## Job Satisfaction

Using a likert scale of 5 high to 1 low, Engineering graduates indicated the level of satisfaction they felt with their jobs. 21 (85%) 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 4.14.

## Usage of Career Services

22 (85%) respondents indicated they had utilized Career Services during their academic careers. This reflects a 3 percentage point decrease in comparison to the Class of 2005. 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 4.33.

20 (77%) respondents reported utilizing TCNJ recruitment programs (i.e., internship programs and resources, job listings/binders, on-campus recruitment and Career Days). This reflects a 14 percentage point increase in comparison with the Class of 2005.

## Job Search Resources

Engineering graduates utilized a variety of resources to find their employment. Of the 21 (95%) 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.

10 (48%) applied directly to the company.	5 (24%) continued in the same job/internship.
7 (33%) used Career Services and Monster.	3 (14%) used networking.
1 (5%) used an employment agency.	1 (5%) used the internet (other than Monster).
1 (5%) used the newspaper.	3 (14%) 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 26 (100%) respondents:

- 21 (81%) respondents indicated a direct relationship between their academic major and the position they obtained.
- 4 (15%) respondents indicated an indirect relationship between their academic major and the position they obtained.
- 1 (4%) respondents indicated there was no relationship between their academic major and the position they obtained.

## Internship Participation

12 (46%) of Engineering majors who responded to the survey indicated participation in internships for an average of 2.42 semesters. This is an 8 percentage point decrease from the Class of 2005.

## TCNJ's Preparation of Students' for Their Career

Engineering graduates rated how TCNJ prepared them for their current position utilizing a five-point scale\* (i.e., excellent to poor). Of the 26 (100%) respondents, 20 (77%) rated their preparation as excellent or above average. This reflects a 2 percentage point increase in comparison with the Class of 2005.

6 (23%) excellent	6 (23%) average	0 (0%) poor
14 (54%) above average	0 (0%) below average	

## Quality of Academic Experience

Engineering graduates assessed the overall quality of their academic experience. Of the 26 (100%) respondents, 22 (84%) assessed their academic experience as excellent or above average. This reflects a 1 percentage point increase in comparison with the Class of 2005.

10 (38%) excellent	4 (15%) average	0 (0%) poor
12 (46%) above average	0 (0%) below average	

# GRADUATE/PROFESSIONAL SCHOOL

## Current Graduate/Professional School Attendance

Of the survey respondents direct reporting of graduate school attendance, 9 (35%) 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 16 (35%) attended graduate/professional school after graduation.

## Areas of Current & Intended Study

Engineering graduates who indicated they are attending (9 or 35%) or plan to attend (15 or 58%) 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
Arts	0	0%	0	0%	Health Related	0	0%	0	0%
Business	0	0%	7	47%	Medicine	0	0%	1	7%
Communications	0	0%	0	0%	Human/ Social Svcs	0	0%	0	0%
Education	2	22%	3	20%	Law/Law Related	0	0%	0	0%
Engineering	7	78%	3	20%	Nursing	0	0%	0	0%
Computers	0	0%	1	7%	Science	0	0%	0	0%
Government	0	0%	0	0%	Other	0	0%	1	7%

## Future Plans for Graduate Study

15 (58%) Engineering graduates plan to attend graduate/professional school in the future. 14 (93%) of graduates indicated the timing of their future attendance in graduate school:

10(71%) respondents plan to attend within the first 3 years after graduation.

4 (29%) respondents plan to attend within 5 years after graduation.

0 (0%) respondents plan to attend in more than 5 years after graduation.

## Current Degrees and Highest Degree Level Sought

9 (100%) of those currently attending responded to the degree level they are pursuing. In addition, 24(92%) graduates 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	
	Number	Percent	Number	Percent
Masters	8	89%	19	79%
Specialist	0	0%	0	0%
Doctorate	1	11%	4	17%
Professional	0	0%	1	4%

*\* Percentage reflects percent of those who responded to this item.*