

Class of 2018 – School of Engineering Post-Graduation Activity



Employment

Information was obtained for 85.3% (99/116) of School of Engineering graduates. 75.7% (75/99) were employed full-time only, 8.1% (8/99) were employed full-time and attending graduate school, 0% (0/99) were employed part-time only, 1.0% (1/99) were employed part-time and attending graduate school, 15.2% (15/99) were attending graduate school only, and 0% (0/99) were unemployed.

Function of Employment

81 graduates specified which functions their careers fell into:

7 (8.6%) in Business

1 (1.2%) in Consulting

6 (7.5%) in Computer Science

2 (2.5%) in Data Analytics

7 (8.6%) in Education

57 (70.4%) in Engineering

1 (1.2%) in Other

Average Salaries

Salary information was available for 76 graduates who were employed full-time. Salary information was based on a range from “\$24,999 and under” to “\$110,000 and more” with \$4,999 intervals. The average salary for these graduates was \$65,650. This is a 0.8% increase from 2017. There was no statistically significant difference between the average salary for males (\$66,000) and the average salary for females (\$65,000).

Number of Job Offers

Of the 71 contributors who provided information about job offers, all 71 received one or more job offers and 57.7% (41/71) received two or more job offers.

Primary Major and Position Obtained

Of 81 contributors, 70.4% (57/81) indicated that their major was directly related to their obtained position and 29.6% (24/81) indicated their major was indirectly related.

Internship Participation

85.5% (65/76) participated in an internship for at least one semester during their time at TCNJ, while 46.1% (35/76) of them participated in internships for two or more semesters.

Graduate/Professional School

24.2% (24/99) were currently attending graduate school.

Future Plans for Study

29 graduates indicated that they had plans for beginning graduate school in the next few years:

- 17 plan to attend graduate school within 2 years.
- 8 plan to attend graduate school within 4 years.
- 4 plan to attend graduate school within 6 years.

Degrees Being Sought

39 graduates indicated that they were planning on (if not actively) pursuing further degrees in the future:

- 1 is/will be seeking a Bachelor's Degree.
- 30 are/will be seeking a Master's Degree.
- 4 are/will be seeking a Professional Degree.
- 4 are/will be seeking a Doctoral Degree.

Career/Graduate Preparedness and Academic Satisfaction

Contributors rated how well they felt TCNJ prepared them for their career and graduate/professional school, and their satisfaction with their academic experience at TCNJ. Their ratings were based on a 5-point Likert scale (1 = Poor, 5 = Excellent):

	Poor	Below Average	Average	Above Average	Excellent	Total	Average Rating
Career	0 (0%)	2 (5.9%)	7 (20.6%)	17 (50.0%)	8 (23.5%)	34	3.91
Graduate School	0 (0%)	0 (0%)	2 (22.2%)	6 (66.7%)	1 (11.1%)	9	3.89

**Salaries – School of Engineering
Class of 2018**

<u>Major Field of Study</u>	<u>Average Salary</u>
Biomedical Engineering (14)	\$62,500
Civil Engineering (18)	\$66,950
Computer Engineering (8)	\$81,250
Electrical Engineering (5)	\$66,000
Mechanical Engineering (21)	\$61,650
Engineering Science (5)	\$72,500
Technology Education (5)	\$57,000

Mean – \$65,650

Salary information obtained on full-time employed graduates: 76/83 (91.6%)

Job Titles & Employers - School of Engineering Class of 2018

Major Field of Study	Full Time Job Titles	Full Time Employer
Biomedical Engineering	Associate Device Engineer	Pfizer
Biomedical Engineering	Associate Engineer	R&Q Solutions
Biomedical Engineering	Associate Engineer	Regulatory & Quality Solutions LLC
Biomedical Engineering	Development Systems Engineer	Celgene Corporation
Biomedical Engineering	Device Development Engineer	Celgene Corporation
Biomedical Engineering	DevOps Consultant	FDM Group
Biomedical Engineering	Manufacturing Associate	Celgene Corporation
Biomedical Engineering	Manufacturing Associate	Celgene Corporation
Biomedical Engineering	Mechanical Engineer	Jacobs
Biomedical Engineering	Operational Support Specialist	GE Healthcare
Biomedical Engineering	Project Manager	Additive Orthopedics
Biomedical Engineering	QA Inspector	AAA Pharmaceutical Inc.
Biomedical Engineering	QA Specialist	Biotest Pharmaceuticals Corporation
Biomedical Engineering	Quality Assurance Associate	GENEWIZ
Biomedical Engineering	Quality Process Engineer	Ivoclar Vivadent
Biomedical Engineering	Scientific Analyst	Ortho Clinical Diagnostics

Biomedical Engineering

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Civil Engineering	Assistant Field Engineer	Turner Construction Company
Civil Engineering	Construction Engineer	Tectonic
Civil Engineering	Dive Engineer	Boswell Engineering
Civil Engineering	Engineer (Geotechnical)	Maser Consulting
Civil Engineering	Engineer Diver	Boswell Engineering
Civil Engineering	Engineering Assistant	Turner Construction Company
Civil Engineering	Engineering Associate	The Port Authority of NY & NJ
Civil Engineering	Field Engineer	Whiting-Turner Contracting Co.
Civil Engineering	Junior Bridge Engineer	Dewberry
Civil Engineering	Management Associate	Amtrak
Civil Engineering	Project Engineer	The Walsh Group
Civil Engineering	Project Engineer	Whiting-Turner Contracting Co.
Civil Engineering	Site/Civil Design Engineer	Matrix New World Engineering
Civil Engineering	Site/Civil Engineering	Stonefield Engineering
Civil Engineering	Staff Engineer	Langan Engineering
Civil Engineering	Structural Design Engineer	Johnson, Mirmiran and Thompson
Civil Engineering	Scuba Diving Engineer	Boswell Engineering
Civil Engineering	Traffic and Highway Engineer	T&M Associates

Civil Engineering

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Computer Engineering	Applications Developer	AT&T, Inc.
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Computer Engineering	Associate Applications Developer	AT&T, Inc.
Computer Engineering	Associate Member Engineering Staff	Lockheed Martin
Computer Engineering	Embedded System Engineer	Orbcomm, Inc
Computer Engineering	HID Engineer	Apple, Inc.
Computer Engineering	Software and Application Developer	MetLife
Computer Engineering	Software Engineering Associate	Lockheed Martin
Computer Engineering	Web Engineer	Spotify

Computer Engineering **8**

Electrical Engineering	Civilian Engineer	NAVAIR
Electrical Engineering	Electrical Engineer	Keystone Engineering Group, Inc.
Electrical Engineering	Electrical Engineer	LGS Innovations
Electrical Engineering	Electronics Engineer	NAVAIR
Electrical Engineering	Project Associate Engineer	PSE&G

Electrical Engineering **5**

Engineering Science	Assistant Project Manager	Hatzel & Buehler
Engineering Science	Associate Engineer	PSE&G
Engineering Science	Field Engineer	Whiting-Turner
Engineering Science	Project Engineer	Skanska
Engineering Science	Project Manager	Inductotherm
Engineering Science	Teacher	Simon Gratz Mastery Charter HS

Engineering Science **6**

Mechanical Engineering	Associate Project Engineer	Princeton Plasma Physics Lab
Mechanical Engineering	Associate Member of Engineering Staff	Lockheed Martin
Mechanical Engineering	Construction Engineer	Middlesex Water Company
Mechanical Engineering	Design and Development Engineer	Hutchinson Industries
Mechanical Engineering	Electrical Engineer	NAVSEA
Mechanical Engineering	Engineering Associate	Lockheed Martin
Mechanical Engineering	Entry Level Engineer	Caddy Corp
Mechanical Engineering	Global Data Analyst	Bloomberg
Mechanical Engineering	Manufacturing Engineer	Boeing
Mechanical Engineering	Manufacturing Engineer	Boeing
Mechanical Engineering	Mechanical Designer	Stantec
Mechanical Engineering	Mechanical Engineer	Engineering Solutions
Mechanical Engineering	Mechanical Engineer	NAVAIR
Mechanical Engineering	Mechanical Engineer	Picatunny Arsenal
Mechanical Engineering	Mechanical Engineer	Strahman Valves
Mechanical Engineering	Mechanical HVAC/Fire Protection Engineer	Jacobs
Mechanical Engineering	Patent Engineer	Servilla Whitney LLC
Mechanical Engineering	Project Superintendent	Walters Group

Mechanical Engineering	QA Engineer Associate	Lockheed Martin
Mechanical Engineering	R&D Lab Technician	GAF
Mechanical Engineering	Software and Application Developer	MetLife

Mechanical Engineering **21**

Technology Education	Applied Technology Teacher	Westwood Regional Jr/Sr HS
Technology Education	Army Officer	United States Army
Technology Education	Teacher	Mahwah School District
Technology Education	Teacher	Princeton Public Schools
Technology Education	Technology Teacher	Audubon High School
Technology Education	Technology Teacher	North Burlington School District
Technology Education	Technology Teacher	Rahway High School

Technology Education **7**

Graduate Schools and Programs of Study

School of Engineering

Class of 2018

Major Field of Study	Program of Study	Current Graduate School
Biomedical Engineering	Biomedical Engineering	Drexel University
Biomedical Engineering	Osteopathy	Rowan University
Biomedical Engineering	Medicine	Rowan University
Biomedical Engineering	Biomedical Engineering	Rutgers University
Biomedical Engineering	Biomedical Science	Rutgers University
Biomedical Engineering	Biomedical Engineering	Wake Forest University
Biomedical Engineering	Artificial Intelligence	N/A
Biomedical Engineering	7	
Civil Engineering	Civil/Structural Engineering	Johns Hopkins University
Civil Engineering	Commercial Diver	Minnesota Diver Training Center
Civil Engineering	Structural Engineering	U. of Illinois at Urbana-Champaign
Civil Engineering	Water Resources and Envir. Engineering	Villanova University
Civil Engineering	4	
Computer Engineering	Analytics	Georgia Institute of Technology
Computer Engineering	1	
Mechanical Engineering	Mechanical Engineering	Rowan University
Mechanical Engineering	Ocean Engineering	University of Hawaii at Mānoa
Mechanical Engineering	Aerospace Engineering	University of Florida
Mechanical Engineering	Mechanical Engineering	University of Pennsylvania
Mechanical Engineering	Biomedical Engineering and Mechanics	Virginia Polytechnic Institute
Mechanical Engineering	Computer Science	N/A
Mechanical Engineering	6	
Engineering Science	Education	University of Pennsylvania
Engineering Science	1	