

**December 2013 Future Plans Survey  
College of Engineering  
Summary Report**

This report presents summary results from the December 2013 Future Plans Survey for departments in the College of Engineering, followed by summary information on employment and further education for the college as a whole.

**Department Summaries**

The following table provides summary statistics for December 2013 graduates in each of the College of Engineering departments. It includes the number of students in the department who graduated in December 2013 and the number of those students who submitted the Future Plans Survey. It also includes the number of students who indicated that at the time of the survey they had already accepted a full-time position (including military and volunteer work [e.g., Peace Corps]), and the number who indicated they were either attending or planning on attending graduate or professional school in the coming year. Finally, it includes summary statistics on the self-reported salaries of those having accepting full-time employment (excluding internship salaries).

**Table 1: Department Summaries**

Department	Survey Population	Survey Respondents	Response Rate	N Full Time Job	N Grad/ Prof School	25th Percentile Salary	Median Salary	75th Percentile Salary	Average Salary	N Reported Salary
Biomedical Engr	5	3	60.0%	2	1	*	*	*	*	2
Civil Engr	67	42	62.7%	25	6	48,750	51,250	56,250	51,033	23
Chemical Engr	14	7	50.0%	5	1	63,750	71,250	73,750	64,250	5
Computer Science	64	35	54.7%	24	2	61,250	66,250	91,250	72,625	20
Electrical & Computer Engr	72	49	68.1%	26	6	61,250	66,250	73,750	66,359	23
COE Dean's Office	2	2	100.0%	1	.	*	*	*	*	1
Fitts Dept Industr & Syst Engr	15	6	40.0%	4	.	55,000	58,750	67,500	61,250	4
Mechanical & Aerospace Engr	89	47	52.8%	29	5	56,250	58,750	61,250	59,000	25
Materials Engr	2	1	50.0%	1	.	*	*	*	*	1
Nuclear Engr	10	3	30.0%	2	.	*	*	*	*	1
COE Overall	340	195	57.4%	119	21	53,750	61,250	68,750	61,452	105

\*Departments with three or fewer respondents providing salary information have been excluded from the table.

## Full-Time Employment (college overall)

**Table 2: Name of Company/Organization**

Company name	N
3Phoenix	1
AP Solutions, Inc	1
ATI Allvac	1
AWNC	1
Advanced Micro Devices	1
Advantage Conveyor, Inc.	1
Air Force	1
Altec	1
Amazon	3
Anheuser-Busch	1
Axios	1
BE Aerospace	1
Bandwidth	2
Black & Veatch	1
Black and Veatch	1
Booth & Associates, LLC	1
Boskovic & Son, Inc.	1
Brasfield & Gorrie	2
British Petroleum (BP)	1
Bronto Software	1
Brooks Machine & Design	1
Buhler Aeroglide	1
Burns & McDonnell	1
Campus Crusade for Christ	1

Company name	N
Caterpillar	1
CertainTeed	1
Cisco Systems	3
Citrix	1
Clark Construction Group	1
DENSO	1
Danaher- Pelton & Crane	1
Duke Energy Progress	1
E-Z-GO	1
EMC	1
Eastman Chemical Company	1
Eaton	2
Eisai	1
Epic Systems	1
Extreme Networks	2
FDH Engineering	1
Fidelity Investments	4
Garney Construction Company	1
Granite Construction	1
HNTB	1
Hazen and Sawyer	2
HiCaps Inc.	1
Hospira	1
Huntington Ingalls, Newport News Shipbuilding	1
I-cubed	1
IBM	3
International Paper	1

Company name	N
Jupiter Telecommunications Co.	1
Kilian Engineering	1
Kimley-Horn and Associates	1
Kinemax Engineering LLC	1
Lend Lease	1
Masterbrand Cabinets, Inc	1
Microsoft	2
Mohu Consumer Electronics	1
Mulkey Engineers and Consultants	1
NCDOT	1
Nan Ya Plastic Corporation	1
Navair	1
Novozymes	1
Oracle	1
PCL Construction	1
Practichem or LinkedIn	1
Precor	1
Proactive Controls Group	1
ROI Machinery and Automation	1
Ramey Kemp and Associates	1
Robert E Mason Company	1
Robling Medical, Inc.	1
SAS	3
Schneider Electric	2
Shaw Industries	1
Sherwin Williams	1
Southeastern Consulting Engineers	1

Company name	N
SpaceX	1
SuperDroid Robots	1
Thomas Built Bus	1
Tipper Tie, Inc.	1
Tompkins International	1
Toshiba	1
Tower Engineering Professionals	1
Trident Systems	1
US Navy	2
Unifi	1
University of North Carolina	1
VHB	1
WEN TECHNOLOGY	1
Werum Software & Systems America	1
Withers & Ravenel	1

**Table 3: Location of Company (state)**

	N	%
North Carolina	85	73.9
Not sure	5	4.3
Washington	5	4.3
Georgia	3	2.6
Virginia	2	1.7
California	2	1.7
Tennessee	2	1.7
Florida	2	1.7
South Carolina	2	1.7
Texas	2	1.7
Massachusetts	1	0.9
Illinois	1	0.9
District of Columbia	1	0.9
Wisconsin	1	0.9
Alabama	1	0.9

**Table 4: Region of Company (inside/outside NC Triangle)**

	N	%
Triangle	61	55.5
Outside NC	28	25.5
Other NC	21	19.1

**Table 5: Job Title**

Job title	N
Analyst	1
Assistant Engineer	2
Assistant Mechanical Engineer	1
Associate Consultant	1
Associate Engineer	1
Associate Software Engineer	1
Associate Systems Engineer	1
Associate Systems Programmer	1
Associate Technical Consultant	1
BRITE Engineer Trainee	1
Capital Projects Engineer	1
Consultant	1
Coordinator	1
Customer Support Engineer	1
Design Engineer	7
EIT	1
Electrical Engineer	4
Engineer	5
Engineer II - Mechatronics	1
Engineer III	1
Engineer or Site Reliability Engineer	1
Engineering Technical Professional Development Program	1
Engineering Technician	1
Enlisted	1
Estimator	2

Job title	N
Facilities Engineer	1
Field Engineer	2
Group Manager	1
Integrated Systems and Controls Engineer	1
Intern	1
Intern Traffic Engineer	1
Jr. Design Engineer	1
LEAP Software Engineer	1
MORE Analyst	1
Manager	1
Manufacturing Engineer	3
Mechanical Design Engineer	1
Mechanical Engineer	3
Mechanical Engineer II	1
Medium Voltage Switchgear Engineering Technician	1
Metallurgical Engineer 2	1
Network Engineer	1
Nuclear Machinist Mate	1
Nuclear Plant OPs	1
Nuclear Surface Warfare Officer	1
Office Engineer	1
Operational Management Trainee	1
Power Delivery Engineer	1
Power Systems Automation Engineer	1
Process Engineer	1
Process Improvement Engineer	2
Product Development Engineer	1



Job title	N
Program Manager 2	1
Project Engineer	6
Reliability Engineer	1
Robotics Engineer	1
Sales Engineer for Specialty Fluids and Intermediates	1
Sales Engineering Development Program	1
Senior Associate Software Developer	1
Senior Designer	1
Senior Project Engineer	1
Software Consultant	2
Software Developer	7
Software Development Engineer	3
Software Engineer	9
Supervisor	1
Systems Engineer	2
Technical Support Analyst	1
Technical Support Engineer	2
Transportation Associate	1
Transportation Engineering Associate	1

**Table 6: Resources Used to Help Get/Locate Job**

	N	%
Career fair at NC State	61	51.3
Internship/externship	58	48.7
Applied for job via ePack	36	30.3
Campus Career Center	30	25.2
On-campus interviewing	25	21.0
Co-op experience	22	18.5
Personal connection(s) within the company	18	15.1
Employer info session on campus	16	13.4
Family/friends/classmates/co-workers	16	13.4
Other	15	12.6
Employer found resume on ePack	10	8.4
Internet	10	8.4
Consultation with NCSU Career Counselor/Coach	8	6.7
Professional society	4	3.4
Faculty member or found job listing in an NC State dept	3	2.5
Staffing agency	3	2.5
Career fair off campus	2	1.7
Student teaching experience	1	0.8

\*Respondents could select more than one resource.

**Further Education (college overall; only among those accepted and enrolling)**

**Table 7: Name of Graduate/Professional School Students will be Attending**

	N
NC State University	11
University of Illinois	1
University of Illinois at Urbana-Champaign	1

**Table 8: Location of Graduate/Professional School Students will be Attending**

	N	%
North Carolina	11	84.6
Illinois	2	15.4

**Table 9: Type of Degree**

	N	%
Master's	12	92.3
Doctoral	2	15.4

\*Respondents could select more than one degree.

**Table 10: Master's Degree**

	N
MCRP	5
ME	2
MS	4
MSME	1

**Table 11: Doctoral Degree**

	N
PhD	2

**Table 12: Academic Program\***

	N
Civil Engineering	2
Civil and Environmental Engineering	1
Computer Engineering	1
Computer Networking	2
Electrical Engineering	1
Electrical Engineering Ph.D	1
Geotechnical Engineering	1
MSME	1
Master of Civil Engineering	1
Masters in Electrical Engineering	1
Mechanical Engineering	1

\*Academic program has not been cleaned. Responses are verbatim.

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