

# December 2012 Future Plans Survey

## College of Engineering

### Department Summary

This report presents summary results from the December 2012 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 2012 graduates in each of the College of Engineering departments. It includes the number of students in the department who had applied to graduate in December 2012 (as of December 14, 2012) 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.

**Table 1: Department Summaries**

	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
<b>Biomedical Engineering</b>	8	5	62.5%	2	1	**	**	**	**	2
<b>Civil Engineering</b>	65	46	70.8%	30	4	\$43,750	\$46,250	\$51,250	\$47,708	30
<b>Chemical Engineering</b>	19	12	63.2%	6	1	\$61,250	\$63,750	\$73,750	\$72,000	5
<b>Computer Science</b>	61	31	50.8%	25	6	\$57,500	\$61,250	\$66,250	\$65,729	24
<b>Electrical &amp; Computer Engr</b>	74	45	60.8%	34	5	\$56,250	\$66,250	\$71,250	\$64,833	30
<b>Fitts Dept Industr &amp; Syst Engr</b>	15	11	73.3%	8	.	\$57,500	\$66,250	\$66,250	\$63,125	8
<b>Mechanical &amp; Aerospace Engr</b>	95	37	38.9%	23	8	\$58,750	\$61,250	\$63,750	\$59,545	22
<b>Materials Engineering</b>	3	1	33.3%	.	1	.	.	.	.	.
<b>Nuclear Engineering</b>	5	2	40.0%	.	.	.	.	.	.	.
<b>COE Overall</b>	345	190	55.1%	128	26	\$51,250	\$61,250	\$66,250	\$59,680	121

\*The number of students who had applied to graduate in December 2012 as of December 14, 2012.

\*\*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

	<b>N</b>
ATI Industrial Automation	1
Albemarle	1
Apple	1
Arrowline Pavement Markings	1
Askew Taylor Paints	1
B&V	1
BMW	1
BW&A	1
Bandwidth.com	1
Barrett Woodyard and Associates	1
Baseline Controls	1
Black & Veatch	1
Blackbaud	2
Boeing	1
Burt's Bees	1
CITI LLC	1
CRB Consulting Engineers	1
Cadence Design Systems	1
Caterpillar	2
Cisco	3
City of Raleigh	1
Cooper Standard Automotive	1
Crowder Construction Company	1
Cummins	1
Dashiell	1
Deere-Hitachi	2
Deloitte Consuting	1
Denso	1

**Table 2: Name of company/organization, *continued***

Duke Energy	2
EPA	1
Eaton Corporation	1
Eberhart Construction	1
Elcom Sales	1
Entrinsik	1
ExxonMobil	2
FDH Engineering	2
Federal Government	1
Fidelity Investments	1
Fluhrer Reed, PA	1
GXi Outdoor Power	1
General Electric	2
Google	3
Hipp Engineering and Consulting	1
I-Cubed	1
IBM	5
International Paper	1
Johns Hopkins University Applied Physics Laboratory	1
Johnson Controls	1
K2M	1
KapStone Paper	1
Kimley-Horn and Associates	3
Lenovo	2
MC Dean	1
Mainstream Engineering	1
Manhattan Associates	1
McDonough Bolyard Peck	1
Microsoft	1
Moore & Van Allen	1

**Table 2: Name of company/organization, *continued***

	<b>N</b>
<b>Mutual Builder Inc.</b>	1
<b>NC Department of Transportation</b>	6
<b>NC State University</b>	3
<b>Navy</b>	1
<b>NetApp</b>	3
<b>Newell Rubbermaid</b>	1
<b>Norfolk Southern</b>	3
<b>Peace Corps</b>	1
<b>Premier Healthcare Alliance</b>	2
<b>Prometheus Group</b>	2
<b>Research In Motion</b>	1
<b>SAS Institute</b>	1
<b>SPX Hydraulic Technology</b>	1
<b>Smith Gardner Inc</b>	1
<b>Stantec Inc.</b>	1
<b>Tekelec</b>	1
<b>Thomas Built Buses</b>	2
<b>Timken</b>	1
<b>Tognum America</b>	1
<b>Toshiba Global Commerce Solutions</b>	1
<b>Tower Engineering Professionals</b>	2
<b>TriTek Solutions</b>	1
<b>US Air Force</b>	1
<b>US Army Corps of Engineers</b>	1
<b>Unifi, inc</b>	1
<b>Vanguard</b>	1
<b>Verizon Wireless</b>	2
<b>Vertical Solutions, Inc.</b>	1
<b>Wake Forest University</b>	1

**Table 2: Name of company/organization, *continued***

	<b>N</b>
<b>WebAssign</b>	1
<b>Zachry Construction Corporation</b>	1

**Table 3: Region of Company (inside/outside NC Triangle)**

	<b>N</b>
<b>Triangle</b>	61
<b>Other NC</b>	23
<b>Outside NC</b>	39

**Table 4: Location of Company (state)**

	<b>N</b>
<b>California</b>	5
<b>District of Columbia</b>	4
<b>Florida</b>	1
<b>Georgia</b>	4
<b>Illinois</b>	1
<b>Kentucky</b>	1
<b>Maryland</b>	2
<b>Missouri</b>	1
<b>North Carolina</b>	87
<b>Ohio</b>	2
<b>South Carolina</b>	5
<b>Tennessee</b>	1
<b>Texas</b>	3
<b>Virginia</b>	5
<b>Washington</b>	1
<b>West Virginia</b>	2
<b>Not sure</b>	2

**Table 5: Resources used to help get/locate job**

	<b>N</b>
<b>Internship/externship</b>	63
<b>Career fair at NC State</b>	62
<b>Applied for job via ePack</b>	51
<b>Campus Career Center</b>	40
<b>On-campus interviewing</b>	37
<b>Co-op experience</b>	35
<b>Personal connection(s) within the company</b>	23
<b>Employer found resume on ePack</b>	18
<b>Family/friends/classmates/co-workers</b>	17
<b>Employer info session on campus</b>	13
<b>Internet</b>	11
<b>Consultation with NCSU Career Counselor/Coach</b>	8
<b>Faculty member or found job listing in an NC State dept</b>	7
<b>Professional society</b>	5
<b>Student teaching experience</b>	2
<b>Other</b>	6

Note: Respondents could select more than one response option.

## Further Education (college overall)

Table 6: Name of Graduate/Professional School Students will be Attending (*only among those accepted and enrolling*)

	<b>N</b>
<b>NC State University</b>	14
<b>UNC Charlotte</b>	1
<b>University of Copenhagen</b>	1
<b>University of Wisconsin-Madison</b>	1

For more information on the December 2012 Future Plans Survey contact:  
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