

# Post Graduation Activities

## College of Engineering

The Pennsylvania State University  
Class of December 2007 – August 2008

**College of Engineering Post Graduation Activities by Degree**

		Post-graduation Plans					
		Employment		Further Education		Personal Goals	
		Count	Percent	Count	Percent	Count	Percent
Associate	Male	1	100.0%				
Bachelor	Male	203	79.0%	52	20.2%	2	.8%
	Female	69	85.2%	12	14.8%		
	Prefer not to answer	2	100.0%				
Master	Male	55	87.3%	8	12.7%		
	Female	14	82.4%	2	11.8%	1	5.9%
Doctoral	Male	20	95.2%	1	4.8%		
	Female	3	100.0%				

**Status of College of Engineering Graduates who Selected "Employment"  
as their Primary Post-Graduation Goal**

		Employment Status					
		Full time		Part time		Seeking Employment	
		Count	Percent	Count	Percent	Count	Percent
Associate	Male	1	100.0%				
Bachelor	Male	196	96.6%	2	1.0%	5	2.5%
	Female	67	97.1%			2	2.9%
	Prefer not to answer	2	100.0%				
Master	Male	53	96.4%			2	3.6%
	Female	13	92.9%			1	7.1%
Doctoral	Male	20	100.0%				
	Female	3	100.0%				

**College of Engineering Average Starting Salaries by Degree**

		Salary				
		Valid N	Average	50th Percentile	25th Percentile	75th Percentile
Associate	Male	N=1	53,000	53,000	53,000	53,000
	Total	N=1	53,000	53,000	53,000	53,000
Bachelor	Male	N=194	53,383	53,000	49,000	57,825
	Female	N=66	54,696	56,200	50,860	58,379
	Prefer not to answer	N=2	65,000	65,000	55,000	
	Total	N=262	53,802	54,000	49,920	58,226
Master	Male	N=51	64,679	60,000	55,000	70,000
	Female	N=12	61,561	61,000	51,250	71,875
	Total	N=63	64,085	60,000	53,000	70,000
Doctoral	Male	N=19	76,042	76,000	66,100	96,000
	Female	N=3	71,000	75,000	55,000	
	Total	N=22	75,355	75,500	64,575	87,750

**Job Hunting Methods Used by Employed College of Engineering Graduates**

		Degree Received							
		Associate		Bachelor		Master		Doctoral	
		Count	Column %	Count	Column %	Count	Column %	Count	Column %
Method/Source	Heard about job from a friend			27	10.2	7	10.4	5	21.7
	Heard about job from PSU alum			18	6.8	5	7.5	1	4.3
	Career Services	1	100.0	53	19.9	9	13.4	2	8.7
	Penn State Career Fair	1	100.0	115	43.2	23	34.3	4	17.4
	Academic or Faculty Referral			12	4.5	7	10.4	7	30.4
	Worked previously for employer (co-op, intern, or part-time)			65	24.4	17	25.4	7	30.4
	Web advertisement			21	7.9	4	6.0	6	26.1
	Print ad (newspaper, magazine)			3	1.1	2	3.0	1	4.3
	Employment agency			8	3.0			1	4.3
	Cold call/application			10	3.8	3	4.5	1	4.3
	Other			27	10.2	15	22.4		

Percent of total responses. A respondent might have used more than one method.

**College of Engineering Post-Graduation Activity by Department/Program**

		Post-graduation Plans					
		Employment		Further Education		Personal Goals	
		Count	Percent	Count	Percent	Count	Percent
Bachelor	AERSP Aerospace Engineering	23	82.1%	5	17.9%		
	A B E Agricultural & Biological Eng	4	66.7%	2	33.3%		
	A E Architectural Engineering	14	100.0%				
	BIO E Bioengineering	5	41.7%	7	58.3%		
	CH E Chemical Engineering	26	86.7%	4	13.3%		
	C E Civil Engineering	50	96.2%	2	3.8%		
	CMPEN Computer Engineering	12	66.7%	5	27.8%	1	5.6%
	CMPSC Computer Science	12	70.6%	5	29.4%		
	E E Electrical Engineering	30	78.9%	8	21.1%		
	E SC Engineering Science	1	16.7%	5	83.3%		
	I E Industrial Engineering	33	84.6%	6	15.4%		
	M E Mechanical Engineering	59	81.9%	13	18.1%		
	NUC E Nuclear Engineering	5	62.5%	2	25.0%	1	12.5%
	Other/Not Listed	1	100.0%				
	Master	AERSP Aerospace Engineering	5	62.5%	3	37.5%	
A B E Agricultural & Biological Eng		1	100.0%				
A E Architectural Engineering		18	94.7%	1	5.3%		
C E Civil Engineering		8	100.0%				
CSE Computer Science & Eng		2	66.7%	1	33.3%		
E E Electrical Engineering		9	90.0%	1	10.0%		
E SC Engineering Science		2	66.7%	1	33.3%		
ENV E Environmental Engineering		1	100.0%				
I E Industrial Engineering		10	100.0%				
M E Mechanical Engineering		7	77.8%	2	22.2%		
NUC E Nuclear Engineering		1	100.0%				
Other/Not Listed		6	66.7%	2	22.2%	1	11.1%

**College of Engineering Post-Graduation Activity by Department/Program**

		Post-graduation Plans					
		Employment		Further Education		Personal Goals	
		Count	Percent	Count	Percent	Count	Percent
Doctoral	A B E Agricultural & Biological Eng	1	100.0%				
	A E Architectural Engineering	1	100.0%				
	CH E Chemical Engineering	3	100.0%				
	CSE Computer Science & Eng	6	100.0%				
	E E Electrical Engineering	4	100.0%				
	E SC Engineering Science	1	100.0%				
	I E Industrial Engineering	1	50.0%	1	50.0%		
	M E Mechanical Engineering	3	100.0%				
	NUC E Nuclear Engineering	3	100.0%				

**Status of College of Engineering Sciences Graduates who selected "Employment"  
as their Primary Post-Graduation Goal by Department/Program**

		Employment Status					
		Full time		Part time		Seeking Employment	
		Count	Percent	Count	Percent	Count	Percent
Bachelor	AERSP Aerospace Engineering	23	100.0%				
	A B E Agricultural & Biological Eng	4	100.0%				
	A E Architectural Engineering	13	92.9%			1	7.1%
	BIO E Bioengineering	5	100.0%				
	CH E Chemical Engineering	25	96.2%			1	3.8%
	C E Civil Engineering	49	98.0%			1	2.0%
	CMPEN Computer Engineering	11	91.7%			1	8.3%
	CMPSC Computer Science	12	100.0%				
	E E Electrical Engineering	27	90.0%	2	6.7%	1	3.3%
	E SC Engineering Science	1	100.0%				
	I E Industrial Engineering	33	100.0%				
	M E Mechanical Engineering	57	96.6%			2	3.4%
	NUC E Nuclear Engineering	5	100.0%				
	Other/Not Listed	1	100.0%				
Master	AERSP Aerospace Engineering	5	100.0%				
	A B E Agricultural & Biological Eng	1	100.0%				
	A E Architectural Engineering	18	100.0%				
	C E Civil Engineering	8	100.0%				
	CSE Computer Science & Eng	2	100.0%				
	E E Electrical Engineering	8	88.9%			1	11.1%
	E SC Engineering Science	2	100.0%				
	ENV E Environmental Engineering	1	100.0%				
	I E Industrial Engineering	8	80.0%			2	20.0%
	M E Mechanical Engineering	7	100.0%				
	NUC E Nuclear Engineering	1	100.0%				
	Other/Not Listed	6	100.0%				

**Status of College of Engineering Sciences Graduates who selected "Employment"  
as their Primary Post-Graduation Goal by Department/Program**

		Employment Status					
		Full time		Part time		Seeking Employment	
		Count	Percent	Count	Percent	Count	Percent
Doctoral	A B E Agricultural & Biological Eng	1	100.0%				
	A E Architectural Engineering	1	100.0%				
	CH E Chemical Engineering	3	100.0%				
	CSE Computer Science & Eng	6	100.0%				
	E E Electrical Engineering	4	100.0%				
	E SC Engineering Science	1	100.0%				
	I E Industrial Engineering	1	100.0%				
	M E Mechanical Engineering	3	100.0%				
	NUC E Nuclear Engineering	3	100.0%				

**College of Engineering Average Starting Salaries by Department/Program**

		Salary				
		Valid N	Average	50th Percentile	25th Percentile	75th Percentile
Bachelor	AERSP Aerospace Engineering	N=23	53,425	52,000	49,000	60,000
	A B E Agricultural & Biological Eng	N=4	49,132	48,145	43,248	56,005
	A E Architectural Engineering	N=13	52,538	52,000	50,000	54,500
	BIO E Bioengineering	N=5	54,700	59,000	47,500	59,750
	CH E Chemical Engineering	N=25	54,266	57,000	48,350	63,500
	C E Civil Engineering	N=49	48,477	48,100	45,000	51,500
	CMPEN Computer Engineering	N=11	56,705	58,000	50,000	60,000
	CMPSC Computer Science	N=12	57,583	57,250	54,125	60,250
	E E Electrical Engineering	N=26	56,995	56,700	50,000	64,025
	E SC Engineering Science	N=1	69,000	69,000	69,000	69,000
	I E Industrial Engineering	N=33	54,927	56,000	51,200	59,152
	M E Mechanical Engineering	N=54	54,661	54,750	50,000	57,000
	NUC E Nuclear Engineering	N=5	58,680	57,600	56,400	61,500
	Other/Not Listed	N=1	59,076	59,076	59,076	59,076
	Master	AERSP Aerospace Engineering	N=5	61,400	62,000	49,500
A E Architectural Engineering		N=17	52,353	52,000	47,500	56,000
C E Civil Engineering		N=8	58,656	55,000	50,500	61,000
CSE Computer Science & Eng		N=2	82,500	82,500	80,000	
E E Electrical Engineering		N=8	74,967	67,500	63,309	90,000
E SC Engineering Science		N=2	73,200	73,200	68,000	
ENV E Environmental Eng		N=1	60,000	60,000	60,000	60,000
I E Industrial Engineering		N=6	67,917	70,000	58,750	74,375
M E Mechanical Engineering		N=7	68,571	65,000	60,000	80,000
NUC E Nuclear Engineering		N=1	90,000	90,000	90,000	90,000
Other/Not Listed		N=6	70,417	63,500	54,875	86,750

**College of Engineering Average Starting Salaries by Department/Program**

		Salary				
		Valid N	Average	50th Percentile	25th Percentile	75th Percentile
Doctoral	A B E Agricultural & Biological Eng	N=1	55,000	55,000	55,000	55,000
	A E Architectural Engineering	N=1	75,000	75,000	75,000	75,000
	CH E Chemical Engineering	N=3	65,567	68,000	45,700	
	CSE Computer Science & Eng	N=6	94,333	98,000	82,500	102,500
	E E Electrical Engineering	N=4	83,500	80,500	76,750	93,250
	E SC Engineering Science	N=1	60,000	60,000	60,000	60,000
	I E Industrial Engineering	N=1	55,000	55,000	55,000	55,000
	M E Mechanical Engineering	N=2	49,500	49,500	25,000	
	NUC E Nuclear Engineering	N=3	72,367	75,000	66,100	