

# It's a Great Time to Study Engineering

As expected, we saw a slight dip in our placement numbers during the recent economic down turn. But the federal government, environmental remediation, and alternative energy industries will be leading the hiring for the upcoming years. Despite fears that many American companies are looking overseas for development of new technology, the rapid advance of ideas and the need for constant upgrades assure U.S. engineering graduates of consistent job security over the next ten years especially in the defense sector. Years ago, engineering graduates from the College of Engineering at Colorado State University may have found lifetime positions with a

single company. More recently, however, they are increasingly taking multiple jobs throughout their careers, moving among fields as diverse as management, marketing, or finance. Globalization is also a major trend in engineering hiring. Just as the U.S. has turned overseas as a source of cheap labor and products, there is growing demand from employers and students alike for international experience. Programs like our internship exchange program provide our CSU student an opportunity to work overseas and also welcomes international students into our labs for the summer months.

## College Of Engineering Graduates

Where are they now? (2006-2011)	Chem & Bio	Civil	Computer	Electrical	Engineering Science	Environmental	Mechanical	Total
Employed at graduation	36%	51%	64%	55%	52%	40%	47%	48%
Attending graduate/professional school	23%	19%	7%	13%	7%	38%	14%	16%
Other (start business/military/public service)	9%	9%	15%	11%	19%	7%	11%	11%
Overall Placement	68%	79%	86%	79%	78%	85%	72%	75%

Top Employers (2006-2011)	Chem & Bio	Civil	Computer	Electrical	Engineering Science	Environmental	Mechanical	Total
Schlumberger	5	5	0	0	0	0	14	24
Lockheed Martin	1	0	3	3	0	0	7	14
Wolf Robotics	0	0	0	1	0	0	11	12
Saudi Aramco	4	0	0	4	0	0	3	11
Woodward	0	0	1	2	0	0	8	11
Hewlett Packard	0	1	4	2	0	0	2	9
SA Technology	0	0	0	0	1	0	7	8
Pearl Harbor Shipyard	0	1	0	0	0	0	6	7
IM Flash Technology	6	0	0	0	0	0	0	6
Agilent	0	0	2	3	0	0	0	5

**Important Dates:**

**Engineering Exploration Day**

Visit day for high school students  
 Saturday, February 11, 2012  
 Get more information at  
[www.engr.colostate.edu/explore](http://www.engr.colostate.edu/explore)

**5280 CSU Engineering Showcase**

Learn more about CSU's engineering programs without leaving the Denver area  
 January 28, 2012  
 Marriott Denver Tech Center  
<http://www.engr.colostate.edu/5280>

**Engineering Trends:**

Our engineering graduates continue to do exceedingly well on the Fundamental of Engineering Exam passing at a rate higher than the national average.

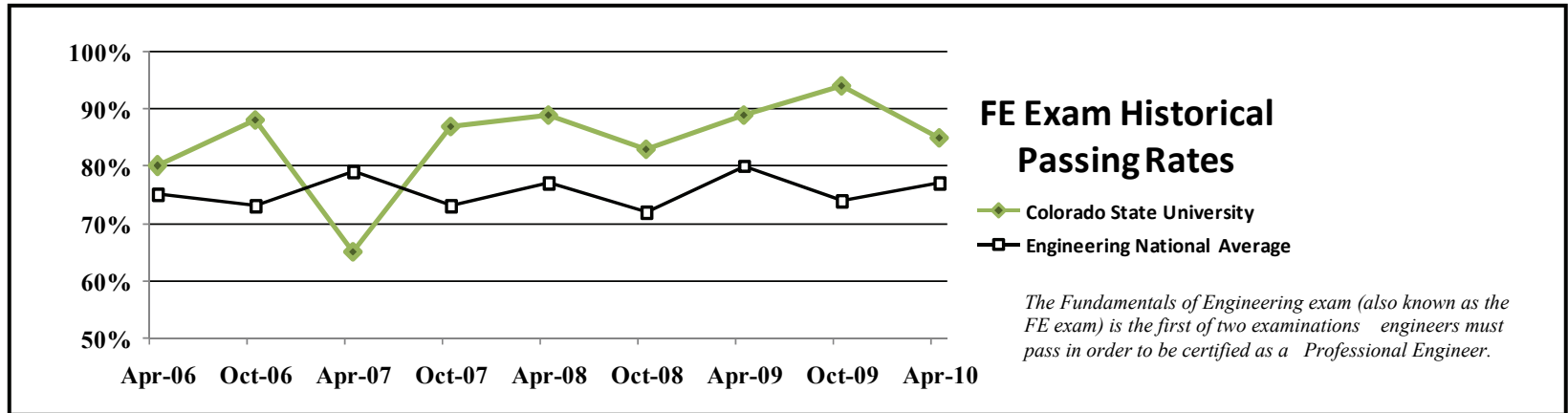
**Top Skills and Traits Sought By Employers:**

The Fundamentals of Engineering exam (also known as the FE exam) is the first of two examinations engineers must pass in order to be certified as a Professional Engineer.

**Top skills & traits sought by employers**

- 1) Communication Skills
- 2) Honesty/Integrity/Ethics
- 3) Teamwork Skills
- 4) Interpersonal Skills
- 5) Motivation/Initiative

**Data Points for December 2010 and May 2011 Graduates**



Starting Salaries	Chem & Bio	Civil	Computer	Electrical	Engineering Science	Environmental	Mechanical	Total
2010-2011	\$64,800	\$53,300	\$70,600	\$63,300	\$51,500	\$52,500	\$58,700	\$58,600
2009-2010	\$64,000	\$47,200	\$68,000	\$59,300	\$58,300	\$44,000	\$54,000	\$53,900
2008-2009	\$68,000	\$51,000	\$63,000	\$58,000	\$53,000	\$50,000	\$54,000	\$57,000
2007-2008	\$56,000	\$50,000	\$65,000	\$59,000	\$64,000	\$53,000	\$56,000	\$58,000
2006-2007	\$51,000	\$48,000	\$61,000	\$52,000	\$40,000	\$58,000	\$54,000	\$52,000

**Questions ?**

Engineering Careers: Terry Comerford, College of Engineering Career Counselor, [terry.comerford@colostate.edu](mailto:terry.comerford@colostate.edu).  
 Visiting the College: Call (970) 491-0943 or request a visit at [www.engr.colostate.edu/tours.php](http://www.engr.colostate.edu/tours.php)