

**UCF CIVIL AND ENVIRONMENTAL ENGINEERING  
EMPLOYER SURVEY 2002**

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Mrs. Kathleen Coleman**

**OEAS-SR-02-007  
October 29, 2002**

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## **ABSTRACT**

An employer survey was conducted of employers of graduates from the UCF Civil and Environmental Engineering Department in the Spring of 2002. An older version of the survey was revised by the UCF Office of Operational Excellence and Assessment Support (OEAS) to assess the educational outcomes of Civil and Environmental Engineering graduates, both undergraduate and graduate. The support provided by OEAS included revising the survey and preparing documentation of the survey results. The staff of the UCF Civil and Environmental Engineering Department was responsible for the distribution and collection of surveys.

Thirty-two (32) employers responded to the survey. Overall, employers of graduates of the UCF Civil and Environmental Engineering department were satisfied with the job performance of these graduates. Seventy-four percent (74%) of Civil Engineering and 60% of Environmental Engineering employers indicated that the overall job performance of these graduates was either 'Excellent' or 'Very good.' Employers indicated that opportunities exist to increase preparation of UCF CEE graduates in oral and written communication skills, and in critical thinking skills.

## **Acknowledgements**

Special thanks go to Dr. Manoj Chopra, Assistant Chair, UCF Department of Civil and Environmental Engineering, and his assistant Carol Ann Pohl for their assistance in the writing and administration of the UCF Civil and Environmental Engineering Employer Survey 2002.

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## 1.0 INTRODUCTION AND BACKGROUND

The UCF Office of Operational Excellence and Assessment Support (OEAS) was contacted by Dr. Manoj Chopra, assistant chair of the UCF Civil and Environmental Engineering Department (CEE), in the Fall of 2001 for assistance in revising an Employer survey. Data from the survey is to be used to assess whether the Civil and Environmental Engineering programs are meeting their educational outcome objectives.

## 2.0 DESCRIPTION OF THE SURVEY AND ANALYSES CONDUCTED

The UCF Civil and Environmental Engineering Alumni Survey, as revised by OEAS, gathers general demographic information on employers such as how many graduates they have hired from UCF CEE, from which program are the graduates, the typical salary offered graduates, and the type of organization they represent. In addition, employers are asked to rate their overall experience with graduates of the programs, the level of importance they attribute to a list of work skills, and their satisfaction with how well graduates of UCF CEE meet those skills.

The survey results were hand-entered by OEAS staff into SPSS (Statistical Package for the Social Sciences) for data analysis. Frequency tables displaying percentages and counts were produced.

## 3.0 METHODOLOGY FOR ADMINISTRATION OF THE SURVEYS

In Spring 2002, survey instruments were mailed to 175 employers who had hired graduates from the UCF Civil and Environmental Engineering programs. Six of these instruments were returned as undeliverable; therefore, the effective target sample was 169 employers. Of these, 32 surveys were returned, yielding a response rate of 18.9%.

## 4.0 RESULTS

### 4.1 Employer Profile

Of the surveys returned, 23 employers indicated that they had employed at least one employee with a degree in Civil Engineering from UCF and 10 employers indicated that they had employed at least one employee with a degree in Environmental Engineering. Five employers indicated that they had employed both employees with Civil Engineering and Environmental Engineering degrees, and four employers did not indicate how many UCF Civil or Environmental Engineering employees were hired within the past two years.

**Table 1: Number of Employees Hired Within Last Two Years by Program**

		Cases	Col Response %
Program of employees hired from UCF CEE w/i last 2 years	Civil	23	82.1%
	Environmental	10	35.7%
Total		28	117.9%

The average starting salary of UCF Civil and Environmental graduates right out of college ranges from approximately \$34,000 to \$41,000 a year for the employers who responded to the survey. Graduates with an advanced degree make slightly more than those going to work with a bachelor's, and the employers surveyed offer Civil Engineers slightly more money than Environmental Engineers.

**Table 2: Average Starting Salary of UCF CEE Graduates Right Out of College**

	Mean \$
Civil Bachelors Degree	36,531
Civil Advanced Degree	41,457
Environmental Bachelors Degree	34,355
Environmental Advanced Degree	39,629

The majority of employers who responded to this survey work in 'Consulting.'

**Table 3: Sector of Organization's Primary Work**

			Total	Civil	Environmental
In which sector is your organization's primary work?	Consulting	Col %	90.6%	91.3%	80.0%
	Non-regulatory governmental	Col %	9.4%	8.7%	20.0%
Total	Col %		100.0%	100.0%	100.0%
	Count		32	23	10

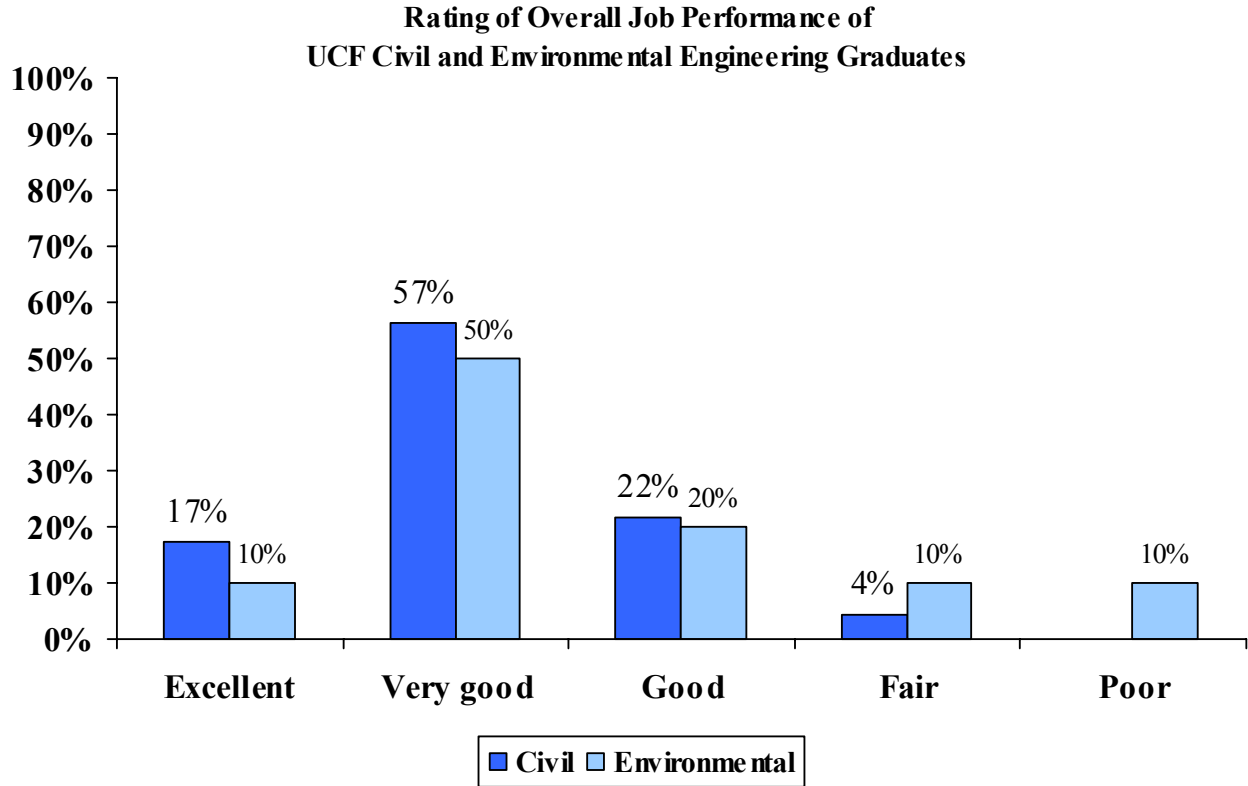
There is no field that predominates the work of the employers surveyed. Comparing the data by programs, however, illustrates that employers of Civil Engineers are more likely to be in 'Structures' and 'Transportation', and employers of Environmental Engineers are more likely to be in 'Solid Waste' and 'Regulatory' work.

**Table 4: Field of Organization's Primary Work**

			Total	Civil	Environmental
In which field is your organization's primary work?	Water/Wastewater	Col %	21.9%	13.0%	20.0%
	Water Resources	Col %	12.5%	17.4%	20.0%
	Structures	Col %	12.5%	13.0%	
	Solid Waste	Col %	3.1%		10.0%
	Transportation	Col %	18.8%	21.7%	
	Geotech	Col %	9.4%	13.0%	10.0%
	Regulatory	Col %	6.3%	4.3%	20.0%
	Other	Col %	15.6%	17.4%	20.0%
Total	Col %		100.0%	100.0%	100.0%
	Count		32	23	10

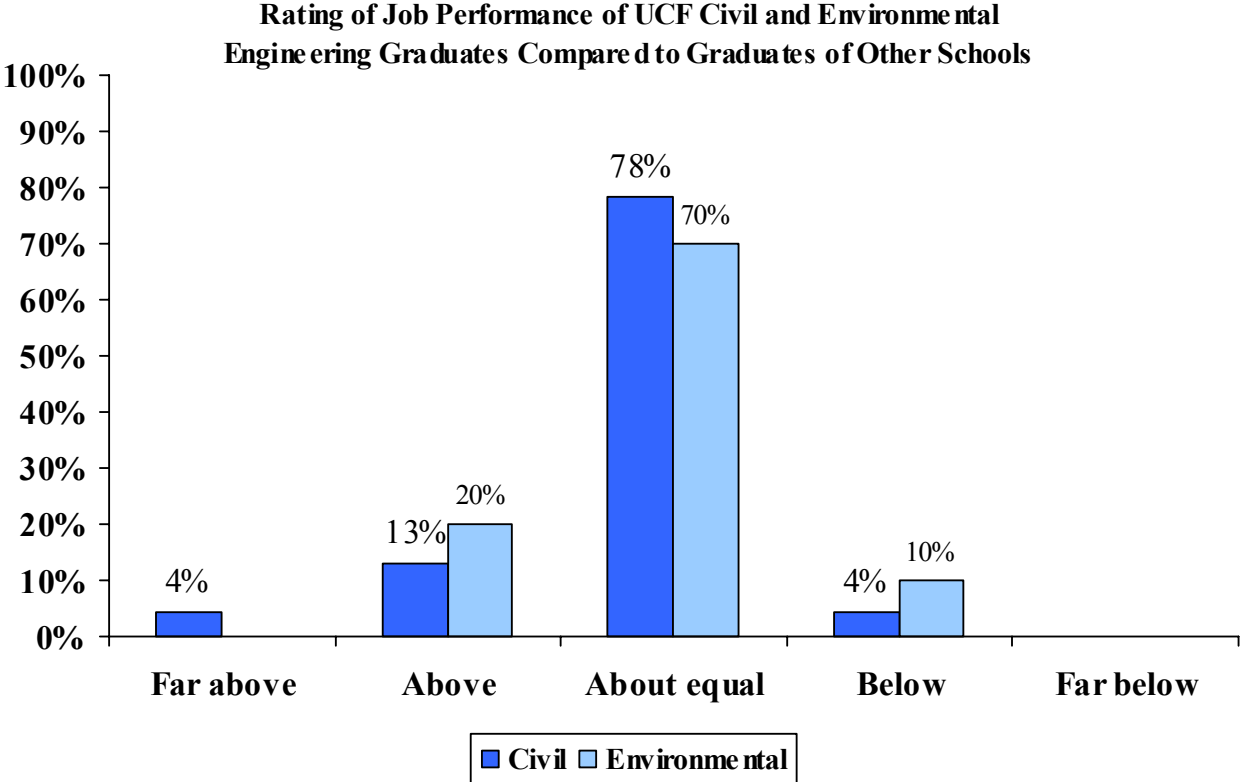
## 4.2 Importance and Satisfaction

Employers' ratings of the UCF CEE graduates' overall job performance on a 5-point scale with 1 being 'Poor' and 5 being 'Excellent' looks very similar for employers of Civil and Environmental Engineers, with the majority of respondents rating the UCF CEE graduates as providing a 'Very good' job performance.



**Figure 1: Employer Ratings of Overall Job Performance of UCF CEE Graduates by Program**

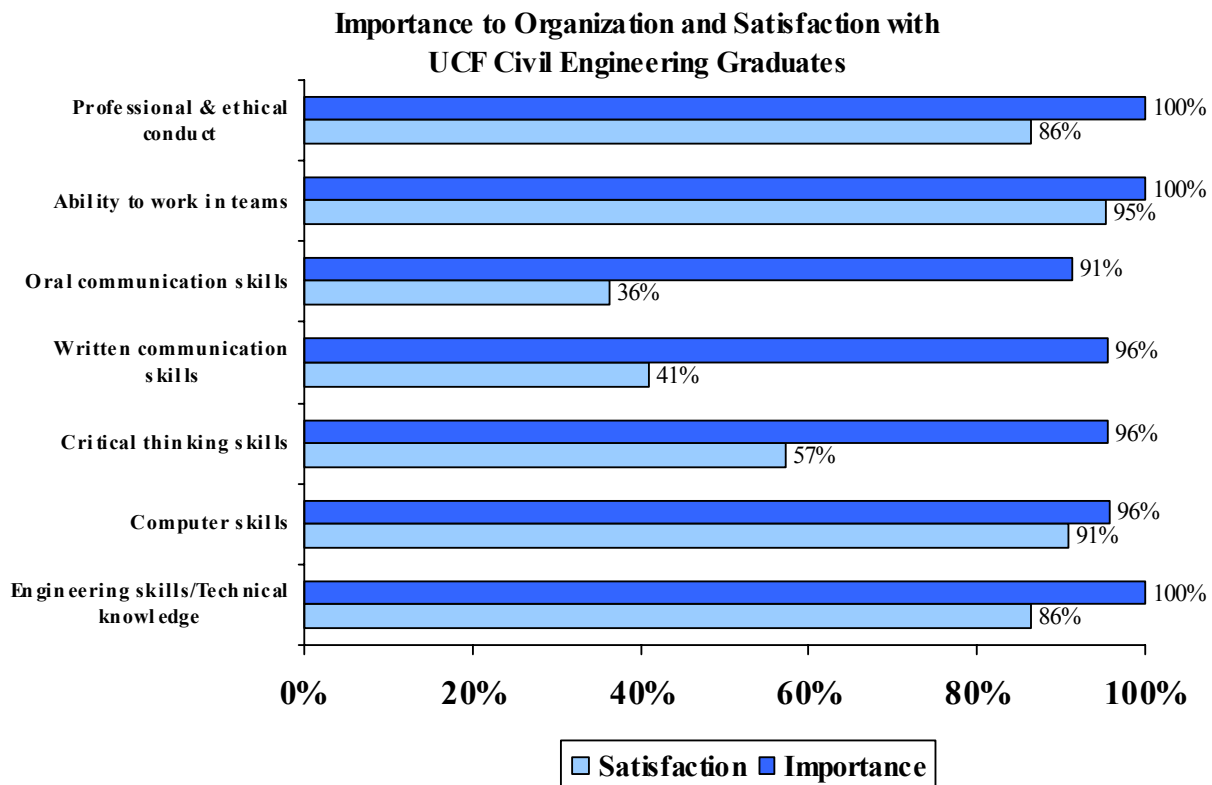
Employers' ratings of the UCF CEE graduates' job performance in comparison to graduates of other schools also looks very similar for employers of Civil and Environmental Engineers. In this case, the majority of respondents rated the UCF CEE graduates as providing 'About equal' job performance as their counterparts from different schools.



**Figure 2: Employer Ratings of Job Performance of UCF CEE Graduates In Comparison to that of Graduates from Other Schools by Program**

Employers of UCF CEE graduates were next asked to rate the level of importance of a list of employee skills to their organization. Then they were asked to indicate their level of satisfaction with the UCF CEE graduates regarding those same skills.

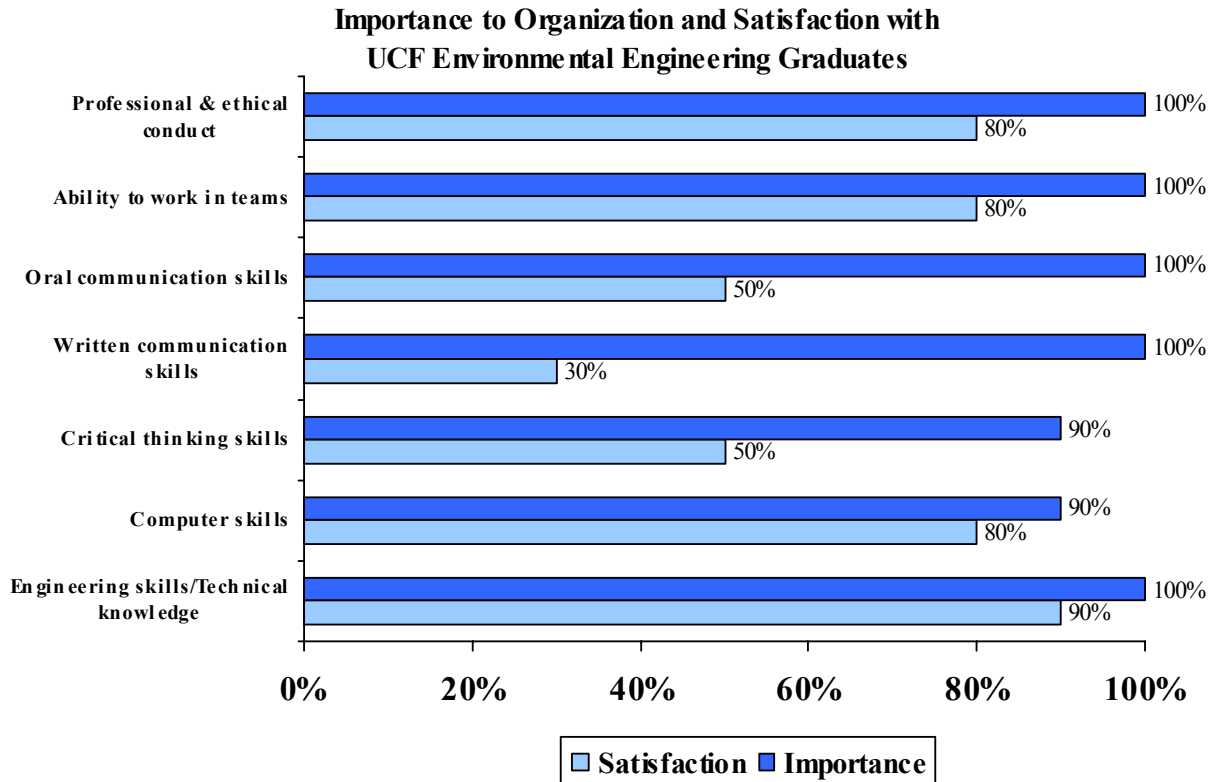
With 90-100% of employers of Civil Engineers agreeing that each skill was ‘Important’ or ‘Very important’ to their organization, it was difficult for the satisfaction levels to equal the importance levels. Nonetheless, UCF Civil Engineering graduates were rated very high in ‘Ability to work in teams,’ as 95% of employers surveyed were either ‘Very satisfied’ or ‘Satisfied’ with their performance. Opportunities for improvement for Civil engineering graduates according to the employers surveyed appear to be ‘Oral communication skills,’ ‘Written communication skills,’ and ‘Critical thinking skills’. While these skills are rated lower than the others, we do not know if that lower level of satisfaction expressed by employers is unique to UCF Civil Engineering graduates, or is indicative of the general workforce.



**Figure 3: Percent ‘Very important’ and ‘Important’ and Percent ‘Very satisfied’ and ‘Satisfied’ with Skills of UCF Civil Engineering Graduates**



In general the results for employers of Environmental Engineers were very similar to those of Civil Engineers. Just as was illustrated for employers of Civil Engineers, opportunities for improvement for Environmental engineering graduates appear to be 'Oral communication skills,' 'Written communication skills,' and 'Critical thinking skills'.



**Figure 4: Percent 'Very important' and 'Important' and Percent 'Very satisfied' and 'Satisfied' with Skills of UCF Environmental Engineering Graduates**

Consistent with the accreditation requirements of the College of Engineering, some specific questions were included in the employer survey. These questions assessed:

- Employer satisfaction with the professional and ethical conduct of UCF graduates.
- Employer satisfaction with the ability of UCF graduates to work in teams.

The results for these questions are listed below:

**Table 5: Accreditation Assessment Measures**

	Percent “Satisfied” or “Very Satisfied”	Target	Target Met?
Satisfaction with Professional & ethical conduct			
• Civil Engineering	86.4%	75%	Yes
• Environmental Engineering	80.0%	75%	Yes
• Civil and Environmental Engineering	82.8%	75%	Yes
Satisfaction with Ability to work in teams			
• Civil Engineering	95.5%	75%	Yes
• Environmental Engineering	80.0%	75%	Yes
• Civil and Environmental Engineering	86.2%	75%	Yes

## 5.0 RECOMMENDATIONS

- Add a question to the survey to measure the assessment target of a 75% satisfaction rate among employers regarding the graduates’ pursuit of life-long learning through professional registration.
- Improve data integrity by conducting the survey more frequently. This will ensure that the employers will be able to more accurately assess recent graduates.
- Improve the survey response rate, perhaps by conducting follow-up telephone calls or offering a web-based option for employers to take the survey.
- Acknowledge the importance of oral communication, written communication, and critical thinking skills to employers of UCF CEE graduates, and implement appropriate actions to ensure students are learning those skills.

# APPENDIX A

**UCF CIVIL AND ENVIRONMENTAL ENGINEERING  
EMPLOYER SURVEY**

1. Thinking specifically about employees that you manage, how many UCF Civil and Environmental Engineering (CEE) graduates have you hired as **full-time employees within the last 2 years?**

CIVIL: with Bachelor's Degree \_\_\_\_\_ with Advanced Degree(s) \_\_\_\_\_  
 ENVIRONMENTAL: with Bachelor's Degree \_\_\_\_\_ with Advanced Degree(s) \_\_\_\_\_

2. On average, how would you rate the overall job performance of UCF CEE graduates in your organization? **(Circle your response)**

Excellent          Very Good          Good          Fair          Poor

3. On average, how would you rate the job performance of UCF CEE students relative to graduates of other schools? **(Circle your response)**

Far Above          Above          About Equal          Below          Far Below

4. Below on the left, please indicate how important each of the following attributes is to your organization, and on the right, indicate your general level of satisfaction with the UCF CEE graduates that work in your organization. **(Circle your responses)**

Very Important	Important	Neutral	Unimportant	Very Unimportant		Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Don't Know
<b>VI</b>	<b>I</b>	<b>N</b>	<b>U</b>	<b>VU</b>	<b>Engineering skills/Technical knowledge</b>	<b>VS</b>	<b>S</b>	<b>N</b>	<b>D</b>	<b>VD</b>	<b>DK</b>
<b>VI</b>	<b>I</b>	<b>N</b>	<b>U</b>	<b>VU</b>	<b>Computer skills</b>	VS	S	N	D	VD	DK
<b>VI</b>	<b>I</b>	<b>N</b>	<b>U</b>	<b>VU</b>	Critical thinking skills	VS	S	N	D	VD	DK
<b>VI</b>	<b>I</b>	<b>N</b>	<b>U</b>	<b>VU</b>	Written communication skills	VS	S	N	D	VD	DK
<b>VI</b>	<b>I</b>	<b>N</b>	<b>U</b>	<b>VU</b>	Oral communication skills	VS	S	N	D	VD	DK
<b>VI</b>	<b>I</b>	<b>N</b>	<b>U</b>	<b>VU</b>	Ability to work in teams	VS	S	N	D	VD	DK
<b>VI</b>	<b>I</b>	<b>N</b>	<b>U</b>	<b>VU</b>	Professional & ethical conduct	VS	S	N	D	VD	DK

5. On average, what starting salary do you offer UCF CEE graduates right out of college?

CIVIL: Bachelor's Degree \$\_\_\_\_\_/year          Advanced Degree(s)  
 \$\_\_\_\_\_/year

ENVIRONMENTAL: Bachelor's Degree \$\_\_\_\_\_/year          Advanced Degree(s)  
 \$\_\_\_\_\_/year

6. Are you willing to support a UCF CEE student internship/scholarship?          Yes          No

7. Are you willing to sponsor an employee for a Masters degree from UCF CEE? Yes No

8. In which sector is your organization's primary work? **[Please check (✓) your response]**

- Consulting
- Industry
- State or Federal regulatory agency
- Non-regulatory governmental (local, state, or federal)
- Academic
- Research
- Other, please specify:

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9. In which field is your organization's primary work? **[Please check (✓) your response]**

- Water/Wastewater
- Air
- Water Resources
- Structures
- Solid Waste
- Transportation
- Geotech
- Regulatory
- Other, please specify:

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10. What are the strongest assets of the UCF CEE graduates that you have hired within the last two years?

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11. In what areas, if any, did these graduates need better preparation?

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Please feel free to add any other comments or suggestions you may have to make our program better. Use the bottom of this page or attach another sheet of paper.

**Thank you for your time!**

# **APPENDIX B**

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Civil Engineers with a Bachelors Degree hired within last 2 years	2.0	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Civil Engineers with an Advanced Degree hired within last 2 years	0	60.9%	14
	1	26.1%	6
	2	8.7%	2
	4	4.3%	1
<b>Total</b>		<b>100.0%</b>	<b>23</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Civil Engineers with an Advanced Degree hired within last 2 years	.6	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Environmental Engineers with a Bachelors Degree hired within last 2 years	0	78.3%	18
	1	13.0%	3
	4	8.7%	2
<b>Total</b>		<b>100.0%</b>	<b>23</b>



**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Environmental Engineers with a Bachelors Degree hired within last 2 years	.5	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Environmental Engineers with an Advanced Degree hired within last 2 years	0	100.0%	23
<b>Total</b>		<b>100.0%</b>	<b>23</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Environmental Engineers with an Advanced Degree hired within last 2 years	.0	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
On average, how would you rate the overall job performance of UCF CEE graduates in your organization?	2 Fair	4.3%	1
	3 Good	21.7%	5
	4 Very good	56.5%	13
	5 Excellent	17.4%	4
<b>Total</b>		<b>100.0%</b>	<b>23</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, how would you rate the overall job performance of UCF CEE graduates in your organization?	3.9	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
On average, how would you rate the job performance of UCF CEE students relative to graduates of other schools?	2 Below	4.3%	1
	3 About equal	78.3%	18
	4 Above	13.0%	3
	5 Far above	4.3%	1
<b>Total</b>		<b>100.0%</b>	<b>23</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, how would you rate the job performance of UCF CEE students relative to graduates of other schools?	3.2	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		3 Neutral	4 Important	5 Very important	Total
Importance of Engineering skills/Technical Knowledge	Count		8	15	23
Importance of Computer skills	Count	1	18	4	23
Importance of Critical thinking skills	Count	1	3	19	23
Importance of Written communication skills	Count	1	10	11	22
Importance of Oral communication skills	Count	2	9	12	23
Importance of Ability to work in teams	Count		13	10	23
Importance of Professional & ethical conduct	Count		5	18	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		3 Neutral	4 Important	5 Very important	Total
Importance of Engineering skills/Technical Knowledge	%		34.8%	65.2%	100.0%
Importance of Computer skills	%	4.3%	78.3%	17.4%	100.0%
Importance of Critical thinking skills	%	4.3%	13.0%	82.6%	100.0%
Importance of Written communication skills	%	4.5%	45.5%	50.0%	100.0%
Importance of Oral communication skills	%	8.7%	39.1%	52.2%	100.0%
Importance of Ability to work in teams	%		56.5%	43.5%	100.0%
Importance of Professional & ethical conduct	%		21.7%	78.3%	100.0%

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Importance of Engineering skills/Technical Knowledge	4.7	23
Importance of Computer skills	4.1	23
Importance of Critical thinking skills	4.8	23
Importance of Written communication skills	4.5	22
Importance of Oral communication skills	4.4	23
Importance of Ability to work in teams	4.4	23
Importance of Professional & ethical conduct	4.8	23

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		1 Very dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very satisfied	Total
Satisfaction with Engineering skills/Technical Knowledge	Count			3	17	2	22
Satisfaction with Computer skills	Count			2	15	5	22
Satisfaction with Critical thinking skills	Count		4	5	11	1	21
Satisfaction with Written communication skills	Count	2	2	9	8	1	22
Satisfaction with Oral communication skills	Count		1	13	6	2	22
Satisfaction with Ability to work in teams	Count			1	16	5	22
Satisfaction with Professional & ethical conduct	Count			3	10	9	22

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		1 Very dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very satisfied	Total
Satisfaction with Engineering skills/Technical Knowledge	%			13.6%	77.3%	9.1%	100.0%
Satisfaction with Computer skills	%			9.1%	68.2%	22.7%	100.0%
Satisfaction with Critical thinking skills	%		19.0%	23.8%	52.4%	4.8%	100.0%
Satisfaction with Written communication skills	%	9.1%	9.1%	40.9%	36.4%	4.5%	100.0%
Satisfaction with Oral communication skills	%		4.5%	59.1%	27.3%	9.1%	100.0%
Satisfaction with Ability to work in teams	%			4.5%	72.7%	22.7%	100.0%
Satisfaction with Professional & ethical conduct	%			13.6%	45.5%	40.9%	100.0%

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Satisfaction with Engineering skills/Technical Knowledge	4.0	22
Satisfaction with Computer skills	4.1	22
Satisfaction with Critical thinking skills	3.4	21
Satisfaction with Written communication skills	3.2	22
Satisfaction with Oral communication skills	3.4	22
Satisfaction with Ability to work in teams	4.2	22
Satisfaction with Professional & ethical conduct	4.3	22

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Bachelors Degree</b>	<b>30,000</b>	<b>4.3%</b>	<b>1</b>
	<b>32,000</b>	<b>13.0%</b>	<b>3</b>
	<b>34,000</b>	<b>8.7%</b>	<b>2</b>
	<b>35,000</b>	<b>13.0%</b>	<b>3</b>
	<b>36,000</b>	<b>8.7%</b>	<b>2</b>
	<b>36,300</b>	<b>4.3%</b>	<b>1</b>
	<b>37,500</b>	<b>4.3%</b>	<b>1</b>
	<b>38,000</b>	<b>21.7%</b>	<b>5</b>
	<b>39,000</b>	<b>8.7%</b>	<b>2</b>
	<b>40,000</b>	<b>8.7%</b>	<b>2</b>
	<b>45,000</b>	<b>4.3%</b>	<b>1</b>
<b>Total</b>	<b>100.0%</b>	<b>23</b>	

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Bachelors Degree</b>	<b>36426.1</b>	<b>23</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Advanced Degree</b>	<b>34,000</b>	<b>9.1%</b>	<b>1</b>
	<b>36,000</b>	<b>9.1%</b>	<b>1</b>
	<b>37,400</b>	<b>9.1%</b>	<b>1</b>
	<b>38,000</b>	<b>9.1%</b>	<b>1</b>
	<b>40,000</b>	<b>27.3%</b>	<b>3</b>
	<b>43,000</b>	<b>9.1%</b>	<b>1</b>
	<b>45,000</b>	<b>18.2%</b>	<b>2</b>
	<b>60,000</b>	<b>9.1%</b>	<b>1</b>
<b>Total</b>	<b>100.0%</b>	<b>11</b>	

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Advanced Degree	41672.7	11

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Bachelors Degree	30,000	14.3%	1
	32,000	14.3%	1
	34,000	28.6%	2
	35,000	14.3%	1
	36,300	14.3%	1
	38,000	14.3%	1
<b>Total</b>		<b>100.0%</b>	<b>7</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Bachelors Degree	34185.7	7

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Advanced Degree	34,000	25.0%	1
	36,000	25.0%	1
	37,400	25.0%	1
	40,000	25.0%	1
<b>Total</b>		<b>100.0%</b>	<b>4</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Advanced Degree	36850.0	4

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Are you willing to support a UCF CEE student internship/scholarship?	Yes	63.6%	14
	No	36.4%	8
<b>Total</b>		<b>100.0%</b>	<b>22</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Are you willing to sponsor an employee for a Masters degree from UCF CEE?	Yes	38.1%	8
	No	61.9%	13
<b>Total</b>		<b>100.0%</b>	<b>21</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
In which sector is your organization's primary work?	Consulting	91.3%	21
	Non-regulatory governmental (local, state, or federal)	8.7%	2
<b>Total</b>		<b>100.0%</b>	<b>23</b>

**UCF Civil Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>In which field is your organization's primary work?</b>	<b>Water/Wastewater</b>	<b>13.0%</b>	<b>3</b>
	<b>Water Resources</b>	<b>17.4%</b>	<b>4</b>
	<b>Structures</b>	<b>13.0%</b>	<b>3</b>
	<b>Transportation</b>	<b>21.7%</b>	<b>5</b>
	<b>Geotech</b>	<b>13.0%</b>	<b>3</b>
	<b>Regulatory</b>	<b>4.3%</b>	<b>1</b>
	<b>Other, please specify</b>	<b>17.4%</b>	<b>4</b>
<b>Total</b>		<b>100.0%</b>	<b>23</b>



# APPENDIX C

ENVIRONMENTAL ENGINEERING OUTPUT

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Civil Engineers with a Bachelors Degree hired within last 2 years	0	60.0%	6
	1	20.0%	2
	2	20.0%	2
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Civil Engineers with a Bachelors Degree hired within last 2 years	.6	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Civil Engineers with an Advanced Degree hired within last 2 years	0	90.0%	9
	1	10.0%	1
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Civil Engineers with an Advanced Degree hired within last 2 years	.1	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Environmental Engineers with a Bachelors Degree hired within last 2 years	0	20.0%	2
	1	50.0%	5
	2	10.0%	1
	4	20.0%	2
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Environmental Engineers with a Bachelors Degree hired within last 2 years	1.5	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Environmental Engineers with an Advanced Degree hired within last 2 years	0	70.0%	7
	1	30.0%	3
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Environmental Engineers with an Advanced Degree hired within last 2 years	.3	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, how would you rate the overall job performance of UCF CEE graduates in your organization?</b>	<b>1 Poor</b>	<b>10.0%</b>	<b>1</b>
	<b>2 Fair</b>	<b>10.0%</b>	<b>1</b>
	<b>3 Good</b>	<b>20.0%</b>	<b>2</b>
	<b>4 Very good</b>	<b>50.0%</b>	<b>5</b>
	<b>5 Excellent</b>	<b>10.0%</b>	<b>1</b>
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, how would you rate the overall job performance of UCF CEE graduates in your organization?</b>	<b>3.4</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, how would you rate the job performance of UCF CEE students relative to graduates of other schools?</b>	<b>2 Below</b>	<b>10.0%</b>	<b>1</b>
	<b>3 About equal</b>	<b>70.0%</b>	<b>7</b>
	<b>4 Above</b>	<b>20.0%</b>	<b>2</b>
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, how would you rate the job performance of UCF CEE students relative to graduates of other schools?</b>	<b>3.1</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		3 Neutral	4 Important	5 Very important	Total
Importance of Engineering skills/Technical Knowledge	Count		5	5	10
Importance of Computer skills	Count	1	5	4	10
Importance of Critical thinking skills	Count	1	3	6	10
Importance of Written communication skills	Count		6	4	10
Importance of Oral communication skills	Count		7	3	10
Importance of Ability to work in teams	Count		4	6	10
Importance of Professional & ethical conduct	Count		3	7	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		3 Neutral	4 Important	5 Very important	Total
Importance of Engineering skills/Technical Knowledge	%		50.0%	50.0%	100.0%
Importance of Computer skills	%	10.0%	50.0%	40.0%	100.0%
Importance of Critical thinking skills	%	10.0%	30.0%	60.0%	100.0%
Importance of Written communication skills	%		60.0%	40.0%	100.0%
Importance of Oral communication skills	%		70.0%	30.0%	100.0%
Importance of Ability to work in teams	%		40.0%	60.0%	100.0%
Importance of Professional & ethical conduct	%		30.0%	70.0%	100.0%

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Importance of Engineering skills/Technical Knowledge	4.5	10
Importance of Computer skills	4.3	10
Importance of Critical thinking skills	4.5	10
Importance of Written communication skills	4.4	10
Importance of Oral communication skills	4.3	10
Importance of Ability to work in teams	4.6	10
Importance of Professional & ethical conduct	4.7	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		1 Very dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very satisfied	Total
Satisfaction with Engineering skills/Technical Knowledge	Count			1	8	1	10
Satisfaction with Computer skills	Count			2	4	4	10
Satisfaction with Critical thinking skills	Count		3	2	5		10
Satisfaction with Written communication skills	Count	1	2	4	2	1	10
Satisfaction with Oral communication skills	Count		1	4	5		10
Satisfaction with Ability to work in teams	Count			2	6	2	10
Satisfaction with Professional & ethical conduct	Count			2	5	3	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		1 Very dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very satisfied	Total
Satisfaction with Engineering skills/Technical Knowledge	%			10.0%	80.0%	10.0%	100.0%
Satisfaction with Computer skills	%			20.0%	40.0%	40.0%	100.0%
Satisfaction with Critical thinking skills	%		30.0%	20.0%	50.0%		100.0%
Satisfaction with Written communication skills	%	10.0%	20.0%	40.0%	20.0%	10.0%	100.0%
Satisfaction with Oral communication skills	%		10.0%	40.0%	50.0%		100.0%
Satisfaction with Ability to work in teams	%			20.0%	60.0%	20.0%	100.0%
Satisfaction with Professional & ethical conduct	%			20.0%	50.0%	30.0%	100.0%

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Satisfaction with Engineering skills/Technical Knowledge	4.0	10
Satisfaction with Computer skills	4.2	10
Satisfaction with Critical thinking skills	3.2	10
Satisfaction with Written communication skills	3.0	10
Satisfaction with Oral communication skills	3.4	10
Satisfaction with Ability to work in teams	4.0	10
Satisfaction with Professional & ethical conduct	4.1	10

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Bachelors Degree	32,000	42.9%	3
	34,000	28.6%	2
	36,300	14.3%	1
	40,000	14.3%	1
<b>Total</b>		<b>100.0%</b>	<b>7</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Bachelors Degree	34328.6	7

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Advanced Degree	34,000	20.0%	1
	36,000	20.0%	1
	37,400	20.0%	1
	38,000	20.0%	1
	42,000	20.0%	1
<b>Total</b>		<b>100.0%</b>	<b>5</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Advanced Degree	37480.0	5

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Bachelors Degree</b>	<b>30,000</b>	22.2%	2
	<b>32,000</b>	22.2%	2
	<b>34,000</b>	22.2%	2
	<b>36,300</b>	11.1%	1
	<b>36,600</b>	11.1%	1
	<b>40,000</b>	11.1%	1
<b>Total</b>		<b>100.0%</b>	<b>9</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Bachelors Degree</b>	33877.8	9

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Advanced Degree</b>	<b>34,000</b>	16.7%	1
	<b>36,000</b>	16.7%	1
	<b>37,400</b>	16.7%	1
	<b>38,000</b>	16.7%	1
	<b>42,000</b>	16.7%	1
	<b>50,000</b>	16.7%	1
<b>Total</b>		<b>100.0%</b>	<b>6</b>



**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Advanced Degree	39566.7	6

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Are you willing to support a UCF CEE student internship/scholarship?	Yes	50.0%	5
	No	50.0%	5
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Are you willing to sponsor an employee for a Masters degree from UCF CEE?	Yes	22.2%	2
	No	77.8%	7
<b>Total</b>		<b>100.0%</b>	<b>9</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
In which sector is your organization's primary work?	Consulting	80.0%	8
	Non-regulatory governmental (local, state, or federal)	20.0%	2
<b>Total</b>		<b>100.0%</b>	<b>10</b>

**UCF Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>In which field is your organization's primary work?</b>	<b>Water/Wastewater</b>	<b>20.0%</b>	<b>2</b>
	<b>Water Resources</b>	<b>20.0%</b>	<b>2</b>
	<b>Solid Waste</b>	<b>10.0%</b>	<b>1</b>
	<b>Geotech</b>	<b>10.0%</b>	<b>1</b>
	<b>Regulatory</b>	<b>20.0%</b>	<b>2</b>
	<b>Other, please specify</b>	<b>20.0%</b>	<b>2</b>
<b>Total</b>		<b>100.0%</b>	<b>10</b>

# APPENDIX D

CIVIL AND ENVIRONMENTAL ENGINEERING OUTPUT

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Civil Engineers with a Bachelors Degree hired within last 2 years	0	29.0%	9
	1	29.0%	9
	2	29.0%	9
	3	6.5%	2
	5	3.2%	1
	8	3.2%	1
<b>Total</b>		<b>100.0%</b>	<b>31</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Civil Engineers with a Bachelors Degree hired within last 2 years	1.5	31

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Civil Engineers with an Advanced Degree hired within last 2 years	0	71.0%	22
	1	19.4%	6
	2	6.5%	2
	4	3.2%	1
<b>Total</b>		<b>100.0%</b>	<b>31</b>

**JCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Civil Engineers with an Advanced Degree hired within last 2 years	.5	31

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Environmental Engineers with a Bachelors Degree hired within last 2 years	0	74.2%	23
	1	16.1%	5
	2	3.2%	1
	4	6.5%	2
<b>Total</b>		<b>100.0%</b>	<b>31</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Environmental Engineers with a Bachelors Degree hired within last 2 years	.5	31

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
Number of Environmental Engineers with an Advanced Degree hired within last 2 years	0	90.3%	28
	1	9.7%	3
<b>Total</b>		<b>100.0%</b>	<b>31</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Number of Environmental Engineers with an Advanced Degree hired within last 2 years	.1	31

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, how would you rate the overall job performance of UCF CEE graduates in your organization?</b>	<b>1 Poor</b>	<b>3.3%</b>	<b>1</b>
	<b>2 Fair</b>	<b>6.7%</b>	<b>2</b>
	<b>3 Good</b>	<b>16.7%</b>	<b>5</b>
	<b>4 Very good</b>	<b>56.7%</b>	<b>17</b>
	<b>5 Excellent</b>	<b>16.7%</b>	<b>5</b>
<b>Total</b>		<b>100.0%</b>	<b>30</b>

**JCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, how would you rate the overall job performance of UCF CEE graduates in your organization?</b>	<b>3.8</b>	<b>30</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, how would you rate the job performance of UCF CEE students relative to graduates of other schools?</b>	<b>2 Below</b>	<b>10.0%</b>	<b>3</b>
	<b>3 About equal</b>	<b>73.3%</b>	<b>22</b>
	<b>4 Above</b>	<b>13.3%</b>	<b>4</b>
	<b>5 Far above</b>	<b>3.3%</b>	<b>1</b>
<b>Total</b>		<b>100.0%</b>	<b>30</b>

**JCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, how would you rate the job performance of UCF CEE students relative to graduates of other schools?</b>	<b>3.1</b>	<b>30</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		3 Neutral	4 Important	5 Very important	Total
Importance of Engineering skills/Technical Knowledge	Count		12	20	32
Importance of Computer skills	Count	1	22	9	32
Importance of Critical thinking skills	Count	3	5	24	32
Importance of Written communication skills	Count	1	15	15	31
Importance of Oral communication skills	Count	2	17	13	32
Importance of Ability to work in teams	Count		16	16	32
Importance of Professional & ethical conduct	Count		8	24	32

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		3 Neutral	4 Important	5 Very important	Total
Importance of Engineering skills/Technical Knowledge	%		37.5%	62.5%	100.0%
Importance of Computer skills	%	3.1%	68.8%	28.1%	100.0%
Importance of Critical thinking skills	%	9.4%	15.6%	75.0%	100.0%
Importance of Written communication skills	%	3.2%	48.4%	48.4%	100.0%
Importance of Oral communication skills	%	6.3%	53.1%	40.6%	100.0%
Importance of Ability to work in teams	%		50.0%	50.0%	100.0%
Importance of Professional & ethical conduct	%		25.0%	75.0%	100.0%

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Importance of Engineering skills/Technical Knowledge	4.6	32
Importance of Computer skills	4.3	32
Importance of Critical thinking skills	4.7	32
Importance of Written communication skills	4.5	31
Importance of Oral communication skills	4.3	32
Importance of Ability to work in teams	4.5	32
Importance of Professional & ethical conduct	4.8	32

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		1 Very dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very satisfied	Total
Satisfaction with Engineering skills/Technical Knowledge	Count			4	22	3	29
Satisfaction with Computer skills	Count			4	17	8	29
Satisfaction with Critical thinking skills	Count		5	6	16	1	28
Satisfaction with Written communication skills	Count	3	3	11	10	2	29
Satisfaction with Oral communication skills	Count		2	14	11	2	29
Satisfaction with Ability to work in teams	Count			4	18	7	29
Satisfaction with Professional & ethical conduct	Count		1	4	13	11	29

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		1 Very dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very satisfied	Total
Satisfaction with Engineering skills/Technical Knowledge	%			13.8%	75.9%	10.3%	100.0%
Satisfaction with Computer skills	%			13.8%	58.6%	27.6%	100.0%
Satisfaction with Critical thinking skills	%		17.9%	21.4%	57.1%	3.6%	100.0%
Satisfaction with Written communication skills	%	10.3%	10.3%	37.9%	34.5%	6.9%	100.0%
Satisfaction with Oral communication skills	%		6.9%	48.3%	37.9%	6.9%	100.0%
Satisfaction with Ability to work in teams	%			13.8%	62.1%	24.1%	100.0%
Satisfaction with Professional & ethical conduct	%		3.4%	13.8%	44.8%	37.9%	100.0%

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
Satisfaction with Engineering skills/Technical Knowledge	4.0	29
Satisfaction with Computer skills	4.1	29
Satisfaction with Critical thinking skills	3.5	28
Satisfaction with Written communication skills	3.2	29
Satisfaction with Oral communication skills	3.4	29
Satisfaction with Ability to work in teams	4.1	29
Satisfaction with Professional & ethical conduct	4.2	29



**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Bachelors Degree</b>	<b>30,000</b>	<b>3.8%</b>	<b>1</b>
	<b>32,000</b>	<b>15.4%</b>	<b>4</b>
	<b>34,000</b>	<b>7.7%</b>	<b>2</b>
	<b>35,000</b>	<b>11.5%</b>	<b>3</b>
	<b>36,000</b>	<b>7.7%</b>	<b>2</b>
	<b>36,300</b>	<b>3.8%</b>	<b>1</b>
	<b>37,500</b>	<b>3.8%</b>	<b>1</b>
	<b>38,000</b>	<b>19.2%</b>	<b>5</b>
	<b>39,000</b>	<b>7.7%</b>	<b>2</b>
	<b>40,000</b>	<b>15.4%</b>	<b>4</b>
	<b>45,000</b>	<b>3.8%</b>	<b>1</b>
<b>Total</b>	<b>100.0%</b>	<b>26</b>	

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Bachelors Degree</b>	<b>36530.8</b>	<b>26</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Advanced Degree</b>	<b>34,000</b>	<b>7.1%</b>	<b>1</b>
	<b>36,000</b>	<b>7.1%</b>	<b>1</b>
	<b>37,400</b>	<b>7.1%</b>	<b>1</b>
	<b>38,000</b>	<b>14.3%</b>	<b>2</b>
	<b>40,000</b>	<b>21.4%</b>	<b>3</b>
	<b>42,000</b>	<b>14.3%</b>	<b>2</b>
	<b>43,000</b>	<b>7.1%</b>	<b>1</b>
	<b>45,000</b>	<b>14.3%</b>	<b>2</b>
	<b>60,000</b>	<b>7.1%</b>	<b>1</b>
<b>Total</b>	<b>100.0%</b>	<b>14</b>	

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Civil Advanced Degree	41457.1	14

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Bachelors Degree	30,000	18.2%	2
	32,000	18.2%	2
	34,000	18.2%	2
	35,000	9.1%	1
	36,300	9.1%	1
	36,600	9.1%	1
	38,000	9.1%	1
	40,000	9.1%	1
<b>Total</b>		<b>100.0%</b>	<b>11</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Bachelors Degree	34354.5	11

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Advanced Degree</b>	<b>34,000</b>	<b>14.3%</b>	<b>1</b>
	<b>36,000</b>	<b>14.3%</b>	<b>1</b>
	<b>37,400</b>	<b>14.3%</b>	<b>1</b>
	<b>38,000</b>	<b>14.3%</b>	<b>1</b>
	<b>40,000</b>	<b>14.3%</b>	<b>1</b>
	<b>42,000</b>	<b>14.3%</b>	<b>1</b>
	<b>50,000</b>	<b>14.3%</b>	<b>1</b>
<b>Total</b>		<b>100.0%</b>	<b>7</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

	Total	
	Mean	Count
<b>On average, what starting salary do you offer UCF CEE graduates right out of college? Environmental Advanced Degree</b>	<b>39628.6</b>	<b>7</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>Are you willing to support a UCF CEE student internship/scholarship?</b>	<b>Yes</b>	<b>54.8%</b>	<b>17</b>
	<b>No</b>	<b>45.2%</b>	<b>14</b>
<b>Total</b>		<b>100.0%</b>	<b>31</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>Are you willing to sponsor an employee for a Masters degree from UCF CEE?</b>	<b>Yes</b>	<b>31.0%</b>	<b>9</b>
	<b>No</b>	<b>69.0%</b>	<b>20</b>
<b>Total</b>		<b>100.0%</b>	<b>29</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>In which sector is your organization's primary work?</b>	<b>Consulting</b>	<b>90.6%</b>	<b>29</b>
	<b>Non-regulatory governmental (local, state, or federal)</b>	<b>9.4%</b>	<b>3</b>
<b>Total</b>		<b>100.0%</b>	<b>32</b>

**UCF Civil and Environmental Engineering  
EMPLOYER SURVEY 2002**

		Total	
		Col %	Count
<b>In which field is your organization's primary work?</b>	<b>Water/Wastewater</b>	<b>21.9%</b>	<b>7</b>
	<b>Water Resources</b>	<b>12.5%</b>	<b>4</b>
	<b>Structures</b>	<b>12.5%</b>	<b>4</b>
	<b>Solid Waste</b>	<b>3.1%</b>	<b>1</b>
	<b>Transportation</b>	<b>18.8%</b>	<b>6</b>
	<b>Geotech</b>	<b>9.4%</b>	<b>3</b>
	<b>Regulatory</b>	<b>6.3%</b>	<b>2</b>
	<b>Other, please specify</b>	<b>15.6%</b>	<b>5</b>
<b>Total</b>		<b>100.0%</b>	<b>32</b>