

Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year****Results for the College of Engineering**

1. How often did you do each of the following:	Number of Responses	Percentage of Responses				Mean	StDev
		Never	Sometimes	Often	Very Often		
Question							
a. Asked questions in class	243	8.64	60.91	22.22	8.23	1.30	0.74
b. Made a class presentation	242	6.20	55.37	29.75	8.68	1.41	0.74
c. Worked on a paper or project	242	1.24	23.14	50.00	25.62	2.00	0.73
d. Referred to knowledge you acquired	240	0.42	12.92	49.17	37.50	2.24	0.68
e. Came to class without completing assignments	241	27.80	55.19	14.11	2.90	0.92	0.73
f. Used an electronic medium	242	24.79	33.06	22.73	19.42	1.37	1.06
g. Worked with others on projects in class	243	19.34	40.74	30.45	9.47	1.30	0.89
h. Worked with others outside of class	242	1.24	20.25	42.98	35.54	2.13	0.77
i. Read recommended additional readings	242	32.64	44.21	17.77	5.37	0.96	0.85
j. Applied material to practical problem	241	3.73	36.51	44.81	14.94	1.71	0.76
k. Contributed to class discussions	242	5.37	47.93	38.84	7.85	1.49	0.72
l. Had serious talks with different races	243	13.58	48.15	28.40	9.88	1.35	0.84
m. Took detailed notes in class	242	4.13	13.22	42.15	40.50	2.19	0.82
n. Felt bored in class	243	1.23	53.09	30.86	14.81	1.59	0.75
o. Worked harder than you thought you could	242	7.85	42.56	36.78	12.81	1.55	0.81
p. Discussed ideas with others outside of class	244	2.05	43.03	43.03	11.89	1.65	0.71
q. Did assigned homework before class	244	1.23	8.61	37.30	52.87	2.42	0.70
r. Expressed views or opinions in class	243	9.05	60.08	23.05	7.82	1.30	0.74
s. Skipped/missed class	242	37.60	54.96	5.79	1.65	0.71	0.65
t. Had serious talks with different religions	243	18.52	50.62	21.81	9.05	1.21	0.85

Institutional Research (7-4110)

Graduating Senior Survey - Graduated in 2002-2003 Academic Year

Results for the College of Engineering

2. How much time did you spend on:	Number of Responses	Percentage of Responses								Mean	StDev
		None	Less than 1 hour	1-2 hours	3-5 hours	6-10 hours	11-15 hours	16-20 hours	Over 20 hours		
Question											
a. Attending class/labs	242	0.83	.	.	5.79	8.68	29.75	39.67	15.29	5.46	1.15
b. Studying/homework	242	.	.	1.65	11.98	27.69	16.12	18.18	24.38	5.10	1.44
c. Socializing/partying	242	2.48	11.57	17.77	28.93	24.38	7.44	4.13	3.31	3.17	1.51
d. Exercising/sports	243	7.00	23.05	28.81	24.28	11.93	3.70	0.41	0.82	2.28	1.33
e. Participating in student clubs/groups	241	24.90	20.33	29.05	14.52	6.22	1.66	2.49	0.83	1.76	1.52
f. Watching TV	242	4.13	12.40	22.73	30.99	16.12	6.20	3.72	3.72	2.95	1.56
g. Household/childcare duties	242	22.31	18.18	29.75	19.42	7.02	0.83	.	2.48	1.86	1.49
h. Reading for pleasure	243	32.92	30.45	20.58	9.88	3.29	1.23	1.23	0.41	1.31	1.34
i. Playing video/computer games	243	38.68	18.52	20.58	11.93	5.76	1.23	1.65	1.65	1.46	1.61
j. Working for pay on campus	240	69.17	0.42	.	2.08	9.17	5.42	9.58	4.17	1.57	2.46
k. Working for pay off campus	241	49.38	1.66	2.07	2.90	5.39	7.88	12.86	17.84	2.78	2.98

Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year****Results for the College of Engineering**

3. How would you describe your current skills and knowledge:	Number of Responses	Percentage of Responses					Mean	StDev
		Much weaker	Weaker	No change	Stronger	Much stronger		
Question								
a. Being able to write clearly	239	0.42	2.93	15.48	61.09	20.08	3.97	0.72
b. Being able to make effective oral presentations	239	0.42	1.26	9.21	52.72	36.40	4.23	0.70
c. Understanding the world from a variety of viewpoints	239	0.42	1.26	14.23	61.09	23.01	4.05	0.68
d. Logically analyzing arguments	238	0.42	0.42	2.10	42.44	54.62	4.50	0.61
e. Appreciating the arts	238	2.94	2.94	47.48	38.66	7.98	3.46	0.80
f. Valuing cultural diversity in society	236	2.54	3.39	39.83	44.07	10.17	3.56	0.82
g. Understanding methods of reasoning	240	0.42	.	7.08	52.50	40.00	4.32	0.64
h. Using computers and information technology	241	0.41	0.41	7.05	33.20	58.92	4.50	0.68
i. Thinking critically and analytically	239	0.42	.	4.60	44.35	50.63	4.45	0.63
j. Understanding yourself	241	0.41	3.32	17.01	51.45	27.80	4.03	0.79

*Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year**Results for the College of Engineering*

4. Do you agree or disagree with the following aspects of advising by your academic advisor:	Number of Responses	Percentage of Responses				Mean	StDev
		Strongly disagree	Disagree	Agree	Strongly agree		
Question							
a. Spent sufficient time with me	326	12.58	21.78	50.92	14.72	2.68	0.88
b. Was accessible when I needed help	326	4.91	14.42	62.27	18.40	2.94	0.72
c. Reviewed my academic record	326	10.12	20.25	53.99	15.64	2.75	0.84
d. I would recommend to other students	325	12.62	22.77	44.92	19.69	2.72	0.92

Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year****Results for the College of Engineering**

5. How would you rate the quality of each of the following aspects at UK:	Number of Responses	Percentage of Responses				Mean	StDev
		Poor	Fair	Good	Excellent		
Question							
a. Quality of instruction by overall faculty	328	1.83	20.43	68.60	9.15	2.85	0.59
b. Quality of instruction by faculty in major	328	2.74	14.63	58.84	23.78	3.04	0.70
c. Quality of instruction by teaching assistants	324	10.19	45.06	41.36	3.40	2.38	0.71
d. Individual attention from instructors	326	3.37	29.14	53.07	14.42	2.79	0.73
e. Preparation for my first career job	325	8.00	35.08	44.31	12.62	2.62	0.81
f. Preparation for graduate or professional school	321	2.80	27.41	57.63	12.15	2.79	0.68
g. Quality of library services	327	2.75	12.84	57.49	26.91	3.09	0.71
h. Availability of computing resources	328	1.22	9.45	48.48	40.85	3.29	0.69
i. Willingness of faculty to meet with students	327	1.22	16.51	56.57	25.69	3.07	0.68

Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year****Results for the College of Engineering**

6. Do you agree or disagree with the following statements about your major program:	Number of Responses	Percentage of Responses				Mean	StDev
		Strongly disagree	Disagree	Agree	Strongly agree		
Question							
a. Classes were about the right size	328	1.22	9.45	72.87	16.46	3.05	0.55
b. Required courses were offered	327	2.75	17.43	64.83	14.98	2.92	0.66
c. Grading practices were fair	327	1.22	8.87	79.20	10.70	2.99	0.50
d. Faculty prepared carefully for classes	328	0.30	11.28	73.48	14.94	3.03	0.52
e. Faculty gave feedback on my progress	324	1.23	26.54	63.89	8.33	2.79	0.60
f. Faculty returned tests/papers on time	328	0.61	9.45	78.96	10.98	3.00	0.48
g. Faculty provided helpful written comments	329	3.65	26.14	62.01	8.21	2.75	0.65
h. Faculty were accessible out of class	326	.	7.06	68.71	24.23	3.17	0.53
i. Faculty were knowledgeable in subject	327	.	2.75	55.05	42.20	3.39	0.54
j. Faculty treated students with respect	327	0.31	7.65	73.39	18.65	3.10	0.52
k. Faculty were interested in students	327	1.83	18.35	66.97	12.84	2.91	0.61
l. I would recommend my major to others	326	1.84	7.67	62.58	27.91	3.17	0.64
m. Mutual respect between students & professors	324	0.62	11.11	73.15	15.12	3.03	0.54
n. The department helped me to find job or pursue further study	318	5.97	28.62	55.03	10.38	2.70	0.73

Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year****Results for the College of Engineering**

7. To what extent do you feel UK emphasizes each of the following:	Number of Responses	Percentage of Responses				Mean	StDev
		Very little	Some	Quite a bit	Very much		
Question							
a. Studying and academic work outside class	240	3.33	21.25	48.75	26.67	2.99	0.78
b. Provide support for your academic success	239	2.09	30.13	58.16	9.62	2.75	0.65
c. Provide support for your social life	239	19.25	43.10	31.80	5.86	2.24	0.83
d. Encourage contact with different backgrounds	237	17.72	47.68	29.11	5.49	2.22	0.80
e. Develop scholarly, analytical, intellectual qualities	238	0.84	22.69	60.50	15.97	2.92	0.64
f. Develop aesthetic, creative qualities	238	14.29	37.39	42.02	6.30	2.40	0.81
g. Develop understanding of human diversity	238	10.50	47.90	36.13	5.46	2.37	0.74
h. Develop information literacy skills	239	1.26	19.67	54.39	24.69	3.03	0.70
i. Provide job-related skills and knowledge	239	6.28	31.38	50.63	11.72	2.68	0.76
j. Offering courses that are practical	239	4.60	27.62	58.16	9.62	2.73	0.70

**Graduating Senior Survey - Graduated in 2002-2003 Academic Year
Results for the College of Engineering**

8. If you took more than four years to complete your degree, please answer the following:	Number of Responses	Percentage of Responses	
		No	Yes
Question			
a. Work obligations limited my enrollment	312	62.18	37.82
b. Family obligations limited my enrollment	312	87.50	12.50
c. Tuition, other costs limited my enrollment	312	89.10	10.90
d. Change majors added to my requirements	312	76.28	23.72
e. Required course was not offered when needed	312	82.05	17.95
f. Lost credits upon transferring	312	88.46	11.54

*Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year**Results for the College of Engineering*

9. ACADEMIC CLIMATE for each of the student groups:	Number of Responses	Percentage of Responses				Mean	StDev
		Very Discriminatory	Discriminatory	Supportive	Very Supportive		
Question							
a.Women	309	0.65	4.21	65.05	30.10	3.25	0.56
b.Men	307	0.33	2.93	69.06	27.69	3.24	0.51
c.African Americans	304	0.99	4.61	68.09	26.32	3.20	0.56
d.Other racial minorities	305	0.66	4.26	71.80	23.28	3.18	0.52
e.International students	305	.	4.26	66.56	29.18	3.25	0.52
f.Disabled students	304	0.66	6.58	71.05	21.71	3.14	0.54
g.Gay/Lesbian students	294	2.38	7.82	71.77	18.03	3.05	0.59

*Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year**Results for the College of Engineering*

9. SOCIAL CLIMATE for each of the student groups:	Number of Responses	Percentage of Responses				Mean	StDev
		Very Discriminatory	Discriminatory	Supportive	Very Supportive		
Question							
a.Women	302	.	5.30	63.58	31.13	3.26	0.55
b.Men	304	0.33	2.63	71.05	25.99	3.23	0.50
c.African Americans	301	0.33	7.97	72.76	18.94	3.10	0.52
d.Other racial minorities	300	2.33	12.00	70.67	15.00	2.98	0.60
e.International students	300	2.00	18.00	64.33	15.67	2.94	0.64
f.Disabled students	297	2.02	12.79	69.02	16.16	2.99	0.61
g.Gay/Lesbian students	289	4.84	17.30	65.74	12.11	2.85	0.68

*Institutional Research (7-4110)****Graduating Senior Survey - Graduated in 2002-2003 Academic Year
Results for the College of Engineering***

10. Which of the following have you done at UK?	Number of Responses	Percentage of Responses	
		No	Yes
Question			
a.Capstone course or thesis	244	88.11	11.89
b.Work on a project with faculty outside class	244	80.33	19.67
c.Practicum, internship, co-op experience	244	48.77	51.23
d.Independent study or self-designed major	244	84.43	15.57
e.Study abroad	244	95.49	4.51
f.Community service or volunteer work	244	60.25	39.75
g.Service learning course or course option	244	98.77	1.23

Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year****Results for the College of Engineering****The FREQ Procedure**

11. Overall experiences at UK				
q11	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Very dissatisfied	3	1.24	3	1.24
Dissatisfied	9	3.73	12	4.98
Neutral	33	13.69	45	18.67
Satisfied	152	63.07	197	81.74
Very satisfied	44	18.26	241	100.00

Frequency Missing = 90

12. Would recommend UK to another student				
q12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly disagree	3	1.25	3	1.25
Disagree	8	3.33	11	4.58
Not sure	26	10.83	37	15.42
Agree	143	59.58	180	75.00
Strongly agree	60	25.00	240	100.00

Frequency Missing = 91

12. (PREVIOUS SURVEY FORM) Would recommend UK to another student				
q12old	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Strongly disagree	6	7.06	6	7.06
Disagree	11	12.94	17	20.00
Agree	42	49.41	59	69.41
Strongly agree	26	30.59	85	100.00

Frequency Missing = 246

*Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year**Results for the College of Engineering*

13. What are your immediate post-graduation plan?	Number of Responses	Percentage of Responses	
		No	Yes
Question			
a.I will work at the same job I had before	324	77.78	22.22
b.I will work at a new job I obtained	324	90.12	9.88
c.I am seeking employment	327	42.81	57.19
d.I do not plan to work	326	98.47	1.53
e.I plan to continue my education	324	73.15	26.85
f.I have no plans	325	92.31	7.69

*Institutional Research (7-4110)**Graduating Senior Survey - Graduated in 2002-2003 Academic Year**Results for the College of Engineering**The FREQ Procedure*

14. Highest degree you plan to earn				
q14	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No plans for graduate degree	80	31.13	80	31.13
Master or educational specialist degree	117	45.53	197	76.65
Law degree	14	5.45	211	82.10
Medicine degree	6	2.33	217	84.44
Other professional degree	5	1.95	222	86.38
Ph.D or Ed.D	29	11.28	251	97.67
Other doctoral degree	6	2.33	257	100.00

Frequency Missing = 74

COLLEGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Engineering	331	100.00	331	100.00

SEX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Female	37	15.55	37	15.55
Male	201	84.45	238	100.00

Frequency Missing = 93

RACE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Nonresident Alien	19	7.98	19	7.98
African American	4	1.68	23	9.66
Asian	3	1.26	26	10.92
Hispanic	2	0.84	28	11.76
White	206	86.55	234	98.32
Missing	4	1.68	238	100.00

Frequency Missing = 93