

APPENDIX

Faculty

The detailed data on the distribution of the faculty in various ranks (Professor, Associate Professor, Assistant Professor, and Lecturer) and in various departments is shown in Table A.1 for academic years 1999-2006.

Table A.1. Distribution of COE Faculty by Depts and Ranks During 1999-2006.

BIOENGINEERING	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor	2.00	2.50	2.50	3.58	4.58	5.58	3.58	4.58
Assoc Professor	0.25	0.25	0.83	1.25	1.25	1.25	2.25	4.00
Assistant Professor	3.00	3.50	5.00	8.00	8.00	7.00	6.00	5.00
Lecturers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	5.25	6.25	8.33	12.83	13.83	13.83	11.83	13.58

CHEMICAL ENGINEERING	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor	6.00	6.00	6.00	6.00	4.00	4.00	4.00	3.50
Assoc Professor	4.00	4.00	4.00	4.00	5.00	4.00	4.00	2.25
Assistant Professor	2.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
Lecturers	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00
Total	12.00	11.00	11.50	11.50	9.00	8.00	8.00	5.75

CIVIL AND MATERIALS ENGINEERING	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor	8.00	8.00	8.00	7.00	7.00	7.00	7.00	7.25
Assoc Professor	4.00	4.00	4.75	3.75	3.75	2.75	2.75	3.75
Assistant Professor	3.75	1.75	3.00	2.00	2.00	3.60	4.60	3.60
Lecturers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	15.75	13.75	15.75	12.75	12.75	13.35	14.35	14.60

MECHANICAL AND INDUSTRIAL ENGINEERING	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor	9.75	12.00	13.00	13.00	13.00	13.00	14.00	13.50
Assoc Professor	8.00	7.00	5.00	3.00	5.00	4.00	2.00	2.00
Assistant Professor	7.50	6.00	7.00	8.00	5.00	3.00	4.00	5.00
Lecturers	2.00	1.55	2.55	2.55	1.55	0.66	0.66	0.66
Total	27.25	26.55	27.55	26.55	24.55	20.66	20.66	21.16

COMPUTER SCIENCE	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor				7.00	8.00	8.00	6.00	6.50
Assoc Professor				11.50	10.50	13.50	14.50	15.00
Assistant Professor				7.00	7.00	5.00	5.00	4.00
Lecturers				4.00	4.00	4.00	4.00	3.00
Total				29.50	29.50	30.50	29.50	28.50

ELECTRICAL AND COMPUTER ENGINEERING	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor				9.75	10.75	10.75	8.75	9.75
Assoc Professor				8.50	8.50	8.50	9.50	10.00
Assistant Professor				4.00	3.00	4.00	8.00	8.00
Lecturers				4.00	4.50	4.50	3.50	2.50
Total				26.25	26.75	27.75	29.75	30.25

**ELECTRICAL ENGINEERING AND COMPUTER
SCIENCE**

	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor	13.25	11.50	14.50					
Assoc Professor	24.75	21.75	19.75					
Assistant Professor	8.75	12.75	10.00					
Lecturers	6.00	7.00	8.00					
Total	52.75	53.00	52.25					

COLLEGE TOTALS

	AY99	AY00	AY01	AY02	AY03	AY04	AY05	AY06
Professor	39.00	40.00	44.00	46.33	47.33	48.33	43.33	45.08
Assoc Professor	41.00	37.00	34.33	32.00	34.00	34.00	35.00	37.00
Assistant Professor	25.00	25.00	26.00	30.00	25.00	22.60	27.60	25.60
Lecturers	8.00	8.55	11.05	11.05	10.05	9.16	8.16	6.16
Total	113.00	110.55	115.38	119.38	116.38	114.09	114.09	113.84

Research Funding

Table A.2 shows the research funding data for 1999-2005 for the faculty in various departments.

Table A.2. Department and per faculty grants and contracts funding data. The College used to have a combined EECS department prior to 2001 when it was split into ECE and CS departments.

	BioE \$ \$/Fac.	CME \$ \$/Fac.	CS \$ \$/Fac.	ChE \$ \$/Fac.	ECE \$ \$/Fac.	MIE \$ \$/Fac.	ERC \$ \$/Fac.	EECS \$ \$/Fac.
1999	\$267,822 \$51,014	\$1,665,383 \$105,739		\$759,701 \$63,308		\$2,296,586 \$90,954	\$1,006,107	\$3,900,598 \$83,435
2000	\$405,100 \$64,816	\$1,768,241 \$128,599		\$732,948 \$66,632		\$2,760,548 \$110,422	\$1,012,922	\$6,294,755 \$136,842
2001	\$894,105 \$107,336	\$1,768,631 \$112,294		\$828,502 \$75,318		\$3,235,865 \$129,435	\$1,423,265	\$6,888,969 \$155,683
2002	\$1,592,394 \$124,115	\$1,628,204 \$127,702	\$6,807,453 \$266,959	\$795,308 \$72,301	\$2,388,882 \$107,365	\$3,143,440 \$130,977	\$2,897,871	
2003	\$1,848,881 \$133,686	\$1,586,089 \$124,399	\$9,708,202 \$380,714	\$694,854 \$77,206	\$3,482,145 \$156,501	\$2,951,012 \$128,305	\$3,473,602	
2004	\$2,589,752 \$187,256	\$1,899,482 \$142,283	\$6,386,658 \$241,006	\$712,563 \$89,070	\$3,604,231 \$155,021	\$3,003,560 \$150,178	\$2,612,141	
2005	\$2,547,443 \$215,338	\$1,845,414 \$128,600	\$6,854,128 \$232,343	\$997,603 \$124,700	\$3,219,837 \$108,230	\$3,507,631 \$169,779	\$2,148,925	

Undergraduate Students

Table A.3 shows the detailed data on the undergraduate student distribution in the College and various departments in various ranks (freshmen, sophomores, juniors and seniors) for fall 1999-2005.

Table A.3 Distribution of the College of Engineering Undergraduate students by departments during fall 1999-2005.

Bioengineering					
	Freshman	Sophomore	Junior	Senior	Total
1999	19	16	18	32	85
2000	22	14	14	27	77
2001	25	23	15	27	90
2002	45	23	26	41	135
2003	39	38	29	55	161
2004					186
2005					179

Civil and Materials Engineering					
	Freshman	Sophomore	Junior	Senior	Total
1999	33	16	21	64	134
2000	27	14	18	56	115
2001	31	15	29	52	127
2002	30	24	36	67	157
2003	40	30	39	77	186
2004					189
2005					206

Computer Science*					
	Freshman	Sophomore	Junior	Senior	Total
1999*	92	56	69	119	336
2000*	101	56	68	121	346
2001	107	57	75	120	359
2002	85	58	55	124	322
2003	66	48	58	115	287
2004					215
2005					185

Chemical Engineering					
	Freshman	Sophomore	Junior	Senior	Total
1999	32	21	28	79	160
2000	25	15	26	78	144
2001	21	19	24	63	127
2002	13	20	20	55	108
2003	13	9	18	44	84
2004					65
2005					91

Electrical and Computer Engineering

	Freshman	Sophomore	Junior	Senior	Total
1999	197	137	197	329	860
2000	221	117	206	377	921
2001	227	134	175	389	925
2002	180	122	170	346	818
2003	149	86	154	346	735
2004					631
2005					519

Mechanical and Industrial Engineering

	Freshman	Sophomore	Junior	Senior	Total
1999	67	41	76	133	317
2000	84	36	63	148	331
2001	76	47	59	152	334
2002	67	51	52	135	305
2003	83	57	63	121	324
2004					347
2005					370

COE

	Freshman	Sophomore	Junior	Senior	Total
1999	440	287	409	756	1892
2000	480	252	395	807	1934
2001	487	295	377	803	1962
2002	420	298	359	768	1845
2003	390	268	361	758	1777
2004	348	209	355	729	1641
2005	312	237	301	700	1550

* Starting Fall 2001, the EECS (Electrical Engineering and Computer Science) Department was split into

2 departments, ECE (Electrical and Computer Engineering) and CS (Computer Science)

1999 and 2000 numbers in CS reflect enrollment in the CS major

Table A.4 reports the number of B.S. degrees in Engineering awarded in years 2000 to 2005.

Table A.4. Number of B.S. Degrees Awarded in 2000-2005 in various departments and the College.

	AY00	AY01	AY02	AY03	AY04	AY05
BioE	11	19	10	17	16	34
ChE	33	32	29	30	33	10
CME	28	27	22	26	44	35
CS	50	58	65	61	61	53
ECE	161	195	196	173	166	171
MIE	65	70	85	74	65	63
College	348	401	407	381	385	366

Graduate Students

Table A.5 shows the detailed data on the graduate student distribution in the College and various departments in various degree programs (Ph.D., M.S) for fall 1999-2005.

Table A.5. Graduate student (Ph.D., M.S.) enrollment data for College of Engineering in various departments during fall 1999-2005.

Bioengineering			
	MS	PhD	Total
1999	38	26	64
2000	53	39	92
2001	69	48	117
2002	96	70	166
2003	89	91	180
2004	85	95	180
2005	65	105	170

Civil and Materials Engineering			
	MS	PhD	Total
1999	43	34	77
2000	49	29	78
2001	66	27	93
2002	76	25	101
2003	67	32	99
2004	61	36	97
2005	56	39	95

Computer Science			
	MS	PhD	Total
1999			
2000			
2001	174	59	233
2002	143	74	217
2003	115	86	201
2004	109	92	201
2005	151	101	252

Chemical Engineering			
	MS	PhD	Total
1999	27	17	44
2000	38	18	56
2001	40	13	53
2002	35	20	55
2003	21	27	48
2004	14	32	46
2005	11	28	39

Electrical Engineering and Computer Science			
	MS	PhD	Total
1999	414	80	494

2000	424	93	517
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Electrical and Computer Engineering

	MS	PhD	Total
1999			
2000			
2001	194	48	242
2002	212	64	276
2003	104	97	201
2004	85	95	180
2005	78	98	176

Mechanical and Industrial Engineering

	MS	PhD	Total
1999	90	59	149
2000	87	56	143
2001	108	65	173
2002	116	60	176
2003	119	65	184
2004	85	72	157
2005	69	53	122

College of Engineering

	MS	PhD	Total
1999	612	216	828
2000	651	235	886
2001	651	260	911
2002	678	313	991
2003	515	398	913
2004	439	422	861
2005	430	424	854

Table A.6 shows the department and College of Engineering data on Ph.D. graduates during fall 1999 to 2005. While the total number of Ph.D. students in the College of Engineering is 422 in 2004, the total number of Ph.D. graduates of 30 is low. In the future, we will try to target a larger number of Ph.D. student graduations from the College.

Table A.6. Department and per faculty Ph.D. production data during 1999 to 2005.
The table shows the total number of Ph.D. graduates and the per faculty Ph.D. graduation data.

	COE PhD PhD/Fac.	BioE PhD PhD/Fac.	CME PhD PhD/Fac.	CS PhD PhD/Fac.	ChE PhD PhD/Fac.	ECE PhD PhD/Fac.	MIE PhD PhD/Fac.
1999		1 .2	5 .4		1 .1		11 .4
2000		1 .1	3 .2		3 .3		8 .3
2001	28 .3	5 .4	6 .5	1 .03	4 .3	4 .2	8 .3
2002	26 .2	2 .1	5 .4	7 .2	1 .1	1 .04	10 .4
2003	42 .4	10 .7	4 .3	7 .2	3 .4	6 .2	12 .6
2004	30 .3	2 .1	6 .5	6 .2	3 .4	2 .1	11 .5
2005	41 .4	7 .6	5 .3	4 .1	8 1.0	11 .4	6 .3

Table A.7 shows the number of M.S. degrees conferred in the College of Engineering during 1999 to 2004.

Table A.7. M.S. Degrees Conferred During 1999 to 2005

Year	COE M.S.	BioE M.S.	CME M.S.	CS M.S.	ChE M.S.	EECS M.S.	ECE M.S.	MIE M.S.
1999	189	9	12		7	115		46
2000	223	8	14		10	156		35
2001	244	13	23		4	178		26
2002	202	22	18	44	9	35	32	42
2003	245	27	18	78	10		74	38
2004	302	17	38	73	5		95	74
2005	200	34	20	27	11		52	56