

2003 GRADUATE SURVEY RESULTS

Mechanical Engineering College of Engineering All Professional

Bachelor's Degree Recipients

TOTAL NUMBER OF GRADUATES SURVEYED	87	100%		563	100%		1,754	100%	
Questionnaires:									
Not returned	49	56%		382	68%		1,119	64%	
Not delivered by post office	10	11%		30	5%		114	6%	
Returned by graduate	28	32%		151	27%		521	30%	
Responding graduates currently:									
Working	19	68%		106	70%		408	78%	
Attending or waiting to attend school	5	18%		35	23%		100	19%	
Unemployed	5	18%		26	17%		57	11%	

Master's Degree Recipients

TOTAL NUMBER OF GRADUATES SURVEYED	27	100%		226	100%		1,490	100%	
Questionnaires:									
Not returned	16	59%		126	56%		741	50%	
Not delivered by post office	2	7%		9	4%		77	5%	
Returned by graduate	9	33%		91	40%		672	45%	
Responding graduates currently:									
Working	6	67%		75	82%		602	90%	
Attending or waiting to attend school	3	33%		15	16%		88	13%	
Unemployed				6	7%		51	8%	

Doctoral Degree Recipients

TOTAL NUMBER OF GRADUATES SURVEYED	7	100%		49	100%		610	100%	
Questionnaires:									
Not returned.....	2	29%		22	45%		339	56%	
Not delivered by post office	2	29%		4	8%		35	6%	
Returned by graduate	3	43%		23	47%		236	39%	
Responding graduates currently:									
Working	3	100%		23	100%		219	93%	
Attending or waiting to attend school				2	9%		27	11%	
Unemployed				1	4%		12	5%	

Subsequent tables for doctoral degree recipients are not included because of the low number of respondents.

DEMOGRAPHIC SUMMARY - Bachelor's Degree Recipients

	<u>Mechanical Engineering</u>		<u>College of Engineering</u>		<u>All Professional</u>	
Current primary activity						
EMPLOYED BY A US ORGANIZATION						
Public sector:						
Postsecondary education			5	4% █	12	3% █
K-12 education					2	1% █
Government or military	2	7% █	12	9% █	51	12% █
Private sector, including education:						
Non-profit			1	1% █	32	7% █
For profit	13	48% █	59	42% █	194	44% █
Museum						
EMPLOYED BY AN INTERNATIONAL ORGANIZATION						
In the US	2	7% █	12	9% █	27	6% █
Outside of the US			1	1% █	6	1% █
CONTINUING YOUR EDUCATION	5	19% █	24	17% █	63	14% █
UNEMPLOYED	5	19% █	25	18% █	52	12% █

Working

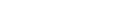
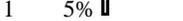
JOB IS: Full-time, career field, permanent	13	72% █	57	58% █	174	44% █
Full-time, career field, will change	2	11% █	21	21% █	121	31% █
Full-time, outside career field	1	6% █	8	8% █	42	11% █
Full-time, temporary	2	11% █	7	7% █	31	8% █
Part-time			6	6% █	25	6% █
WORK IS: Definitely beneath my level	1	6% █	12	12% █	54	14% █
Somewhat beneath my level	3	18% █	16	16% █	78	20% █
At an appropriate level	13	76% █	70	71% █	255	65% █
At too advanced a level					5	1% █
ATTENDING SCHOOL? Yes, related to UW education					10	3% █
Yes, career related, new area	2	11% █	10	10% █	19	5% █
Yes, not career related	1	5% █	3	3% █	10	3% █
No	16	84% █	91	88% █	360	90% █
MONTHLY INCOME: Under \$1000			4	4% █	23	6% █
1000- 1499			3	3% █	27	7% █
1500- 1999	1	6% █	3	3% █	29	7% █
2000- 2499	2	12% █	10	10% █	72	18% █
2500- 2999	3	18% █	14	14% █	63	16% █
3000- 3499	4	24% █	17	18% █	59	15% █
3500- 3999	1	6% █	14	14% █	46	12% █
4000- 4500	3	18% █	13	13% █	35	9% █
4500- 4999	2	12% █	7	7% █	12	3% █
5000- 5499	1	6% █	4	4% █	8	2% █
5500- 5999			5	5% █	11	3% █
Over \$6000			3	3% █	11	3% █

JOB LOCATION:	King, Pierce, Snohomish	7	41%		34	45%		175	61%	
	Other Washington counties	4	24%		11	15%		25	9%	
	Alaska, Idaho, Oregon							13	4%	
	California, Hawaii	2	12%		9	12%		22	8%	
	Mountain states				3	4%		7	2%	
	Central states	1	6%		2	3%		9	3%	
	Eastern states							7	2%	
	International	3	18%		16	21%		31	11%	
JOB SEARCH:	Newspaper ads	1	4%		6	5%		29	6%	
	The Internet	7	26%		27	23%		94	21%	
	Professional organization				4	3%		13	3%	
	Employment agency	2	7%		3	3%		15	3%	
	Faculty advisor or committee	1	4%		11	9%		29	6%	
	Networking/personal contacts	10	37%		46	40%		222	49%	
	UW Center for Career Services	6	22%		19	16%		52	11%	

Attending School

LEVEL OF EDUCATIONAL PROGRAM:	Bachelor's				8	24%		21	22%	
	Terminal Master	1	20%		2	6%		6	6%	
	Master's/PhD	4	80%		21	64%		52	54%	
	Professional				2	6%		9	9%	
	Vocational							2	2%	
	Other							6	6%	
ARE YOU ALSO EMPLOYED?	Yes, by the school	3	60%		14	48%		24	28%	
	Yes, other part-time	2	40%		4	14%		12	14%	
	Yes, other full-time				1	3%		5	6%	
	No				10	34%		43	51%	

Unemployed

REASON NOT WORKING	Volunteering							3	6%	
	Raising a family				1	5%		9	17%	
	Taking care of an ill relative									
	Traveling, etc.				1	5%		4	8%	
	Looking for work	3	100%		18	82%		27	52%	
	Deciding what to do							1	2%	
	Taking time off							2	4%	
	Disillusioned about job search				2	9%		6	12%	

STUDENT INVOLVEMENT - Bachelor's Degree Recipients

Mechanical Engineering

College of Engineering

All Professional

If I had to make my college choice over again, I would choose to attend UW.

	Mechanical Engineering	College of Engineering	All Professional
Strongly disagree	1	1	12
Disagree	4	6	26
Indifferent	15	20	61
Agree	56%	42%	37%
Strongly agree	26%	40%	43%

During the past year, how many hours each month, on average, did you devoted to volunteer work or a community action program?

	Mechanical Engineering	College of Engineering	All Professional
None	14	87	229
1 - 3	8	28	133
4 - 6	3	16	50
7 - 10	1	9	41
Over 10	2	10	53

In the past year, approximately how much have you contributed monetarily to charities or philanthropies?

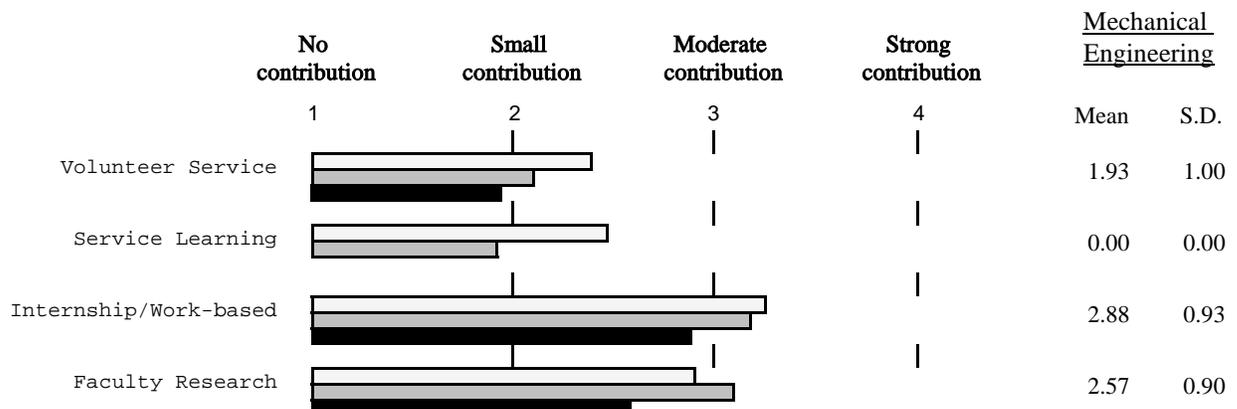
	Mechanical Engineering	College of Engineering	All Professional
Less than \$100	18	89	294
\$100 - 250	5	28	99
\$250 - 500	1	15	45
\$500 - 1000	1	5	34
Over \$1000	3	12	33

While a UW student, did you participate in:

	Yes	No	Yes	No	Yes	No
Community volunteer service (outside of UW)	15	13	74	76	300	205
Community service as part of a UW course (Service learning)		27	12	137	126	374
A public service internship or other work-based learning (for credit or pay)	8	19	60	89	214	284
Faculty research beyond being a research subject	7	20	57	91	143	352

How has your participation contributed to your preparation and success in your current primary activity?

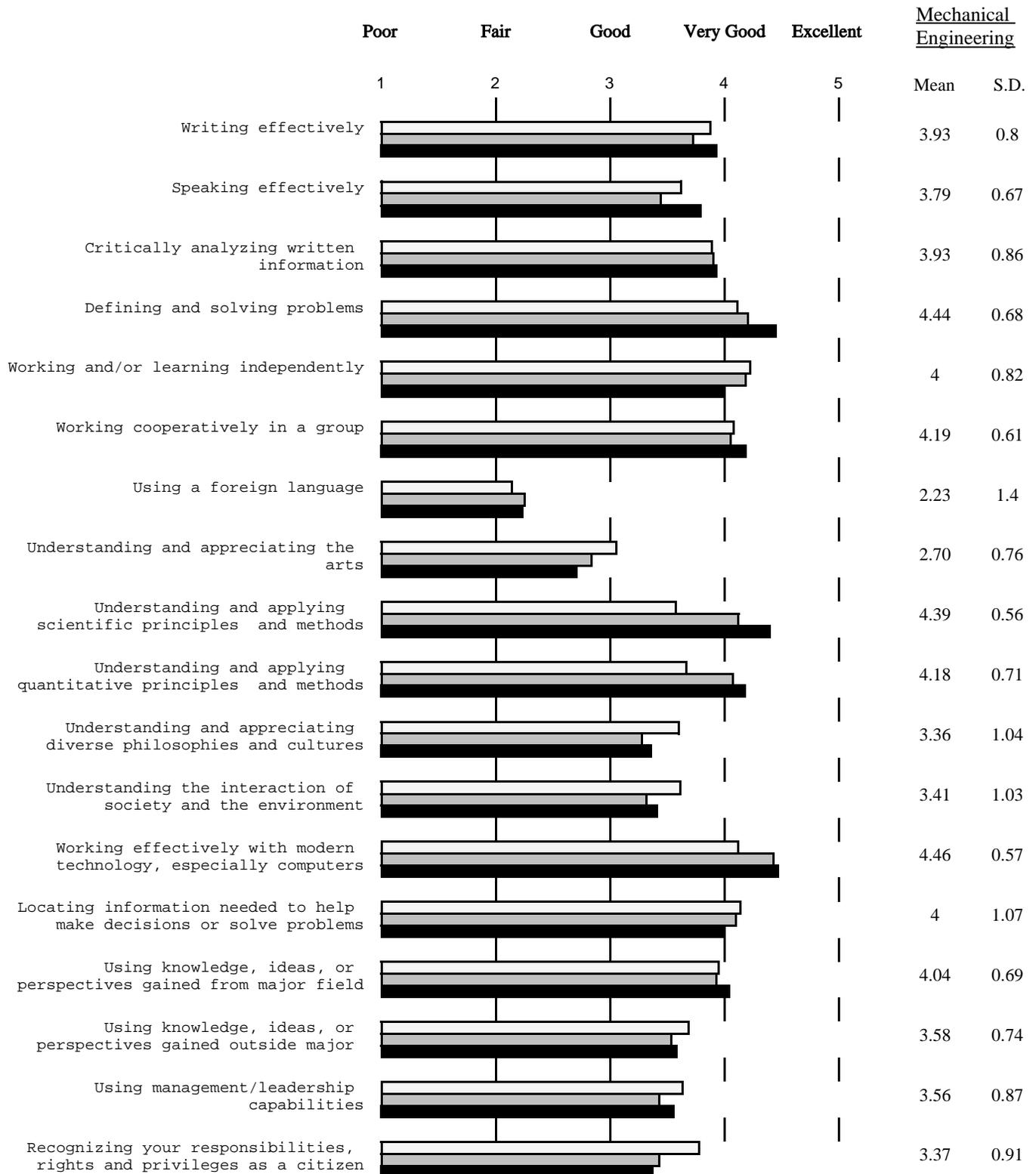
Mechanical Engineering 
College of Engineering 
All Professional 



STUDENT OUTCOMES - Bachelor's Degree Recipients

YOUR SKILLS: Rate yourself on each of the following abilities.

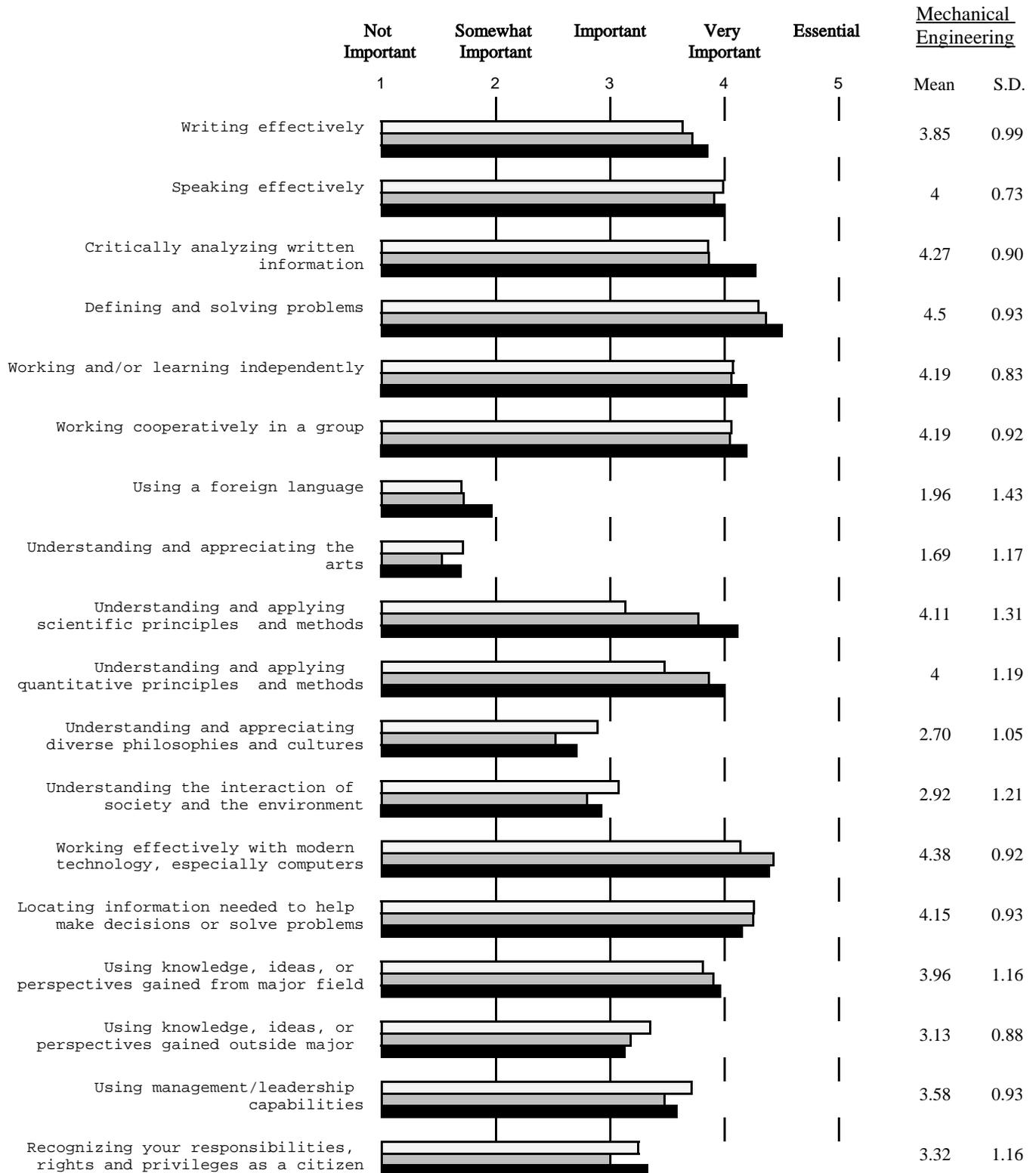
Mechanical Engineering 
College of Engineering 
All Professional 



STUDENT OUTCOMES - Bachelor's Degree Recipients

NECESSITY: How important are each of these abilities to your current primary activity?

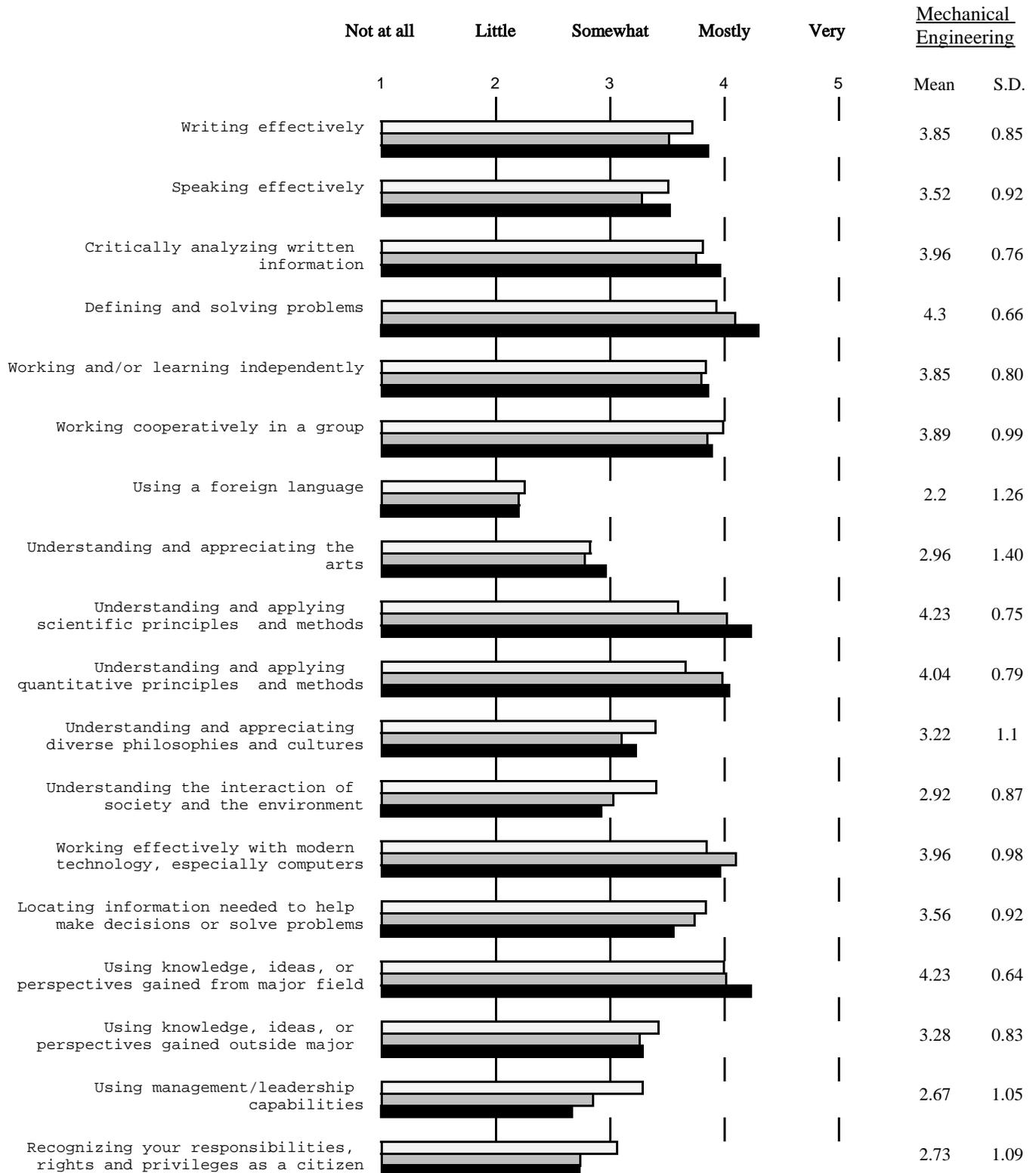
Mechanical Engineering
College of Engineering
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STUDENT OUTCOMES - Bachelor's Degree Recipients

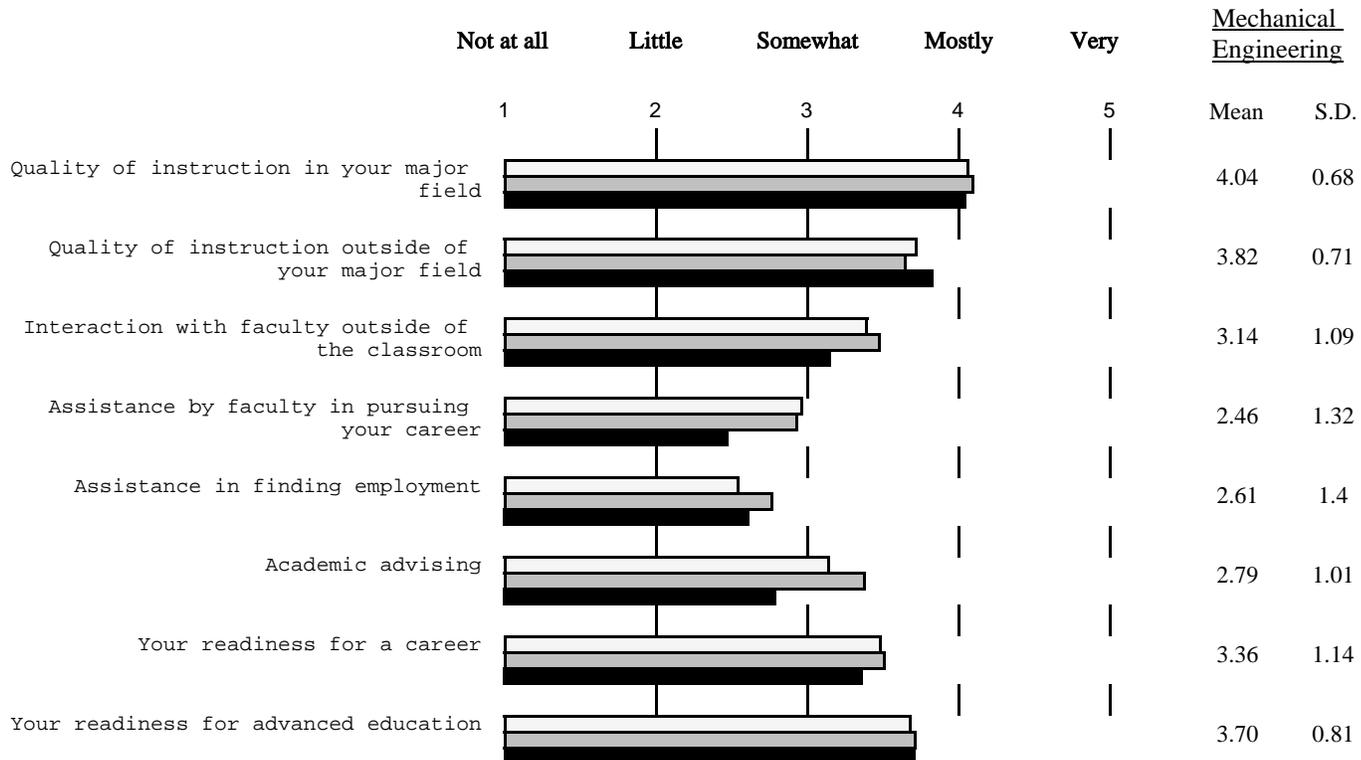
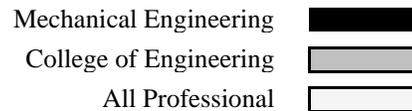
SATISFACTION: How satisfied are you with the University of Washington's contribution to your development in each area?

Mechanical Engineering
College of Engineering
All Professional



STUDENT OUTCOMES - Bachelor's Degree Recipients

In general, how satisfied are you with your UW education with regard to each of the following?



DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	<u>Mechanical Engineering</u>	<u>College of Engineering</u>	<u>All Professional</u>
Working			
JOB IS: Full-time, career field, permanent ...	4 67%	53 72%	356 60%
Full-time, career field, will change	2 33%	10 14%	151 25%
Full-time, outside career field		1 1%	13 2%
Full-time, temporary		7 9%	26 4%
Part-time		3 4%	50 8%
WORK IS: Definitely beneath my level		2 3%	38 6%
Somewhat beneath my level	1 17%	17 23%	99 17%
At an appropriate level	5 83%	55 73%	459 77%
At too advanced a level		1 1%	3 1%
ATTENDING SCHOOL? Yes, post-graduate in my degree		9 12%	71 12%
Yes, career related, new area	1 17%	10 13%	73 12%
Yes, not career related	1 17%	7 9%	24 4%
No	4 67%	49 65%	432 72%
MONTHLY INCOME: Under \$500			2 1%
\$500 - 999		1 1%	6 1%
1000- 1499		1 1%	19 3%
1500- 1999		2 3%	24 4%
2000- 2499		1 1%	70 12%
2500- 2999		4 6%	56 10%
3000- 3499	1 17%	6 8%	96 16%
3500- 3999	2 33%	10 14%	53 9%
4000- 4500	1 17%	9 12%	57 10%
Over \$4500	2 33%	38 53%	205 35%
JOB LOCATION: King, Pierce, Snohomish	2 50%	39 72%	286 70%
Other Washington counties		3 6%	19 5%
Alaska, Idaho, Oregon		2 4%	17 4%
California, Hawaii	2 50%	6 11%	25 6%
Mountain states		1 2%	16 4%
Central states		1 2%	8 2%
Eastern states			24 6%
International		2 4%	13 3%
JOB SEARCH: Newspaper ads		2 4%	38 9%
World wide web/internet	2 40%	24 44%	158 36%
Employment agency	2 40%	9 16%	25 6%
Professional organization		8 15%	95 22%
Faculty advisor or committee	1 20%	12 22%	123 28%

DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	<u>Mechanical Engineering</u>	<u>College of Engineering</u>	<u>All Professional</u>
Attending School			
LEVEL OF EDUCATIONAL PROGRAM: Undergraduate			
Master's			3 4% █
Doctoral	3 100% █	12 80% █	68 80% █
Professional ...		1 7% █	9 11% █
Vocational			1 1% █
Other		2 13% █	4 5% █
ARE YOU ALSO EMPLOYED? Yes, by the school			
Yes, other part-time	2 67% █	7 58% █	26 39% █
Yes, other full-time			3 5% █
No	1 33% █	2 17% █	15 23% █
		3 25% █	22 33% █
Unemployed			
LOOKING FOR WORK? Yes, career field only			
Yes, any field		2 33% █	24 47% █
Yes, may be temporary			3 6% █
No, traveling, etc.		2 33% █	10 20% █
No, deciding what to do		1 17% █	6 12% █
No, not at present		1 17% █	2 4% █
			6 12% █

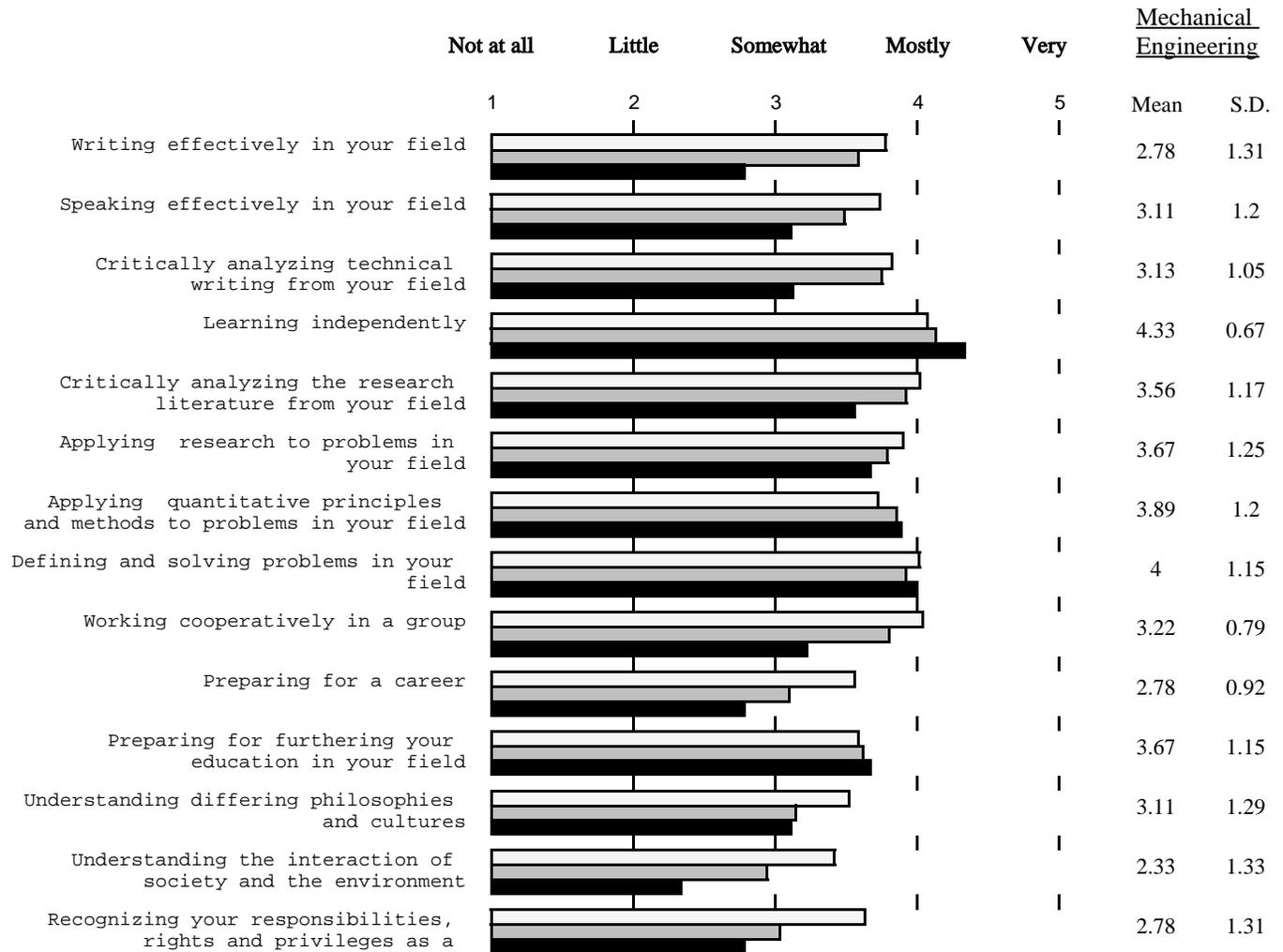
TYPE OF EMPLOYER - Master's Degree Recipients

Business (for profit)		36 40% █	157 24% █
Business (not for profit)		1 1% █	24 4% █
Education (K-12)		2 2% █	83 13% █
Education (post-secondary)			
Univ/college tenure-track faculty		2 2% █	14 2% █
Univ/college non-tenure-track faculty			25 4% █
Univ/college research or administrative ...	1 11% █	4 4% █	38 6% █
Postdoctoral appointment			6 1% █
Government agency	2 22% █	10 11% █	87 13% █
Industry	2 22% █	23 25% █	38 6% █
Law firm		1 1% █	19 3% █
Medical faculty	1 11% █	1 1% █	60 9% █
Military	2 22% █	3 3% █	13 2% █
Private practice		2 2% █	17 3% █
Self-employed		2 2% █	10 2% █
Social service agency			19 3% █
Other	1 11% █	4 4% █	36 6% █

STUDENT OUTCOMES - Master's Degree Recipients

How satisfied are you with the University of Washington's contribution to your professional and academic growth in each of the following areas?

Mechanical Engineering 
College of Engineering 
All Professional 



In general, how satisfied are you with your UW education for this degree with regard to each of the following?



CURRENT ACTIVITY ROSTER

Working		Job Title	Employer
BACHELOR'S	Permanent in career:	Engr-Flight Cntrl Analyst	Boeing Co.
		systems engineer	raytheon
		Engineer/Scientist 1	Boeing
		airplane safety engineer	boeing
		mechanical engineer	coffman engineers
	Career, change likely:	Mechanical Design Engineer	P2S Engineering
		project engineer	nuwc keyport
		STRUCTURAL ANALYST	VOUGHT AIRCRAFT INC.
		Sales/Mechanical Engr.	Canflex (USA) Inc.
		structural analyst	boeing
Not career, full-time:	engineer	psns	
	clerk	multicare	
Not career, temporary:	mechanical engineer	volt	
	engineer/safety director	seatac packaging	
DOCTORATE	Permanent in career:	Sr. Software Engineer	Intel
	Career, change likely:	Postdoc	Stanford University
MASTER'S	Permanent in career:	Mechanical Engineer	Raytheon
		mechanical engineer	boeing
	Career, change likely:	Associate Engineer	Dept. of Energy
		Research Scientist	UW

In School	Program Level	Program	Field of study	Institution
BACHELOR'S	Masters/Doctoral	Master's in Mech E		University of Washington
		Mechanical Engineering	Biomechanics	University of Washington
	Terminal Masters	Master of Science	Mechanical Engineering	University of Washington
MASTER'S	Masters/Doctoral	PhD. Mech. Engineering		U of Washington
		Mechanical Engineering		U Washington

Unemployed	Type of work seeking
BACHELOR'S	Engineering engineering (mechanical)