

2011 GRADUATE SURVEY RESULTS

	<u>Mechanical Engineering</u>	<u>College Of Engineering</u>	<u>All Professional</u>
Bachelor's Degree Recipients			
TOTAL NUMBER OF GRADUATES SURVEYED	111 100% 	627 100% 	2,105 100% 
Questionnaires:			
Not returned	75 68% 	447 71% 	1,470 70% 
Not delivered by post office	6 5% 	45 7% 	139 7% 
Returned by graduate	30 27% 	135 22% 	496 24% 
Responding graduates currently:			
Working	25 83% 	103 76% 	400 81% 
Attending or waiting to attend school	4 13% 	32 24% 	104 21% 
Unemployed	2 7% 	11 8% 	39 8% 

Master's Degree Recipients			
TOTAL NUMBER OF GRADUATES SURVEYED	44 100% 	353 100% 	2,445 100% 
Questionnaires:			
Not returned	24 55% 	207 59% 	1,421 58% 
Not delivered by post office	1 2% 	17 5% 	91 4% 
Returned by graduate	19 43% 	129 37% 	933 38% 
Responding graduates currently:			
Working	15 79% 	109 84% 	834 89% 
Attending or waiting to attend school	4 21% 	26 20% 	136 15% 
Unemployed	2 11% 	7 5% 	73 8% 

Doctoral Degree Recipients			
TOTAL NUMBER OF GRADUATES SURVEYED	8 100% 	81 100% 	882 100% 
Questionnaires:			
Not returned.....	5 62% 	41 51% 	499 57% 
Not delivered by post office	2 25% 	8 10% 	33 4% 
Returned by graduate	1 12% 	32 40% 	350 40% 
Responding graduates currently:			
Working	1 100% 	32 100% 	318 91% 
Attending or waiting to attend school		1 3% 	43 12% 
Unemployed			32 9% 

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>
Working				
JOB IS:	Full-time, career field, permanent	14 56% █████	64 63% █████	199 51% █████
	Full-time, career field, will change	7 28% █████	26 25% █████	119 30% █████
	Full-time, outside career field		2 2% █	17 4% █
	Full-time, temporary	1 4% █	3 3% █	19 5% █
	Part-time	3 12% █	7 7% █	40 10% █
WORK IS:	Definitely beneath my level	3 12% █	7 7% █	46 12% █
	Somewhat beneath my level	7 28% █████	18 18% █████	75 19% █████
	At an appropriate level	14 56% █████	73 73% █████	263 67% █████
	At too advanced a level	1 4% █	2 2% █	6 2% █
ATTENDING SCHOOL?	Yes, related to UW education	4 16% █	11 11% █	36 9% █
	Yes, career related, new area		3 3% █	23 6% █
	Yes, not career related		1 1% █	2 1% █
	No	21 84% █████	86 85% █████	336 85% █████
MONTHLY INCOME:	Under \$1000	1 4% █	3 3% █	25 6% █
	1000- 1499	2 8% █	6 6% █	27 7% █
	1500- 1999		2 2% █	21 5% █
	2000- 2499	1 4% █	7 7% █	38 10% █
	2500- 2999		5 5% █	32 8% █
	3000- 3499	4 16% █	10 10% █	43 11% █
	3500- 3999		6 6% █	38 10% █
	4000- 4500	1 4% █	11 11% █	44 11% █
	4500- 4999	5 20% █████	14 14% █	38 10% █
	5000- 5499	6 24% █████	23 22% █████	48 12% █
	5500- 5999	4 16% █	10 10% █	16 4% █
	Over \$6000	1 4% █	6 6% █	17 4% █
JOB LOCATION:	King, Pierce, Snohomish	19 79% █████	72 74% █████	271 74% █████
	Other Washington counties	2 8% █	7 7% █	26 7% █
	Alaska, Idaho, Oregon	1 4% █	3 3% █	11 3% █
	California, Hawaii	2 8% █	7 7% █	31 8% █
	Mountain states		2 2% █	8 2% █
	Central states		2 2% █	5 1% █
	Eastern states		3 3% █	11 3% █
	International		1 1% █	4 1% █
JOB SEARCH:	Newspaper ads	1 2% █	1 1% █	5 1% █
	The Internet	10 25% █████	51 38% █████	156 29% █████
	Professional organization	2 5% █	6 4% █	44 8% █
	Employment agency	1 2% █	3 2% █	20 4% █
	Faculty advisor or committee	5 12% █	13 10% █	44 8% █
	Networking/personal contacts	16 40% █████	43 32% █████	210 39% █████
	UW Center for Career Services	5 12% █	19 14% █	58 11% █

Attending School

LEVEL OF EDUCATIONAL PROGRAM: Bachelor's	1	25%		6	20%		16	17%	
Terminal Master	1	25%		6	20%		12	13%	
Master's/PhD	2	50%		18	60%		57	61%	
Professional							5	5%	
Vocational									
Other							3	3%	
ARE YOU ALSO EMPLOYED? Yes, by the school	2	50%		12	39%		26	25%	
Yes, other part-time ...				4	13%		25	24%	
Yes, other full-time ...				1	3%		3	3%	
No	2	50%		14	45%		49	48%	

Unemployed

REASON NOT WORKING	Volunteering			1	10%		4	11%		
	Raising a family			1	10%		3	9%		
	Taking care of an ill relative									
	Traveling, etc.						2	6%		
	Looking for work	1	50%		4	40%		15	43%	
	Deciding what to do	1	50%		2	20%		4	11%	
	Taking time off				1	10%		3	9%	
	Disillusioned about job search				1	10%		4	11%	

STUDENT INVOLVEMENT - Bachelor's Degree Recipients

Mechanical Engineering

College Of Engineering

All Professional

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

Hours	Mechanical Engineering	College Of Engineering	All Professional
None	19 66%	74 56%	231 48%
1 - 3	4 14%	29 22%	123 26%
4 - 6	3 10%	13 10%	48 10%
7 - 10	1 3%	6 5%	29 6%
Over 10	2 7%	10 8%	50 10%

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

Amount	Mechanical Engineering	College Of Engineering	All Professional
Less than \$100	15 50%	76 58%	278 58%
\$100 - 250	8 27%	23 18%	98 20%
\$250 - 500	4 13%	14 11%	43 9%
\$500 - 1000	1 3%	4 3%	22 5%
Over \$1000	2 7%	14 11%	39 8%

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

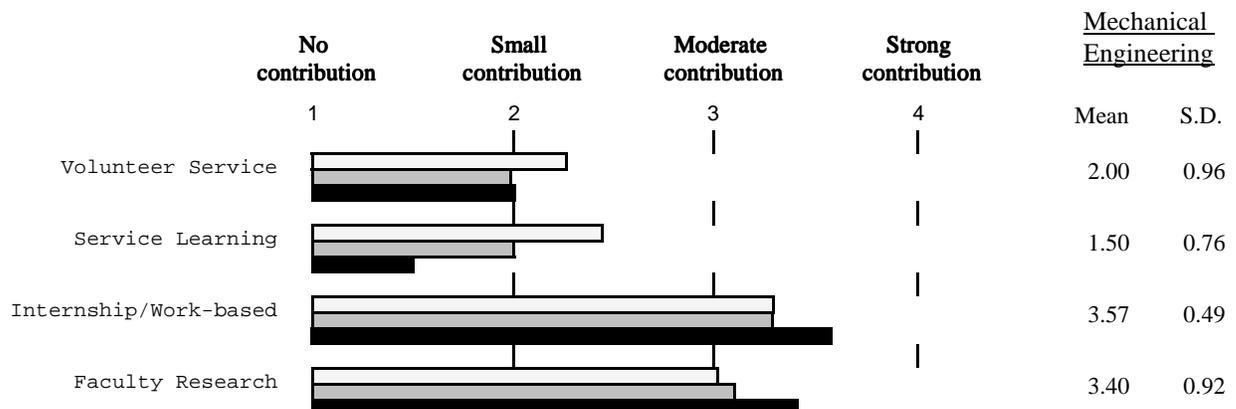
Response	Mechanical Engineering	College Of Engineering	All Professional
Strongly disagree	1 3%	4 3%	21 4%
Disagree	1 3%	1 1%	11 2%
Indifferent	4 14%	12 9%	40 8%
Agree	6 21%	34 27%	146 31%
Strongly agree	17 59%	76 60%	254 54%

While a UW student, did you participate in:

	Yes	No	Yes	No	Yes	No
Community volunteer service (outside of UW)	13	16	59	70	285	196
Community service as part of a UW course (Service learning)	6	22	21	105	174	300
A public service internship or other work-based learning (for credit or pay)	7	22	40	87	192	284
Faculty research beyond being a research subject	10	18	68	60	139	337

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

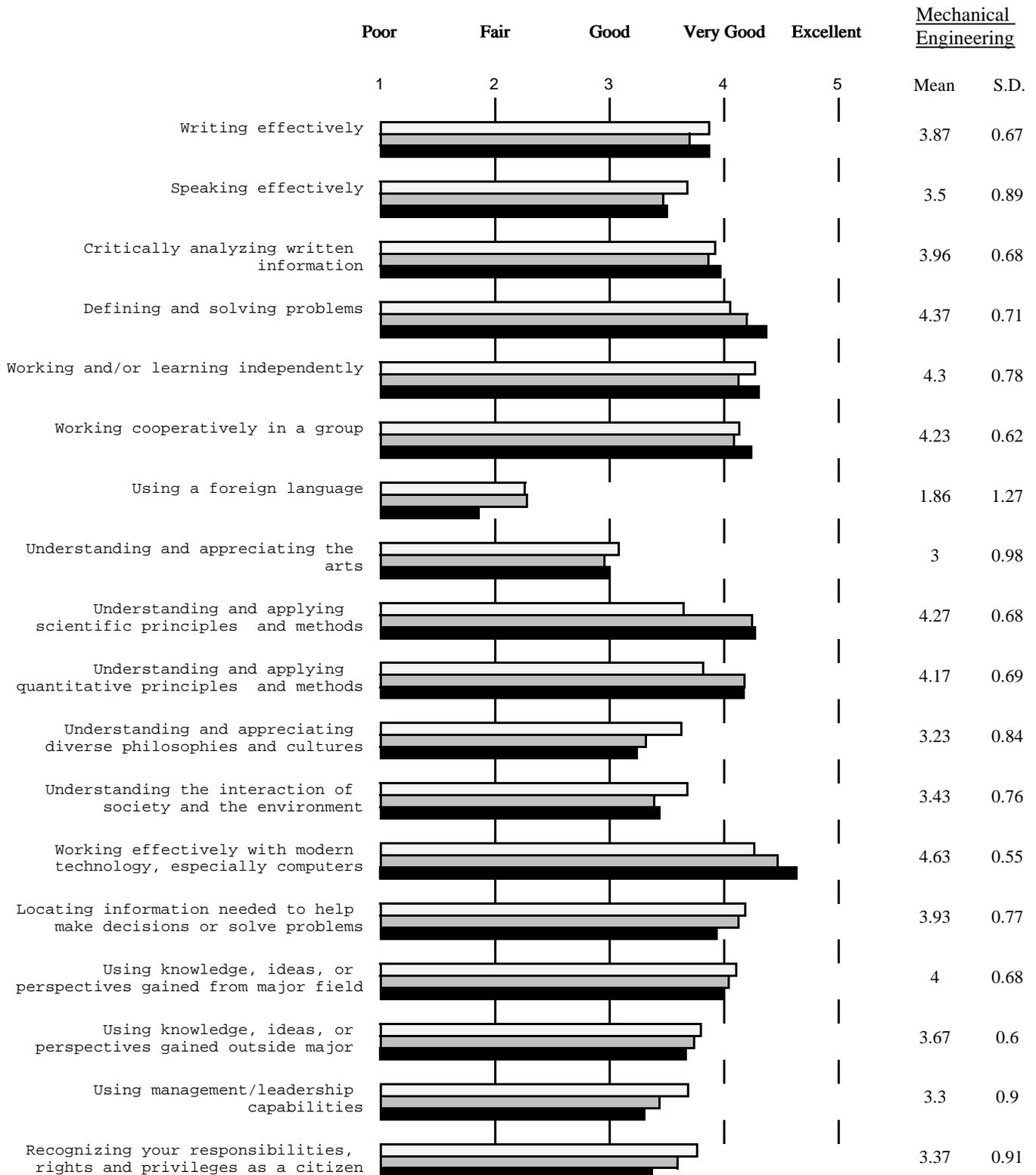
Mechanical Engineering 
College Of Engineering 
All Professional 



STUDENT OUTCOMES - Bachelor's Degree Recipients

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

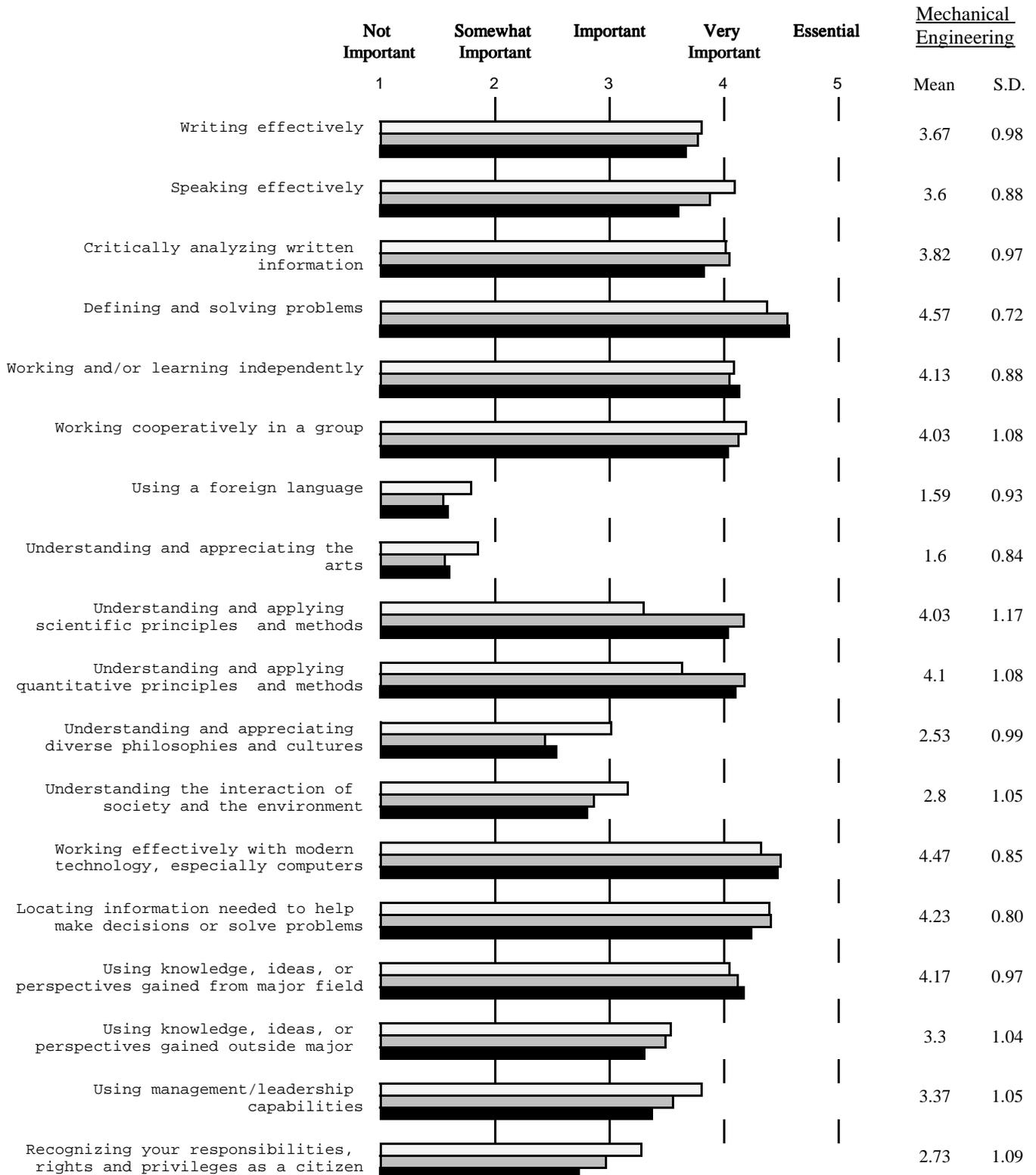
Mechanical Engineering 
College Of Engineering 
All Professional 



STUDENT OUTCOMES - Bachelor's Degree Recipients

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

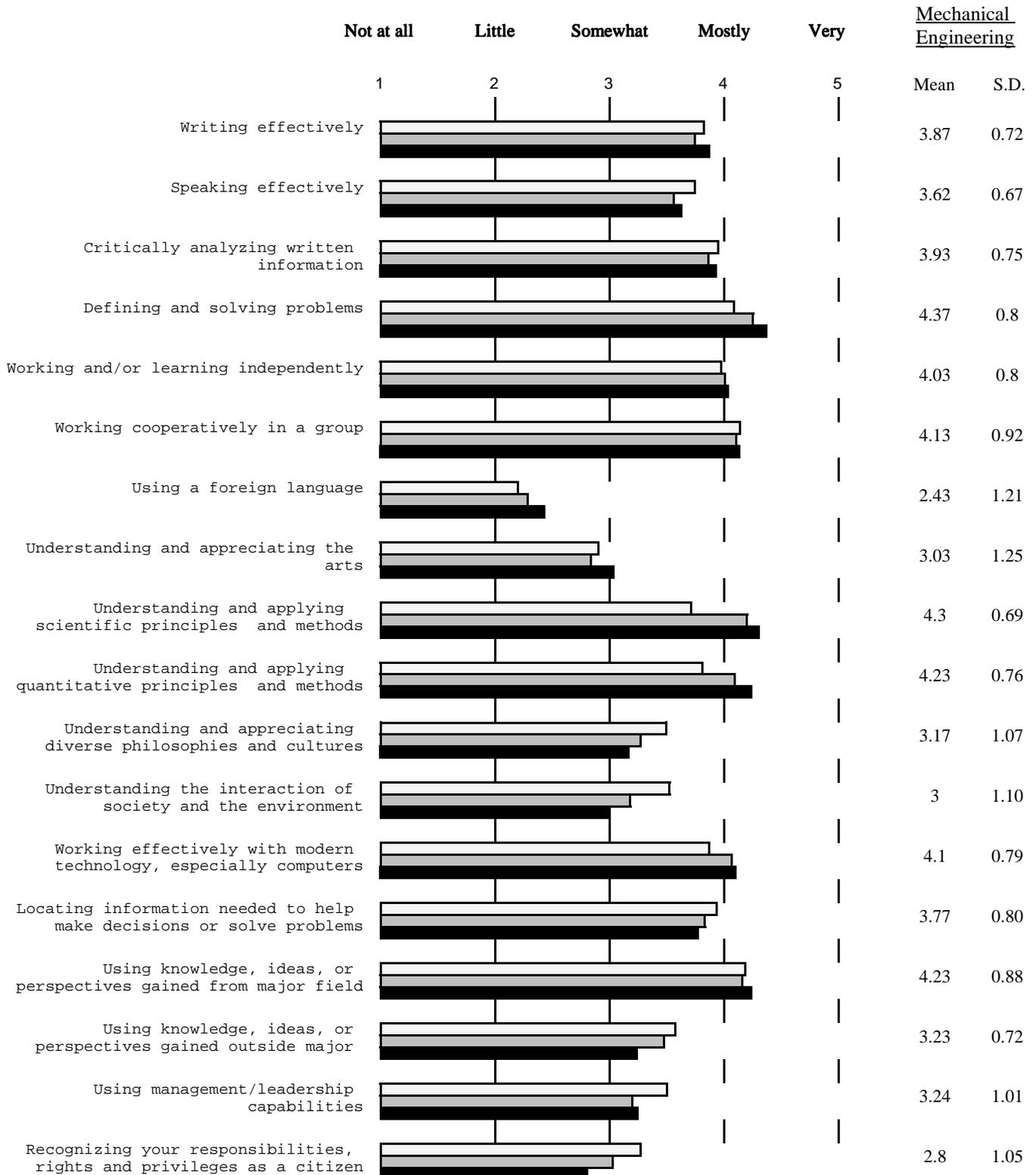
Mechanical Engineering 
College Of Engineering 
All Professional 



STUDENT OUTCOMES - Bachelor's Degree Recipients

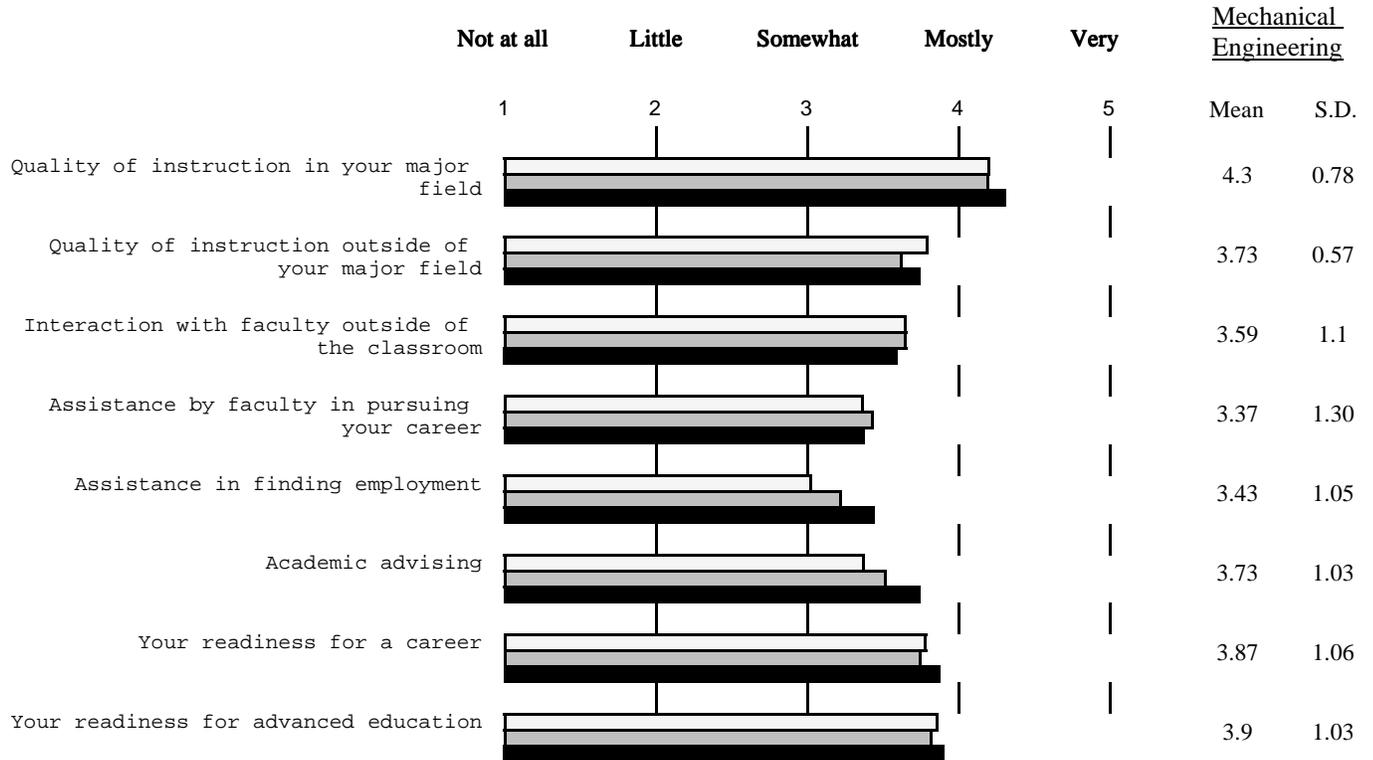
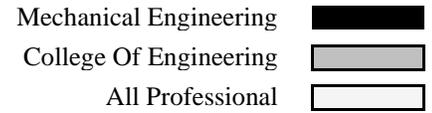
SATISFACTION: How satisfied are you with the University of Washington's contribution to your development in each area?

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 ...	10	67% █████	84	77% █████	484	59% █████
Full-time, career field, will change	3	20% ███	15	14% █	195	24% █
Full-time, outside career field	1	7% █	5	5% █	32	4% █
Full-time, temporary	1	7% █	2	2% █	40	5% █
Part-time			3	3% █	76	9% █
WORK IS:						
Definitely beneath my level			3	3% █	65	8% █
Somewhat beneath my level	3	20% ███	21	19% █	165	20% █
At an appropriate level	12	80% █████	85	78% █████	593	72% █████
At too advanced a level					4	1% █
ATTENDING SCHOOL?						
Yes, post-graduate in my degree	2	13% █	10	9% █	66	8% █
Yes, career related, new area	1	7% █	12	11% █	78	9% █
Yes, not career related	1	7% █	3	3% █	22	3% █
No	11	73% █████	84	77% █████	666	80% █████
MONTHLY INCOME:						
Under \$500					12	1% █
\$500 - 999					9	1% █
1000- 1499					30	4% █
1500- 1999					34	4% █
2000- 2499	1	7% █	3	3% █	70	9% █
2500- 2999			2	2% █	75	9% █
3000- 3499	1	7% █	8	8% █	102	13% █
3500- 3999	2	13% █	6	6% █	70	9% █
4000- 4500	2	13% █	10	9% █	85	10% █
Over \$4500	9	60% █████	77	73% █████	326	40% █████
JOB LOCATION:						
King, Pierce, Snohomish	10	67% █████	78	73% █████	540	68% █████
Other Washington counties	2	13% █	5	5% █	45	6% █
Alaska, Idaho, Oregon	1	7% █	3	3% █	36	5% █
California, Hawaii			9	8% █	42	5% █
Mountain states	1	7% █	2	2% █	17	2% █
Central states			4	4% █	39	5% █
Eastern states	1	7% █	5	5% █	53	7% █
International			1	1% █	18	2% █
JOB SEARCH:						
Newspaper ads			2	2% █	13	2% █
World wide web/internet	7	88% █████	59	55% █████	380	51% █████
Employment agency			11	10% █	37	5% █
Professional organization			19	18% █	158	21% █
Faculty advisor or committee	1	12% █	16	15% █	162	22% █

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			8 6% ▮
Doctoral	4 100% █████	23 92% █████	109 83% █████
Professional ...			5 4% ▮
Vocational			1 1% ▮
Other		2 8% ▮	8 6% ▮
ARE YOU ALSO EMPLOYED? Yes, by the school			
Yes, by the school	2 67% █████	11 50% █████	29 27% █████
Yes, other part-time		1 5% ▮	12 11% █████
Yes, other full-time	1 33% █████	2 9% ▮	19 18% █████
No		8 36% █████	47 44% █████

Unemployed

LOOKING FOR WORK? Yes, career field only			
Yes, career field only	1 50% █████	2 29% █████	24 33% █████
Yes, any field			3 4% ▮
Yes, may be temporary	1 50% █████	3 43% █████	16 22% █████
No, traveling, etc.			9 12% █████
No, deciding what to do			1 1% ▮
No, not at present		2 29% █████	19 26% █████

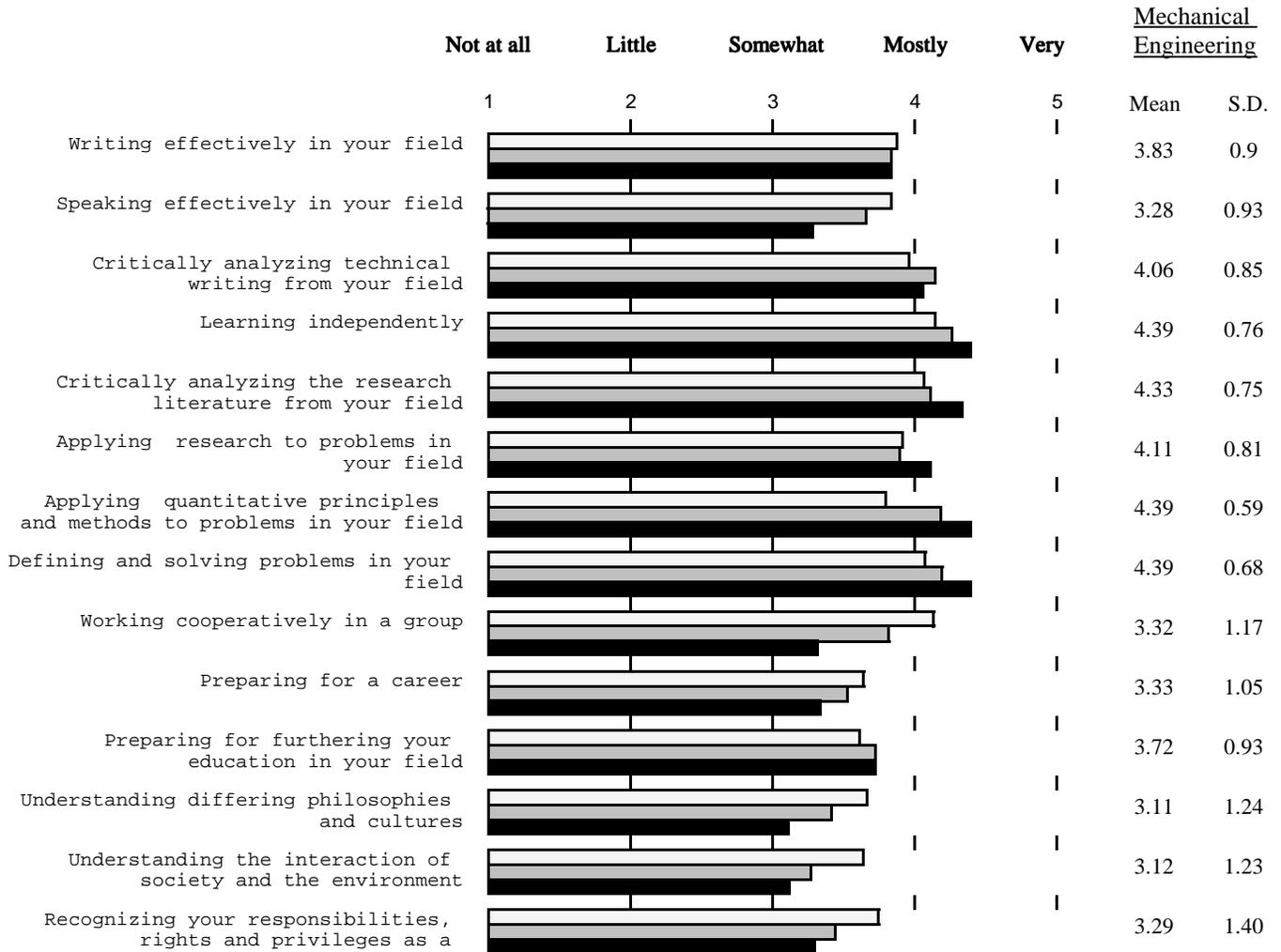
TYPE OF EMPLOYER - Master's Degree Recipients

Business (for profit)	8 42% █████	66 52% █████	227 25% █████
Business (not for profit)			68 8% ▮
Education (K-12)			111 12% █████
Education (post-secondary)			
Univ/college tenure-track faculty		1 1% ▮	16 2% ▮
Univ/college non-tenure-track faculty	1 5% ▮	1 1% ▮	10 1% ▮
Univ/college research or administrative ...	1 5% ▮	4 3% ▮	62 7% █████
Postdoctoral appointment		1 1% ▮	8 1% ▮
Government agency	2 11% █████	7 6% █████	91 10% █████
Industry	6 32% █████	36 29% █████	63 7% █████
Law firm			16 2% ▮
Medical faculty			98 11% █████
Military	1 5% ▮	3 2% ▮	10 1% ▮
Private practice		1 1% ▮	14 2% ▮
Self-employed			18 2% ▮
Social service agency			32 4% █████
Other		6 5% █████	54 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:	Project Engineer	Markey Machinery	
		Engineer	Boeing	
		Stress Analyst	Boeing	
		Marine Engineer	The Glaston Associates	
		Process Engineer	Hewlett Packard	
		Stress Engineer	Boeing	
		Structural Design Engineer	Boeing	
		Product Engineer	Ingersoll Rand	
		Materials & Physics Engin	Boeing	
		Structural Design Engr.	Boeing	
		Mechanical Engineer	Tower Electric Motor Co.	
		Mechanical design Engineer	Boeing	
		Project Engineer	ATS Automation	
	R & D Engineer	Cardias Dimentions		
	Career, change likely:	design Engineer		
		Design Engineer	HYDRO Systems USA	
		Manufacturing Engineer	B/E Aerospace	
		Mechanical Engineer	Electroimpact In.c	
		Mechanical Design Engineer	heath Tecna	
		Mechanical Engineer	ElectroImpact	
		Junior Mechanical Engineer	Newton Research Labs, Inc	
	Not career, temporary:	Lab Tech	Fred Hutchinson	
		Part-time:	Part Advisor	Barrier Motor
print technician	screen printing			
Sales Associate	Nike			
DOCTORATE MASTER'S	Permanent in career:		PTD Module Engineer	Intel Corp.
			Design Engineer	Boeing
		Software Engineer	Intel	
		Design Engineer	Boeing	
		Structural Engineer	Boeing	
		Flight Test Engineer	Boeing	
		Boeing	Engineer	
		Instructor	US Coast Guard Academy	
		mechanical engineer	crane electronics, inc.	
		Program Manager Lead	Microsoft	
		Design Engineer	The Boeing Co.	
		Career, change likely:	Process Engineer	WL Gore and Associates
			Research Engineer	VA hospital Puget Sound
Structural Analysis Engr	The Boeing Company			
Not career, full-time:	Partner	Ignition Partners		
	Not career, temporary:	Engineering Instructor	Shoreline CC	

In School	Program Level	Program	Field of study	Institution
BACHELOR'S	Masters/Doctoral	M.S. Mech Engineering	Mechanical Eng.	University Texas - Austin
		PhD	Biomedical Engineering	Northwestern University
	Terminal Masters	Masters	Mechanical Engineering	WSU Pullman
MASTER'S	Masters/Doctoral	Undergraduate	Bachelor	Mechanical Engineer
		Physics and Astronomy		University of Kansas
		Mechanical Engineering		University of Washington

Unemployed	Type of work seeking
BACHELOR'S	Mechanical Engineer Mechanical Engineering
MASTER'S	Engineer Engineering