

1999 GRADUATE SURVEY RESULTS

	Mechanical Engineering	College of Engineering	All Professional
<b>Bachelor's Degree Recipients</b>			
TOTAL NUMBER OF GRADUATES SURVEYED	120 100%	707 100%	2,177 100%
Questionnaires:			
Not returned .....	85 71%	436 62%	1,291 59%
Not delivered by post office .....	1 1%	22 3%	80 4%
Returned by graduate .....	34 28%	249 35%	806 37%
Responding graduates currently:			
Working & not planning full-time school	29 85%	215 86%	717 89%
Attending or waiting to attend school .....	3 9%	29 12%	71 9%
Unemployed .....	2 6%	5 2%	18 2%

<b>Master's Degree Recipients</b>			
TOTAL NUMBER OF GRADUATES SURVEYED	47 100%	336 100%	1,663 100%
Questionnaires:			
Not returned .....	20 43%	135 40%	664 40%
Not delivered by post office .....		9 3%	69 4%
Returned by graduate .....	27 57%	192 57%	930 56%
Responding graduates currently:			
Working & not planning full-time school	25 93%	160 83%	826 89%
Attending or waiting to attend school .....		25 13%	67 7%
Unemployed .....	2 7%	7 4%	36 4%

<b>Doctoral Degree Recipients</b>			
TOTAL NUMBER OF GRADUATES SURVEYED	6 100%	58 100%	695 100%
Questionnaires:			
Not returned.....	3 50%	26 45%	310 45%
Not delivered by post office .....		3 5%	31 4%
Returned by graduate .....	3 50%	29 50%	354 51%
Responding graduates currently:			
Working & not planning full-time school	3 100%	29 100%	334 94%
Attending or waiting to attend school .....			11 3%
Unemployed .....			9 3%

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>
<b>Current primary activity</b>			
EMPLOYED BY A US ORGANIZATION			
Public sector:			
Postsecondary education .....	1 3% █	2 1% █	21 3% █
K-12 education .....		1 1% █	6 1% █
Government or military .....	3 10% █	26 12% █	79 11% █
Private sector, including education:			
Non-profit .....	1 3% █	2 1% █	57 8% █
For profit .....	13 45% █	133 61% █	383 55% █
Museum .....			
EMPLOYED BY AN INTERNATIONAL ORGANIZATION			
In the US .....	6 21% █	22 10% █	53 8% █
Outside of the US .....		1 1% █	4 1% █
CONTINUING YOUR EDUCATION .....	3 10% █	26 12% █	68 10% █
UNEMPLOYED .....	2 7% █	6 3% █	20 3% █
<b>Working</b>			
JOB IS: Full-time, career field, permanent .....	22 81% █	145 69% █	384 55% █
Full-time, career field, will change .....	5 19% █	50 24% █	207 29% █
Full-time, outside career field .....		7 3% █	40 6% █
Full-time, temporary .....		6 3% █	44 6% █
Part-time .....		1 1% █	29 4% █
WORK IS:			
Definitely beneath my level .....	2 7% █	12 6% █	60 8% █
Somewhat beneath my level .....	5 17% █	31 15% █	127 18% █
At an appropriate level .....	22 76% █	166 78% █	504 71% █
At too advanced a level .....		3 1% █	15 2% █
ATTENDING SCHOOL?			
Yes, related to UW education .....	1 4% █	15 7% █	28 4% █
Yes, career related, new area .....	1 4% █	18 9% █	52 7% █
Yes, not career related .....		8 4% █	23 3% █
No .....	25 93% █	169 80% █	602 85% █
MONTHLY INCOME:			
Under \$1000 .....			18 3% █
1000- 1499 .....	1 4% █	4 2% █	42 6% █
1500- 1999 .....		6 3% █	56 8% █
2000- 2499 .....	9 32% █	28 13% █	131 19% █
2500- 2999 .....	3 11% █	15 7% █	123 18% █
3000- 3499 .....	6 21% █	44 21% █	117 17% █
3500- 3999 .....	5 18% █	40 19% █	71 10% █
4000- 4500 .....	3 11% █	40 19% █	68 10% █
4500- 4999 .....		15 7% █	27 4% █
5000- 5499 .....	1 4% █	12 6% █	24 3% █
5500- 5999 .....		2 1% █	4 1% █
Over \$6000 .....		5 2% █	20 3% █

JOB LOCATION:	King, Pierce, Snohomish .....	10	34%		68	34%		348	53%	
	Other Washington counties .....	9	31%		60	30%		148	22%	
	Alaska, Idaho, Oregon .....	1	3%		16	8%		33	5%	
	California, Hawaii .....	1	3%		20	10%		53	8%	
	Mountain states .....	1	3%		12	6%		21	3%	
	Central states .....				6	3%		15	2%	
	Eastern states .....	4	14%		10	5%		27	4%	
	International .....	3	10%		9	4%		14	2%	
JOB SEARCH:	Newspaper ads .....	3	9%		21	8%		84	10%	
	The Internet .....	3	9%		42	17%		101	12%	
	Professional organization .....	2	6%		11	4%		45	5%	
	Employment agency .....	1	3%		7	3%		36	4%	
	Faculty advisor or committee .....	1	3%		21	8%		61	7%	
	Networking/personal contacts .....	18	56%		98	39%		380	45%	
	UW Center for Career Services .....	4	12%		52	21%		140	17%	

### Attending School

LEVEL OF EDUCATIONAL PROGRAM:	Bachelor's .....				10	23%		28	24%	
	Terminal Master .....				4	9%		12	10%	
	Master's/PhD .....	3	100%		26	59%		48	41%	
	Professional .....				3	7%		15	13%	
	Vocational .....							6	5%	
	Other .....				1	2%		7	6%	
ARE YOU ALSO EMPLOYED?	Yes, by the school .....	1	33%		27	64%		36	35%	
	Yes, other part-time .....	1	33%		2	5%		15	14%	
	Yes, other full-time .....				5	12%		15	14%	
	No .....	1	33%		8	19%		38	37%	

### Unemployed

REASON NOT WORKING	Volunteering .....							1	4%	
	Raising a family .....				1	17%		4	17%	
	Taking care of an ill relative .....							1	4%	
	Traveling, etc. ....							1	4%	
	Looking for work .....	1	50%		3	50%		11	46%	
	Deciding what to do .....				1	17%		1	4%	
	Taking time off .....							1	4%	
	Disillusioned about job search .....	1	50%		1	17%		5	21%	

### 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		8 3%	36 5%
Disagree	2 6%	5 2%	38 5%
Indifferent	2 6%	29 12%	100 13%
Agree	20 59%	94 38%	298 38%
Strongly agree	10 29%	110 45%	322 41%

*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	24 71%	156 64%	389 49%
1 - 3	5 15%	53 22%	192 24%
4 - 6	3 9%	15 6%	91 12%
7 - 10	1 3%	6 2%	31 4%
Over 10	1 3%	14 6%	86 11%

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

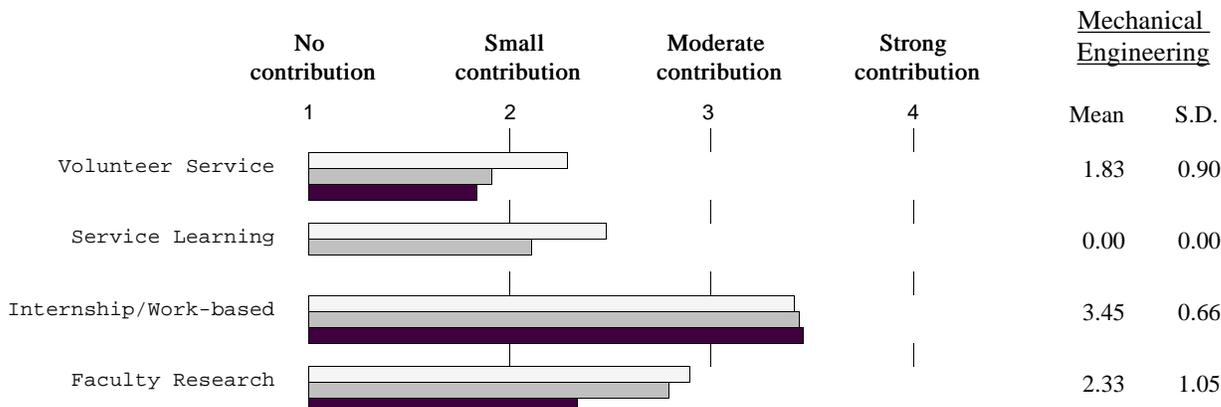
	Mechanical Engineering	College of Engineering	All Professional
Less than \$100	22 65%	149 61%	463 59%
\$100 - 250	8 24%	48 20%	158 20%
\$250 - 500	1 3%	15 6%	65 8%
\$500 - 1000	1 3%	14 6%	42 5%
Over \$1000	2 6%	17 7%	59 7%

*While a UW student, did you participate in:*

	Yes	No	Yes	No	Yes	No
Community volunteer service (outside of UW)	6	27	88	155	408	374
Community service as part of a UW course (Service learning)		33	19	222	151	621
A public service internship or other work-based learning (for credit or pay)	11	22	109	134	365	414
Faculty research beyond being a research subject	9	25	76	166	199	570

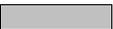
*How has your participation contributed to your preparation and success in your current primary activity?*

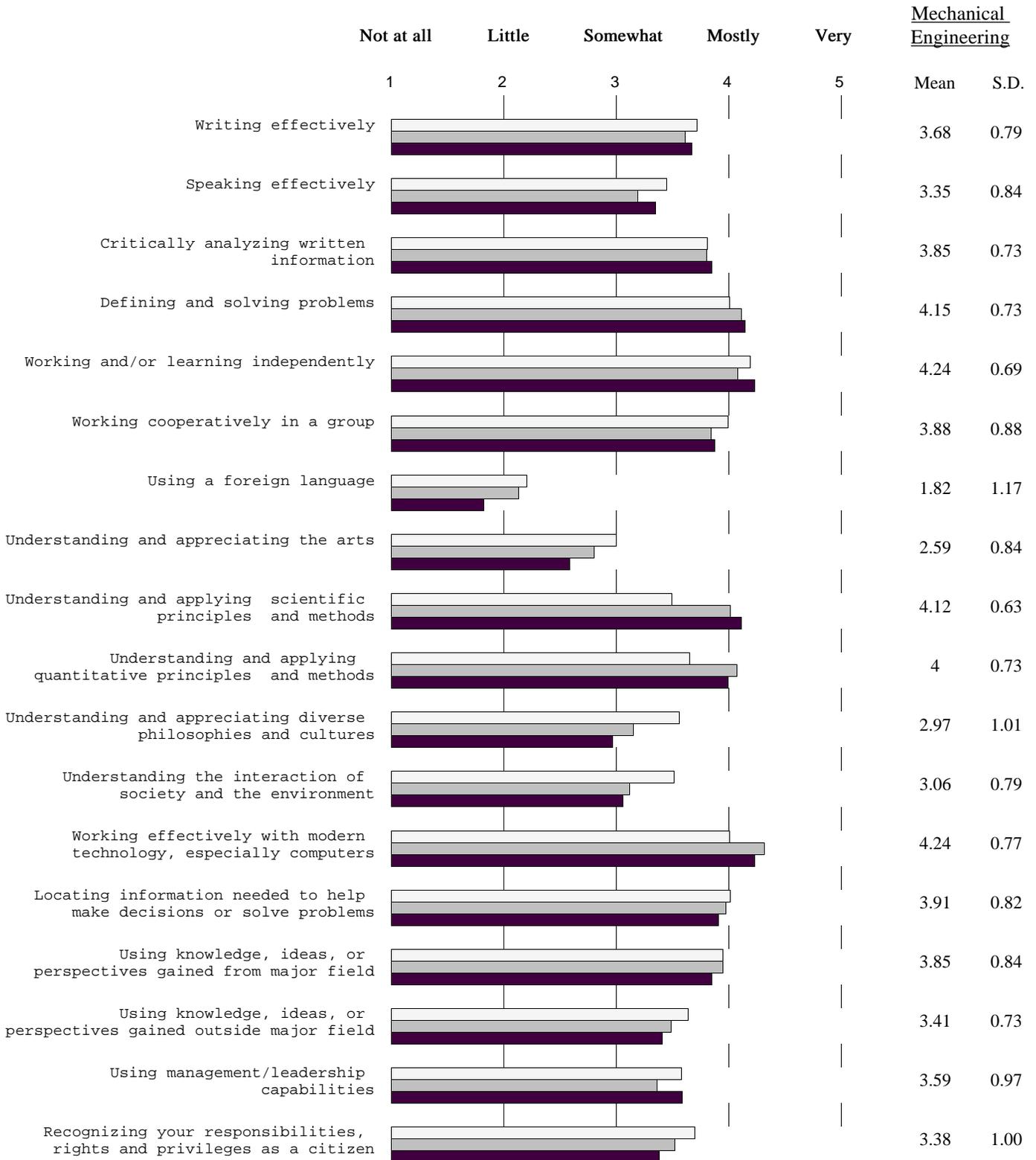
Mechanical Engineering   
College of Engineering   
All Professional 



### STUDENT OUTCOMES - Bachelor's Degree Recipients

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

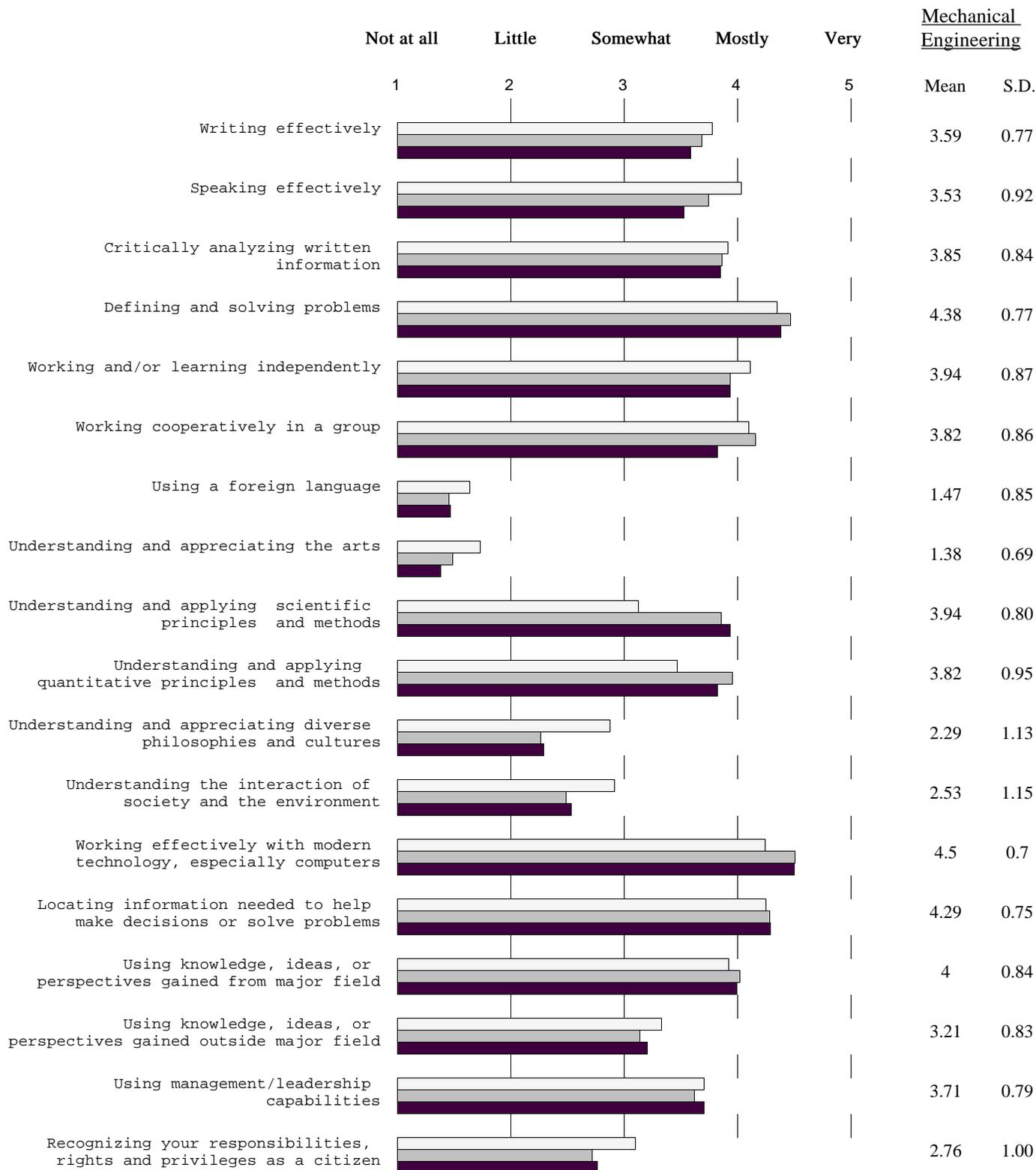
Mechanical Engineering   
College of Engineering   
All Professional 



### STUDENT OUTCOMES - Bachelor's Degree Recipients

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

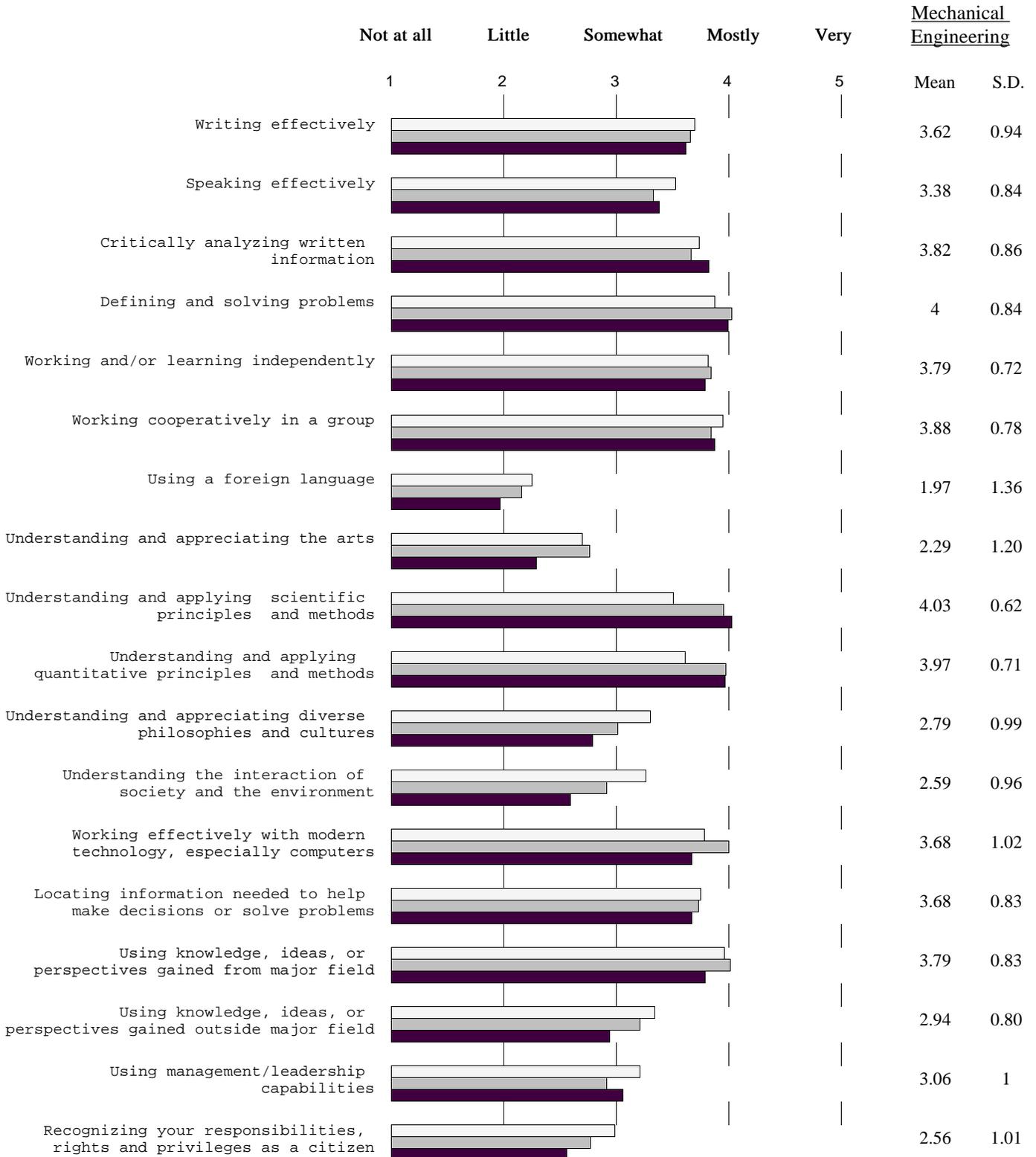
Mechanical Engineering   
College of Engineering   
All Professional



### STUDENT OUTCOMES - Bachelor's Degree Recipients

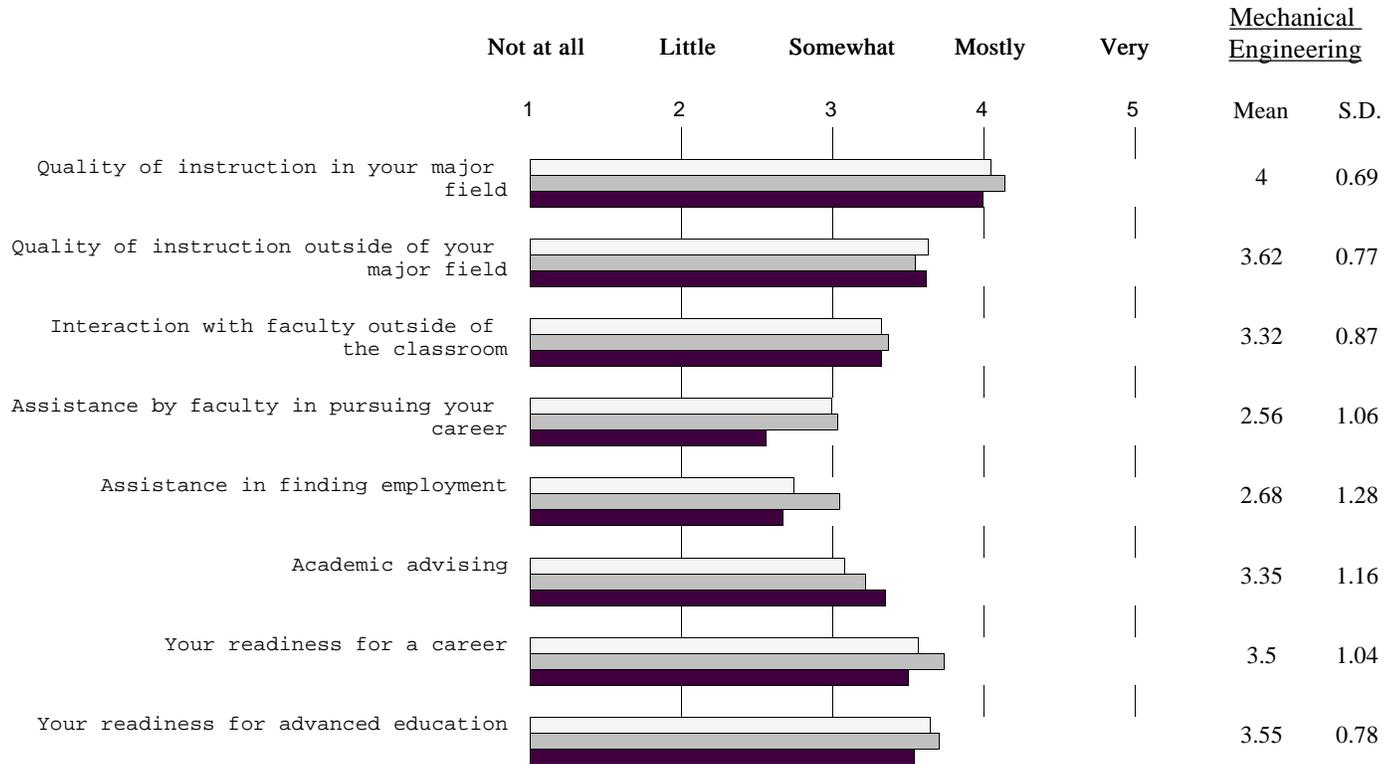
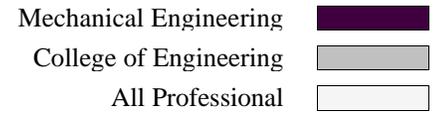
*SATISFACTION: How satisfied are you with the University of Washington's contribution to your development in each area?*

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>	
<b>Working</b>						
JOB IS: Full-time, career field, permanent ...	14	56%	111	69%	483	59%
Full-time, career field, will change	6	24%	34	21%	201	24%
Full-time, outside career field .....			4	2%	26	3%
Full-time, temporary .....	2	8%	4	2%	35	4%
Part-time .....	3	12%	7	4%	78	9%
WORK IS: Definitely beneath my level .....	1	4%	6	4%	52	6%
Somewhat beneath my level .....	5	20%	30	19%	142	17%
At an appropriate level .....	18	72%	119	76%	614	75%
At too advanced a level .....	1	4%	2	1%	9	1%
ATTENDING SCHOOL? Yes, post-graduate in my degree	3	12%	15	10%	70	9%
Yes, career related, new area .....	8	32%	43	27%	123	15%
Yes, not career related .....	2	8%	10	6%	47	6%
No .....	12	48%	89	57%	573	70%
MONTHLY INCOME: Under \$500 .....			1	1%	16	2%
\$500 - 999 .....			1	1%	13	2%
1000- 1499 .....					26	3%
1500- 1999 .....	2	9%	5	3%	49	6%
2000- 2499 .....	2	9%	10	6%	112	14%
2500- 2999 .....			10	6%	92	11%
3000- 3499 .....	3	13%	18	12%	103	13%
3500- 3999 .....	3	13%	19	12%	78	10%
4000- 4500 .....	5	22%	27	17%	80	10%
Over \$4500 .....	8	35%	64	41%	238	29%
JOB LOCATION: King, Pierce, Snohomish .....	9	39%	54	36%	420	54%
Other Washington counties .....	8	35%	46	30%	162	21%
Alaska, Idaho, Oregon .....	2	9%	6	4%	27	3%
California, Hawaii .....	1	4%	15	10%	59	8%
Mountain states .....			6	4%	21	3%
Central states .....			4	3%	18	2%
Eastern states .....	2	9%	13	9%	55	7%
International .....	1	4%	7	5%	21	3%
JOB SEARCH: Newspaper ads .....	4	18%	24	18%	83	14%
World wide web/internet .....	7	32%	40	30%	169	29%
Employment agency .....	2	9%	15	11%	34	6%
Professional organization .....	3	14%	21	16%	129	22%
Faculty advisor or committee .....	6	27%	33	25%	171	29%

### DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	<u>Mechanical Engineering</u>	<u>College of Engineering</u>	<u>All Professional</u>
<b>Attending School</b>			
LEVEL OF EDUCATIONAL PROGRAM: Undergraduate			1 1% ↓
Master's .....	2 6% ▮	11 9% ▮	
Doctoral .....	1 100% █████	33 92% █████	106 84% █████
Professional ...		5 4% ▮	
Vocational .....		1 3% ▮	2 2% ↓
Other .....			1 1% ↓
ARE YOU ALSO EMPLOYED? Yes, by the school .....		16 46% █████	40 36% █████
Yes, other part-time		7 6% ▮	
Yes, other full-time	1 100% █████	11 31% █████	25 23% █████
No .....		8 23% █████	39 35% █████
<b>Unemployed</b>			
LOOKING FOR WORK? Yes, career field only .....	2 100% █████	4 50% █████	19 35% █████
Yes, any field .....		3 6% ▮	
Yes, may be temporary .....		1 12% ▮	5 9% ▮
No, traveling, etc. ....		2 25% █████	14 26% █████
No, deciding what to do .....			3 6% ▮
No, not at present .....		1 12% ▮	10 19% █████

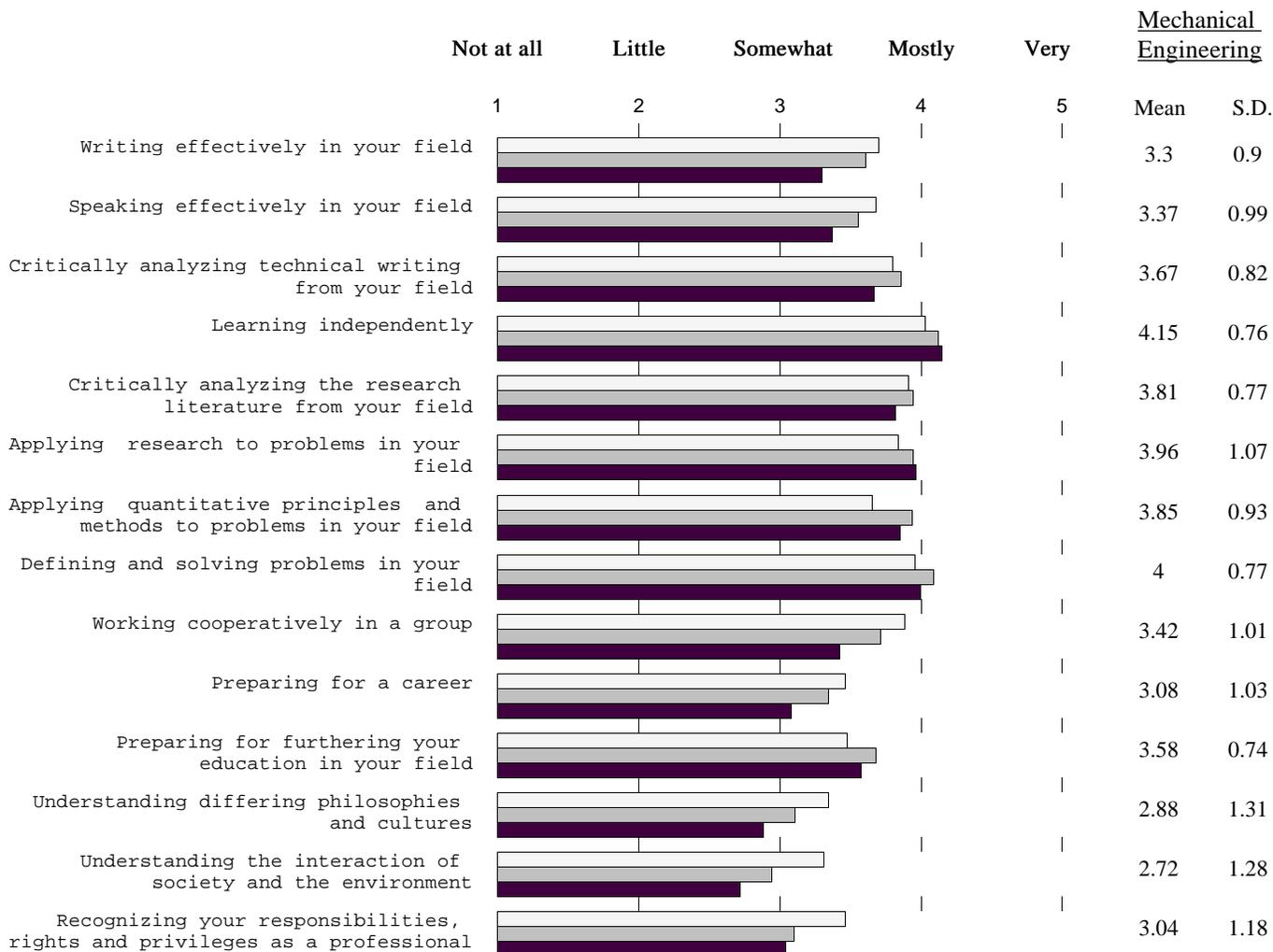
### TYPE OF EMPLOYER - Master's Degree Recipients

Business (for profit) .....	7 27% █████	74 39% █████	235 26% █████
Business (not for profit) .....			38 4% ▮
Education (K-12) .....			96 11% ▮
Education (post-secondary)			
Univ/college tenure-track faculty .....		7 4% ▮	28 3% ▮
Univ/college non-tenure-track faculty .....	1 4% ▮	4 2% ▮	24 3% ▮
Univ/college research or administrative ...	1 4% ▮	5 3% ▮	38 4% ▮
Postdoctoral appointment .....		1 1% ↓	10 1% ↓
Government agency .....	1 4% ▮	24 13% █████	126 14% █████
Industry .....	14 54% █████	55 29% █████	64 7% ▮
Law firm .....			27 3% ▮
Medical faculty .....			72 8% ▮
Military .....		4 2% ▮	10 1% ↓
Private practice .....			21 2% ▮
Self-employed .....		5 3% ▮	29 3% ▮
Social service agency .....			36 4% ▮
Other .....	2 8% ▮	9 5% ▮	46 5% ▮

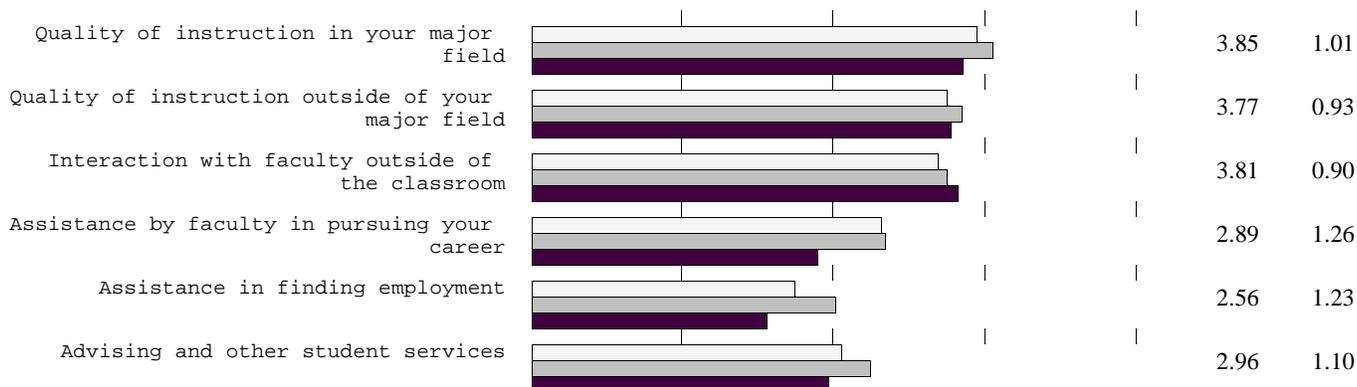
### STUDENT OUTCOMES - Master's Degree Recipients

*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:	PRODUCT DEV ENGR	K2SPORTS
		ASSOCIATE ENGR	OBERTO SAUSAGE CO
		ASSOCIATE ENGINEER	FATIGUE TECHNOLOGIE INC
		MECHANICAL ENGR	MARCH PT COGENERATION CO
		MANUFACTURING ENGINEER	GENIE INDUSTRIES
		MECHANICAL ENGINEER	APPLIED MOTION SYSTEMS
		ENGR SPECIALIST	SIEMENS
		design engineer	genie industries
		DESIGN ENGINEER	PSF MECHANICAL
		tooling development engr	intel
		DESIGN ENGR	FREIGHTLINER
		A/V DESIGNER	GREENBUSCH GROUP
		product development engr	ford motor company
		ENGINEER	GOODYEAR RUBBER & TIRE
		MECHANICAL ENGR	US ARMY CORPS OF ENGRS
		Research Engineer	University of Washington
		PROJECT ENG/NC PROGRAMMER	JANICKI MACHINE DESIGN
		Mechanical Engineer	Amry Corps of Engineers
		design engineer	kenworth
		Career, change likely:	RES ASST
ENGR II	BOEING, CO.		
RESEARCH ENGR	UW PHYSICS		
Mechanical Engineer	The Boeing Company		
MECHANICAL ENGINEER			
MASTER'S	Permanent in career:	project engineer	marco marine
		MANUFACTURING ENGINEER	XEROX
		SR MECHANICAL ENGINEER	DEPT OF THE INTERIOR
		ENGINEER	BOEING
		Mechanical Engineer	Schaefer Engineering
		PROJECT ENGINEER	SUPERSYMMETRY
		mechanical engineer	intel
		PROJECT ENGINEER	VISTEON AUTOMOTIVE SYSTEM
		Mechanical Engineer	Hewlett-Packard
		PRODUCT DEVEL ENG	FORD MOTOR COMPANY
	development engineer I	aculight corp.	
	ENGINEER	ADROIT SYSTEMS, INC	
	Career, change likely:	research engineer	energy international, inc
		TEST ENGINEER	FREIGHTLINER LLC
		engineer	boeing
quality enginner		genie industries	
Not career, temporary:	senior engineer	boeing	
	DESIGN ENGINEER		
	research engineer	UW	
Part-time:	propulsion engineer	boeing	
	PROGRAM MANAGER	MICROSOFT	
	ENGINEER	INTEL	
	instructor	highline community coll	

In School	Program Level	Program	Field of study	Institution
BACHELOR'S	Masters/Doctoral	MSME msme Engineering	Mechanical Engineering mechan engr Mechanical	University of Washington UW UW

Unemployed	Type of work seeking
BACHELOR'S	MECH ENGR-LIMITED EXP mechanical engineering
MASTER'S	Project Management MEDICAL DESIGN ENGINEER