

1999 GRADUATE SURVEY RESULTS

	<u>Aeronautics and Astronautics</u>	<u>College of Engineering</u>	<u>All Professional</u>
<b>Bachelor's Degree Recipients</b>			
TOTAL NUMBER OF GRADUATES SURVEYED	29 100% 	707 100% 	2,177 100% 
Questionnaires:			
Not returned .....	16 55% 	436 62% 	1,291 59% 
Not delivered by post office .....	1 3% 	22 3% 	80 4% 
Returned by graduate .....	12 41% 	249 35% 	806 37% 
Responding graduates currently:			
Working & not planning full-time school	9 75% 	215 86% 	717 89% 
Attending or waiting to attend school .....	3 25% 	29 12% 	71 9% 
Unemployed .....		5 2% 	18 2% 

<b>Master's Degree Recipients</b>			
TOTAL NUMBER OF GRADUATES SURVEYED	17 100% 	336 100% 	1,663 100% 
Questionnaires:			
Not returned .....	6 35% 	135 40% 	664 40% 
Not delivered by post office .....	1 6% 	9 3% 	69 4% 
Returned by graduate .....	10 59% 	192 57% 	930 56% 
Responding graduates currently:			
Working & not planning full-time school	7 70% 	160 83% 	826 89% 
Attending or waiting to attend school .....	2 20% 	25 13% 	67 7% 
Unemployed .....	1 10% 	7 4% 	36 4% 

<b>Doctoral Degree Recipients</b>			
TOTAL NUMBER OF GRADUATES SURVEYED	4 100% 	58 100% 	695 100% 
Questionnaires:			
Not returned.....	1 25% 	26 45% 	310 45% 
Not delivered by post office .....	1 25% 	3 5% 	31 4% 
Returned by graduate .....	2 50% 	29 50% 	354 51% 
Responding graduates currently:			
Working & not planning full-time school	2 100% 	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>Aeronautics and Astronautics</u>		<u>College of Engineering</u>		<u>All Professional</u>	
<b>Current primary activity</b>						
EMPLOYED BY A US ORGANIZATION						
Public sector:						
Postsecondary education .....			2	1%	21	3%
K-12 education .....			1	1%	6	1%
Government or military .....	3	33% █	26	12% █	79	11% █
Private sector, including education:						
Non-profit .....			2	1%	57	8% █
For profit .....	4	44% █	133	61% █	383	55% █
Museum .....						
EMPLOYED BY AN INTERNATIONAL ORGANIZATION						
In the US .....			22	10% █	53	8% █
Outside of the US .....			1	1%	4	1%
CONTINUING YOUR EDUCATION .....	2	22% █	26	12% █	68	10% █
UNEMPLOYED .....			6	3%	20	3%
<b>Working</b>						
JOB IS: Full-time, career field, permanent .....	8	89% █	145	69% █	384	55% █
Full-time, career field, will change .....	1	11% █	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 .....			12	6%	60	8%
Somewhat beneath my level .....	2	22% █	31	15% █	127	18% █
At an appropriate level .....	7	78% █	166	78% █	504	71% █
At too advanced a level .....			3	1%	15	2%
ATTENDING SCHOOL? Yes, related to UW education .....	1	11% █	15	7%	28	4%
Yes, career related, new area .....	2	22% █	18	9%	52	7%
Yes, not career related .....			8	4%	23	3%
No .....	6	67% █	169	80% █	602	85% █
MONTHLY INCOME: Under \$1000 .....					18	3%
1000- 1499 .....			4	2%	42	6%
1500- 1999 .....			6	3%	56	8%
2000- 2499 .....	2	22% █	28	13% █	131	19% █
2500- 2999 .....			15	7%	123	18% █
3000- 3499 .....	2	22% █	44	21% █	117	17% █
3500- 3999 .....	3	33% █	40	19% █	71	10% █
4000- 4500 .....	1	11% █	40	19% █	68	10% █
4500- 4999 .....	1	11% █	15	7%	27	4%
5000- 5499 .....			12	6%	24	3%
5500- 5999 .....			2	1%	4	1%
Over \$6000 .....			5	2%	20	3%

JOB LOCATION:	King, Pierce, Snohomish .....	1	11%	■	68	34%	■	348	53%	□
	Other Washington counties .....				60	30%	■	148	22%	□
	Alaska, Idaho, Oregon .....				16	8%	□	33	5%	□
	California, Hawaii .....	2	22%	■	20	10%	□	53	8%	□
	Mountain states .....	3	33%	■	12	6%	□	21	3%	□
	Central states .....	1	11%	■	6	3%	□	15	2%	□
	Eastern states .....	1	11%	■	10	5%	□	27	4%	□
	International .....	1	11%	■	9	4%	□	14	2%	□
JOB SEARCH:	Newspaper ads .....				21	8%	□	84	10%	□
	The Internet .....	1	11%	■	42	17%	■	101	12%	□
	Professional organization .....	1	11%	■	11	4%	□	45	5%	□
	Employment agency .....				7	3%	□	36	4%	□
	Faculty advisor or committee .....	4	44%	■	21	8%	□	61	7%	□
	Networking/personal contacts .....	2	22%	■	98	39%	■	380	45%	□
	UW Center for Career Services .....	1	11%	■	52	21%	■	140	17%	□

**Attending School**

LEVEL OF EDUCATIONAL PROGRAM:	Bachelor's .....				10	23%	■	28	24%	□
	Terminal Master .....	1	20%	■	4	9%	□	12	10%	□
	Master's/PhD .....	2	40%	■	26	59%	■	48	41%	□
	Professional .....	2	40%	■	3	7%	□	15	13%	□
	Vocational .....							6	5%	□
	Other .....				1	2%	□	7	6%	□
ARE YOU ALSO EMPLOYED?	Yes, by the school .....	5	100%	■	27	64%	■	36	35%	□
	Yes, other part-time .....				2	5%	□	15	14%	□
	Yes, other full-time .....				5	12%	□	15	14%	□
	No .....				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 .....				3	50%	■	11	46%	□
	Deciding what to do .....				1	17%	■	1	4%	□
	Taking time off .....							1	4%	□
	Disillusioned about job search .....				1	17%	■	5	21%	□

### STUDENT INVOLVEMENT - Bachelor's Degree Recipients

Aeronautics and  
Astronautics

College of Engineering

All Professional

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

	Aeronautics and Astronautics	College of Engineering	All Professional
Strongly disagree	2 18%	8 3%	36 5%
Disagree		5 2%	38 5%
Indifferent		29 12%	100 13%
Agree	3 27%	94 38%	298 38%
Strongly agree	6 55%	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?*

	Aeronautics and Astronautics	College of Engineering	All Professional
None	7 64%	156 64%	389 49%
1 - 3	1 9%	53 22%	192 24%
4 - 6	2 18%	15 6%	91 12%
7 - 10		6 2%	31 4%
Over 10	1 9%	14 6%	86 11%

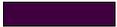
*In the past year, approximately how much have you contributed monetarily to charities or philanthropies?*

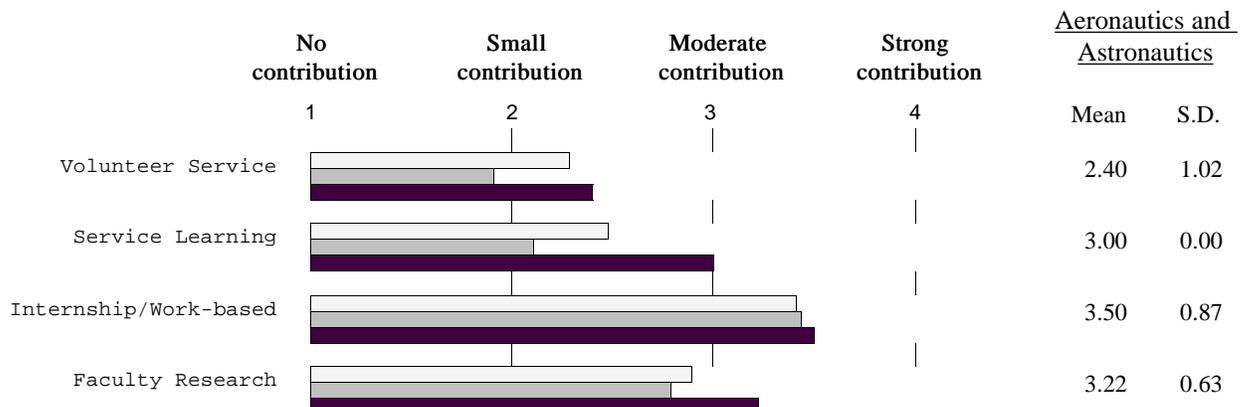
	Aeronautics and Astronautics	College of Engineering	All Professional
Less than \$100	4 36%	149 61%	463 59%
\$100 - 250	4 36%	48 20%	158 20%
\$250 - 500	1 9%	15 6%	65 8%
\$500 - 1000	1 9%	14 6%	42 5%
Over \$1000	1 9%	17 7%	59 7%

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

	Aeronautics and Astronautics		College of Engineering		All Professional	
	Yes	No	Yes	No	Yes	No
Community volunteer service (outside of UW)	5	6	88	155	408	374
Community service as part of a UW course (Service learning)	1	10	19	222	151	621
A public service internship or other work-based learning (for credit or pay)	4	7	109	134	365	414
Faculty research beyond being a research subject	9	2	76	166	199	570

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

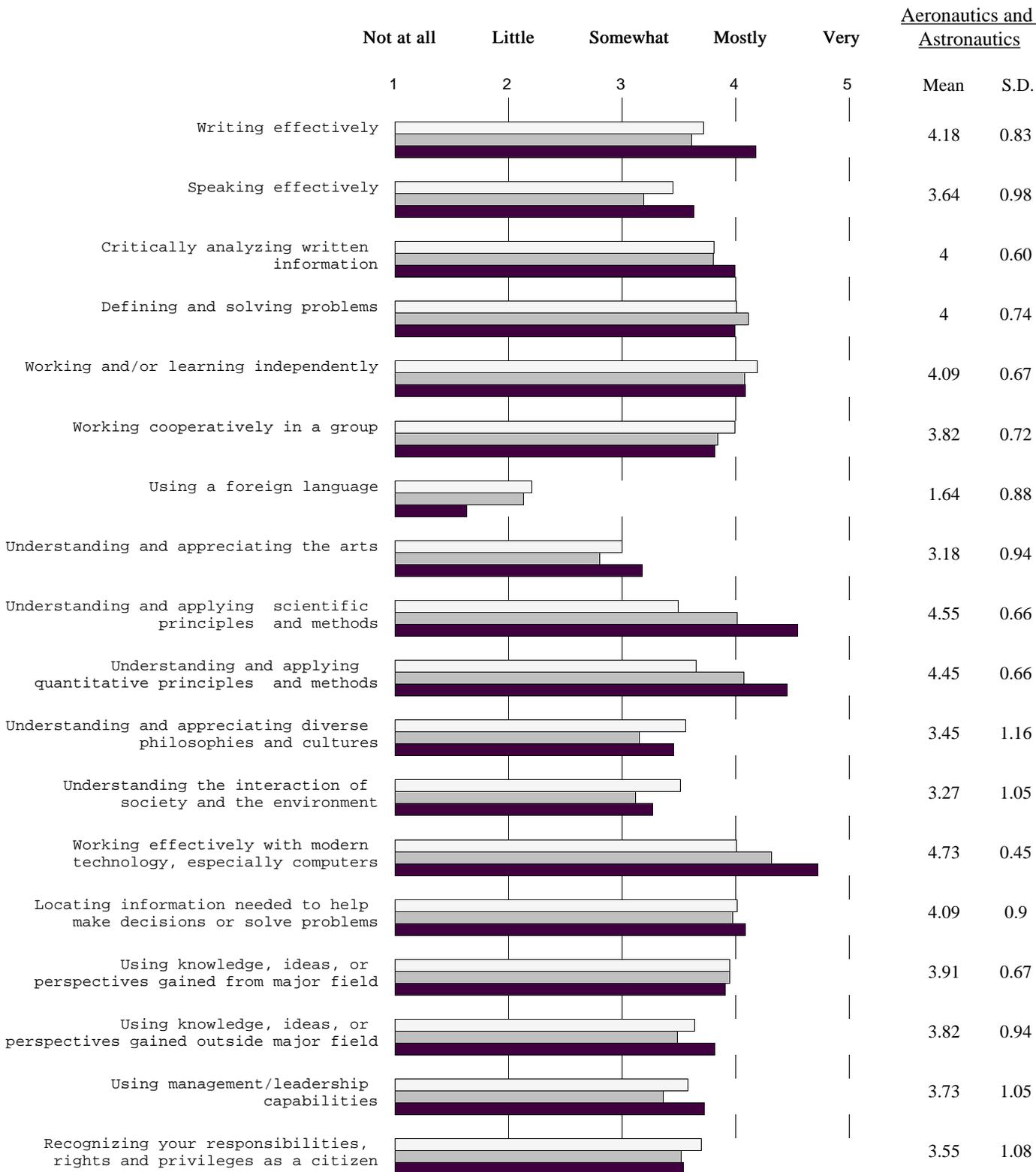
Aeronautics and Astronautics   
College of Engineering   
All Professional 



### STUDENT OUTCOMES - Bachelor's Degree Recipients

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

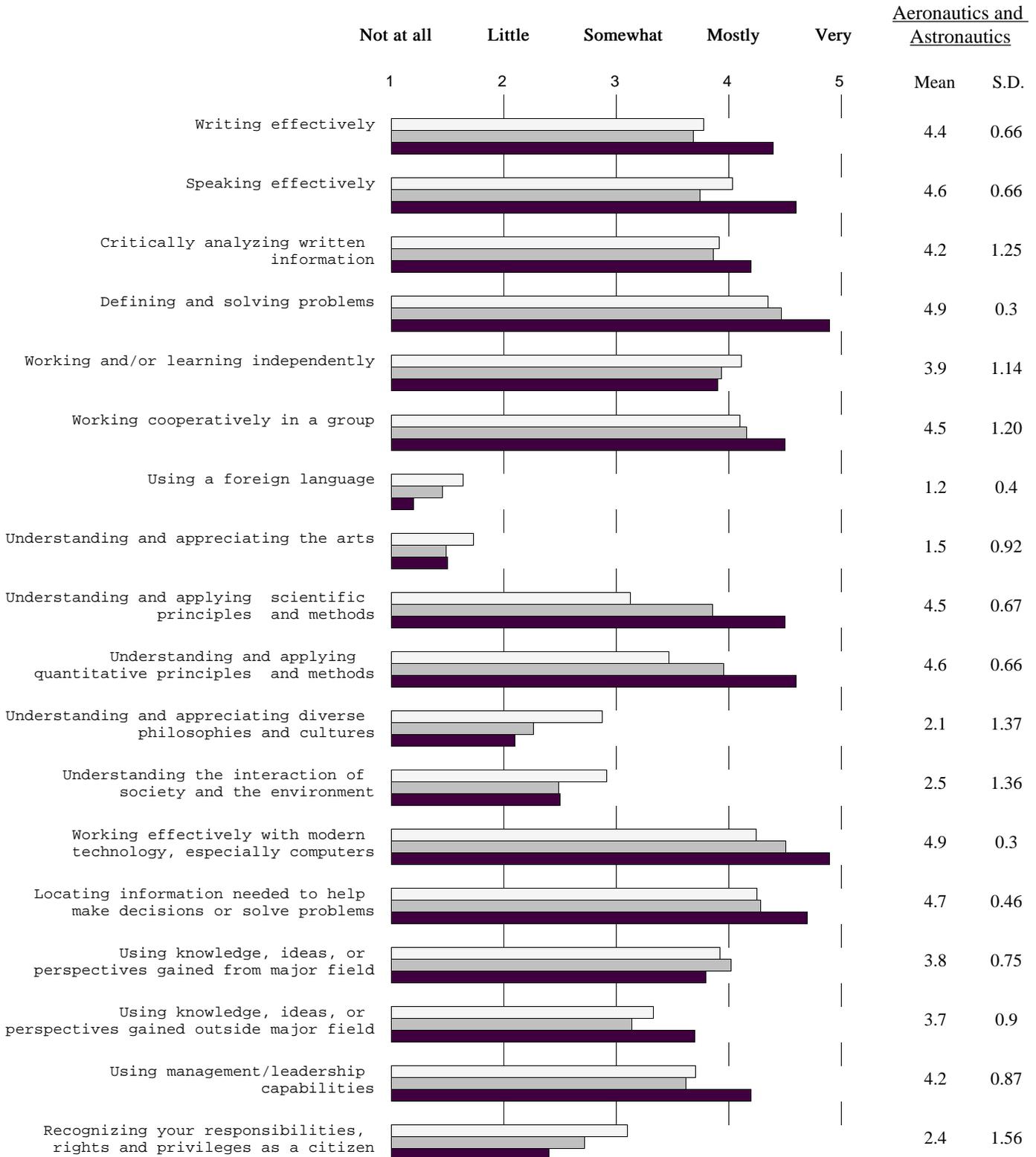
Aeronautics and Astronautics   
College of Engineering   
All Professional



### STUDENT OUTCOMES - Bachelor's Degree Recipients

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

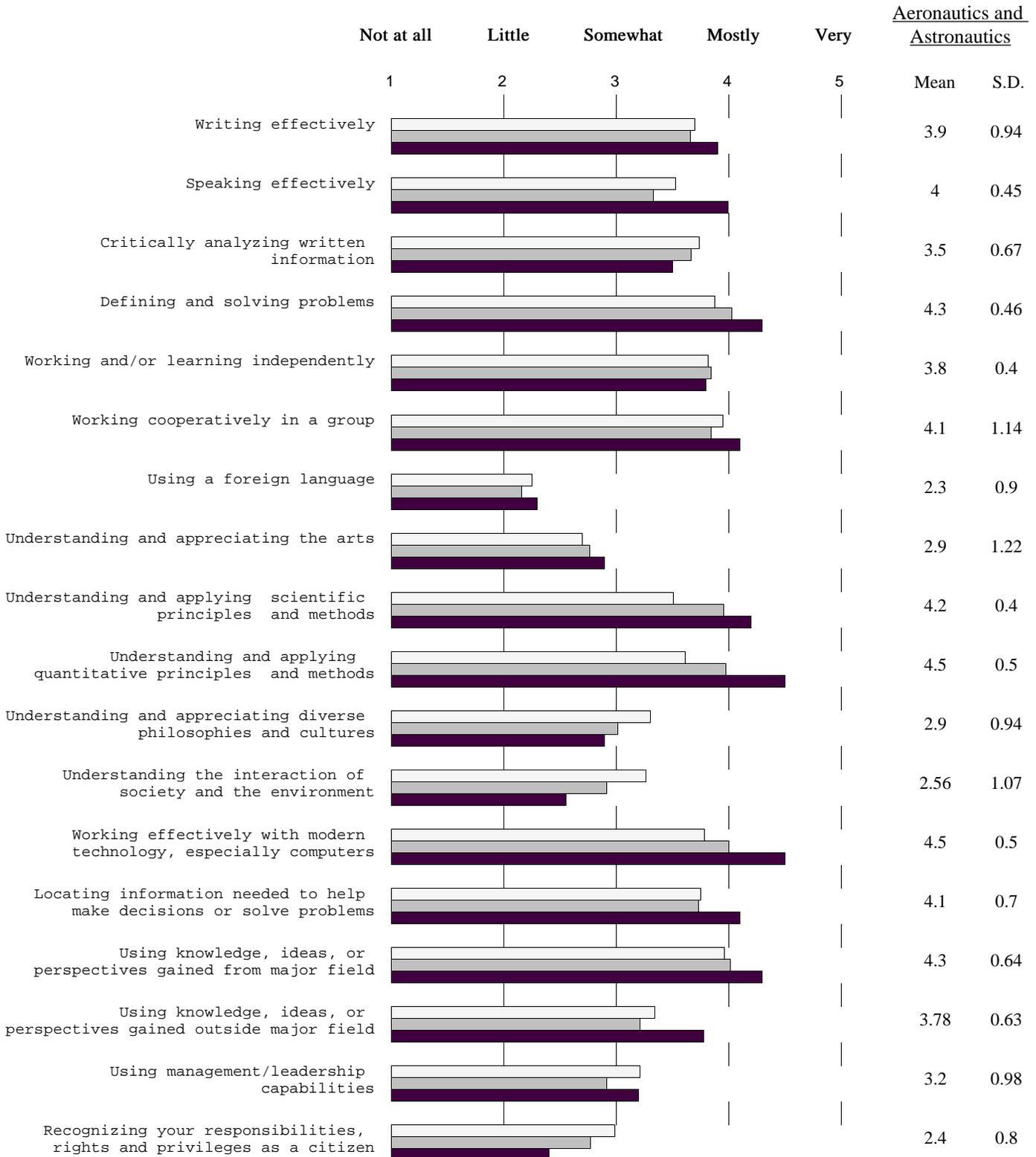
Aeronautics and Astronautics   
College of Engineering   
All Professional



### STUDENT OUTCOMES - Bachelor's Degree Recipients

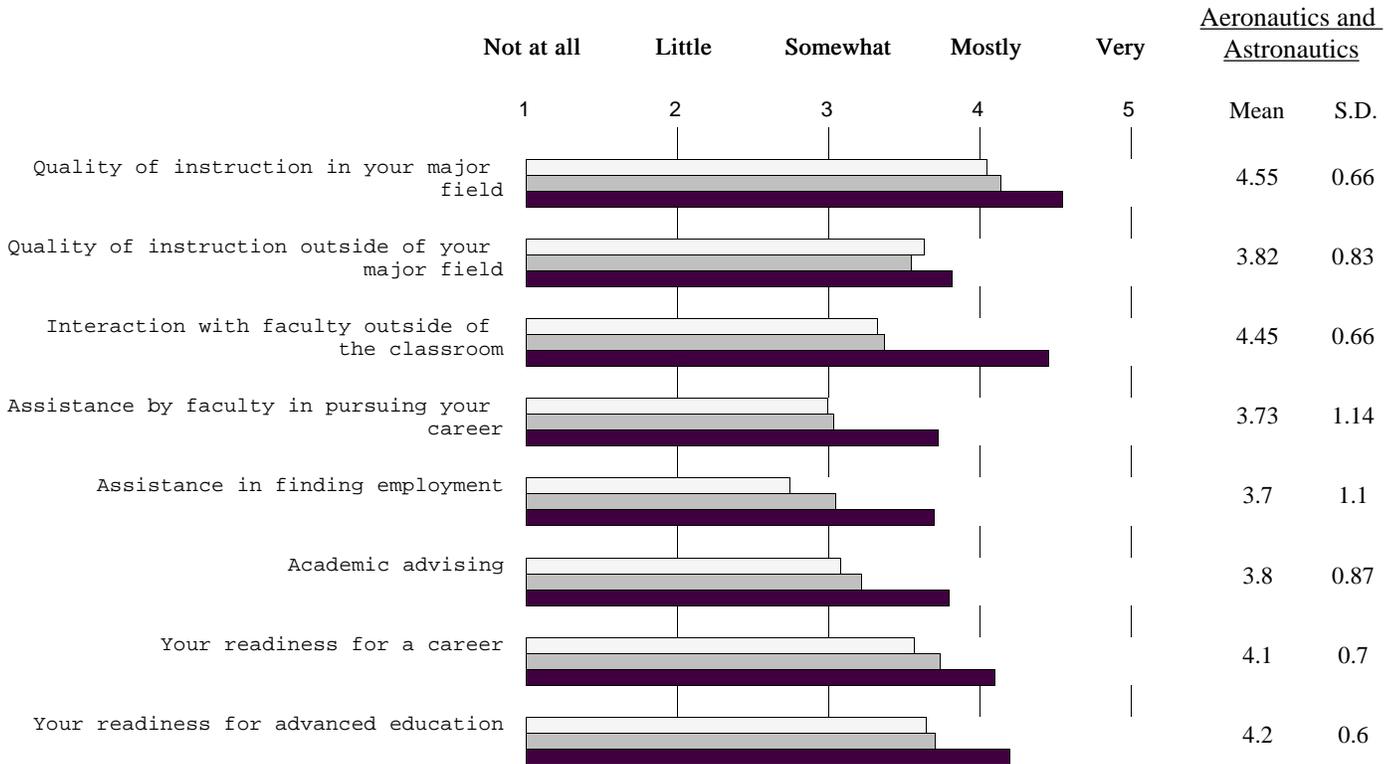
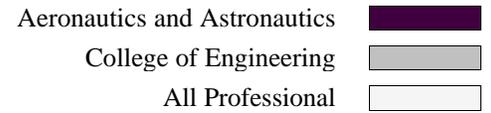
*SATISFACTION: How satisfied are you with the University of Washington's contribution to your development in each area?*

Aeronautics and Astronautics   
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>Aeronautics and Astronautics</u>	<u>College of Engineering</u>	<u>All Professional</u>
<b>Working</b>			
JOB IS: Full-time, career field, permanent ...	2 29%	111 69%	483 59%
Full-time, career field, will change	3 43%	34 21%	201 24%
Full-time, outside career field .....	1 14%	4 2%	26 3%
Full-time, temporary .....	1 14%	4 2%	35 4%
Part-time .....		7 4%	78 9%
WORK IS: Definitely beneath my level .....	2 33%	6 4%	52 6%
Somewhat beneath my level .....	1 17%	30 19%	142 17%
At an appropriate level .....	3 50%	119 76%	614 75%
At too advanced a level .....		2 1%	9 1%
ATTENDING SCHOOL? Yes, post-graduate in my degree		15 10%	70 9%
Yes, career related, new area .....	1 17%	43 27%	123 15%
Yes, not career related .....		10 6%	47 6%
No .....	5 83%	89 57%	573 70%
MONTHLY INCOME: Under \$500 .....		1 1%	16 2%
\$500 - 999 .....		1 1%	13 2%
1000- 1499 .....			26 3%
1500- 1999 .....		5 3%	49 6%
2000- 2499 .....	1 17%	10 6%	112 14%
2500- 2999 .....	1 17%	10 6%	92 11%
3000- 3499 .....		18 12%	103 13%
3500- 3999 .....		19 12%	78 10%
4000- 4500 .....	2 33%	27 17%	80 10%
Over \$4500 .....	2 33%	64 41%	238 29%
JOB LOCATION: King, Pierce, Snohomish .....	2 50%	54 36%	420 54%
Other Washington counties .....		46 30%	162 21%
Alaska, Idaho, Oregon .....		6 4%	27 3%
California, Hawaii .....		15 10%	59 8%
Mountain states .....		6 4%	21 3%
Central states .....	1 25%	4 3%	18 2%
Eastern states .....	1 25%	13 9%	55 7%
International .....		7 5%	21 3%
JOB SEARCH: Newspaper ads .....	1 33%	24 18%	83 14%
World wide web/internet .....	1 33%	40 30%	169 29%
Employment agency .....		15 11%	34 6%
Professional organization .....		21 16%	129 22%
Faculty advisor or committee .....	1 33%	33 25%	171 29%

### DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	<u>Aeronautics and Astronautics</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 .....	3 100% █████	33 92% █████	106 84% █████
Professional ...		5 4% ▮	
Vocational .....		1 3% ▮	2 2% ↓
Other .....			1 1% ↓
ARE YOU ALSO EMPLOYED? Yes, by the school .....	1 50% █████	16 46% █████	40 36% █████
Yes, other part-time			7 6% ▮
Yes, other full-time	1 50% █████	11 31% █████	25 23% █████
No .....		8 23% █████	39 35% █████
<b>Unemployed</b>			
LOOKING FOR WORK? Yes, career field only .....	1 100% █████	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% █████

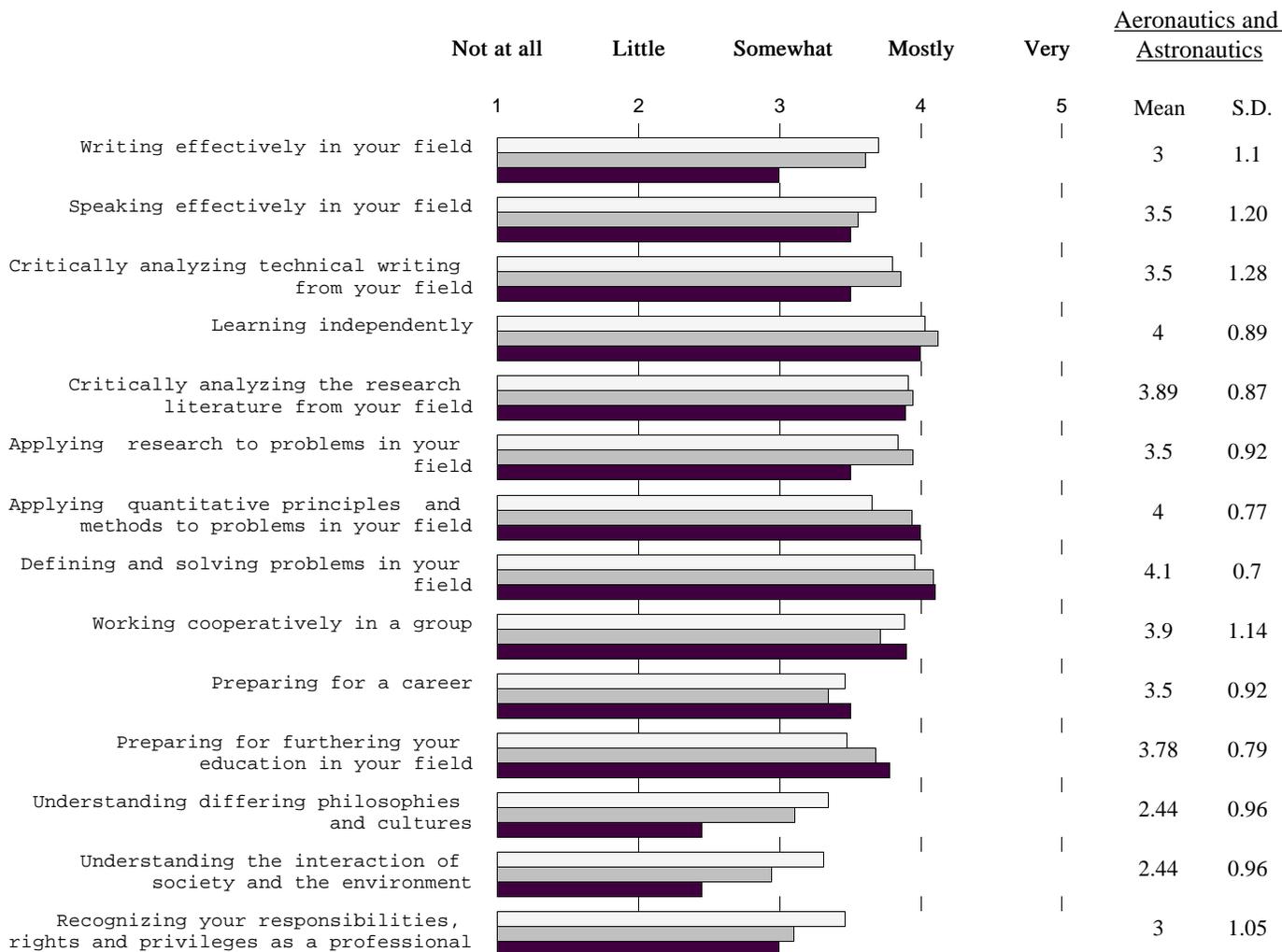
### TYPE OF EMPLOYER - Master's Degree Recipients

Business (for profit) .....	2 20% █████	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 .....		4 2% ↓	24 3% ▮
Univ/college research or administrative ...		5 3% ▮	38 4% ▮
Postdoctoral appointment .....		1 1% ↓	10 1% ↓
Government agency .....	3 30% █████	24 13% █████	126 14% █████
Industry .....	3 30% █████	55 29% █████	64 7% ▮
Law firm .....			27 3% ▮
Medical faculty .....			72 8% ▮
Military .....	1 10% █████	4 2% ↓	10 1% ↓
Private practice .....			21 2% ▮
Self-employed .....	1 10% █████	5 3% ▮	29 3% ▮
Social service agency .....			36 4% ▮
Other .....		9 5% ▮	46 5% ▮

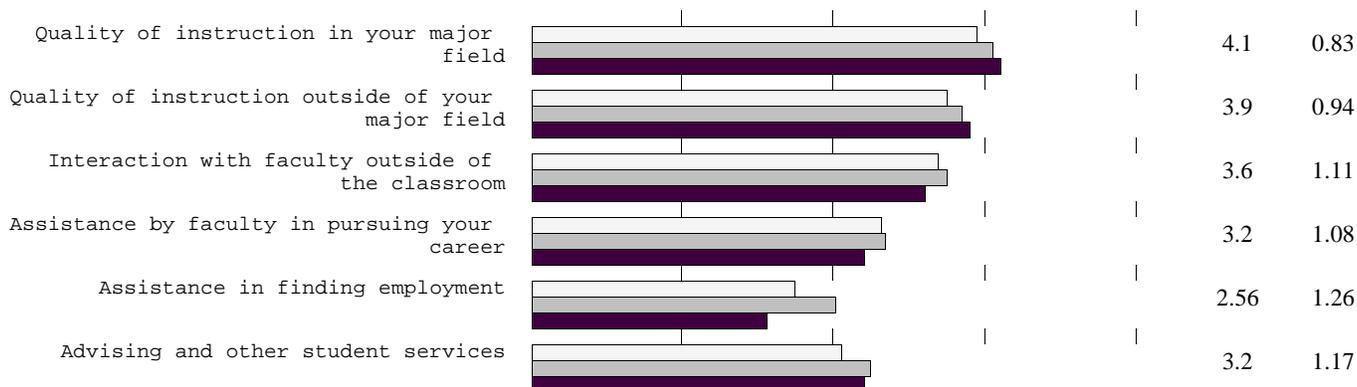
### STUDENT OUTCOMES - Master's Degree Recipients

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

Aeronautics and Astronautics   
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

<b>Working</b>		<b>Job Title</b>	<b>Employer</b>
BACHELOR'S	Permanent in career:	SATELLITE ENGINEER	GEN DYNAMICS GVT. SYST.CO
		SYSTEMS ENGINEER	
		PAYLOAD SYSTEMS ENGINEER	KISLER AEROSPACE CORP
		STUDENT PILOT	UNITED STATES AIR FORCE
		LIEUTENANT	US MARINE CORPS
	Career, change likely:	SYSTEM ENGR	RAYTHEON
		ENGINEER I	RAYTHEON
		engineer	Raytheon
		THURMAL ENGR	JPL
		SR SPEC ENGINEER	BOEING
MASTER'S	Permanent in career:	engineer	lockheed martin
		AIR FORCE PILOT	US AIR FORCE
	Career, change likely:	ENGINEER	BOEING
		Not career, full-time:	web site maker

<b>In School</b>	<b>Program Level</b>	<b>Program</b>	<b>Field of study</b>	<b>Institution</b>
BACHELOR'S	Masters/Doctoral	Aero-astro Engineering	Control Systems	MIT
		MASTERS	AEROSPACE ENGR	U COLORADO - BOULDER
MASTER'S	Terminal Masters	COLLEGE OF ENGINEERING	AERONAUTICS & ASTRONA	UW
	Masters/Doctoral	PHD PLASMA SCIENCE		UW
		aero astro phys		UW

<b>Unemployed</b>	<b>Type of work seeking</b>
MASTER'S	aerospace engr