2013-14 BSEE Senior Exit Survey Assessment Report

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Chair, EE Curriculum Committee

1. Background

Each year, the Bachelor of Science in Electrical Engineering (BSEE) program in Washington State University's (WSU's) School of Electrical Engineering and Computer Science (EECS) administers a mandatory online survey to all graduating seniors. The online survey, which has evolved considerably over the past year, serves not only to furnish data on the demographics of our graduating seniors, but also to furnish indirect assessment data relevant to the BSEE program's progress toward meeting ABET outcomes (A through K).

2. Survey Methodology

We use surveymonkey.com to administer the survey online. Approximately two weeks prior to the end of the summer, fall, and spring semesters, we open up the survey, and notify graduating seniors that they are required to take the survey as a requirement for their graduation. The survey, which requires approximately 30 to 45 minutes to complete, remains open until approximately two weeks after the conclusion of the semester.

After the survey closes, the Assessment Committee Chair compiles summary results and shares them with the Assessment Committee in an online forum or via email, where the Assessment Committee is invited to review survey responses, to provide input on how to interpret the results, and to make recommendations based on the results.

The survey includes questions designed specifically to provide the Assessment Committee with indirect measures of ABET Outcomes A through K. However, data in four other general areas are also of interest to the Assessment Committee:

1. *Basic demographics*: How many students are graduating? What is the gender and racial composition of the graduating class? How did graduates come into the program (straight from high school, or as transfer students), and how long did it take them to graduate?
2. *Interdisciplinary, international, research, and internship experiences*: To what degree did graduates participate in interdisciplinary activities, international exchange programs, research activities, and internships?
3. *Job and graduate school success*: How many graduates sought employment, or applied to graduate school? How successful were they? What are their starting salaries?
4. *Level of preparedness*: How prepared do graduates perceive themselves to be for careers in the profession?

3. Results

In the 2013-14 academic year, a total of 65 graduating seniors in the B.S. and B.A. in Computer Science programs completed the survey: 28 in the summer of 2013, 7 in the fall of 2013, and 30 in the spring of 2014. Below, we present survey results relevant to the four areas described above, together with results relevant to attainment of ABET Outcomes A through K.

Basic Demographics

Figures 1 and 2 present a breakdown of graduating seniors with respect to gender and ethnicity. Figure 3 presents a bar chart that indicates how long students needed to graduate, focusing exclusively on those who graduated in the spring of 2014 (n = 30)[1]. To put Figure 3 into perspective, note that 45% of spring, 2014 BSEE graduates started the degree program right out of high school, while 48% transferred from a community college and 7% changed their major to EE.

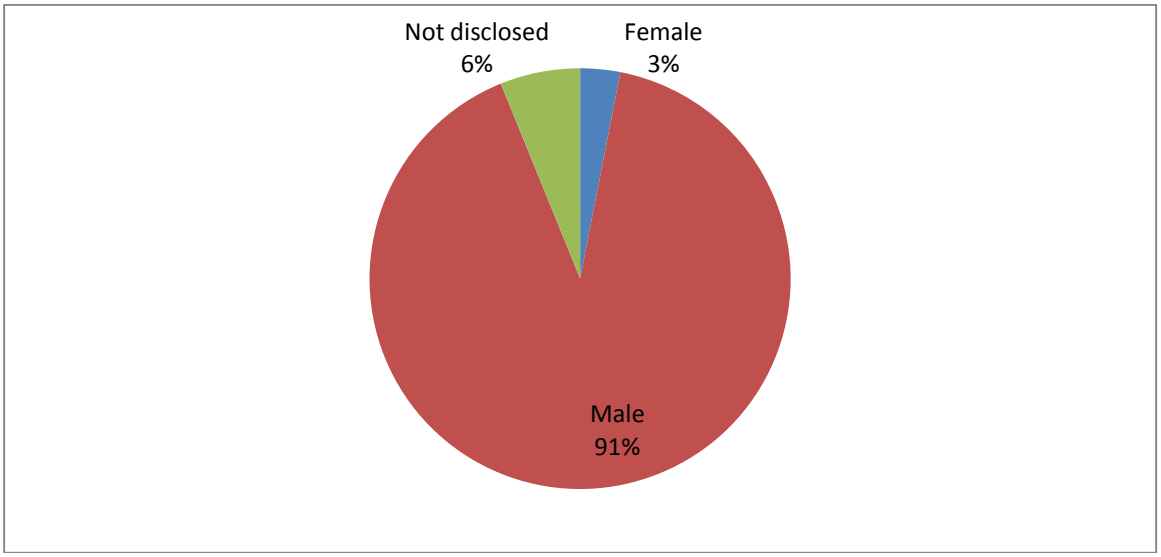


Figure 1. Breakdown of survey respondents by gender

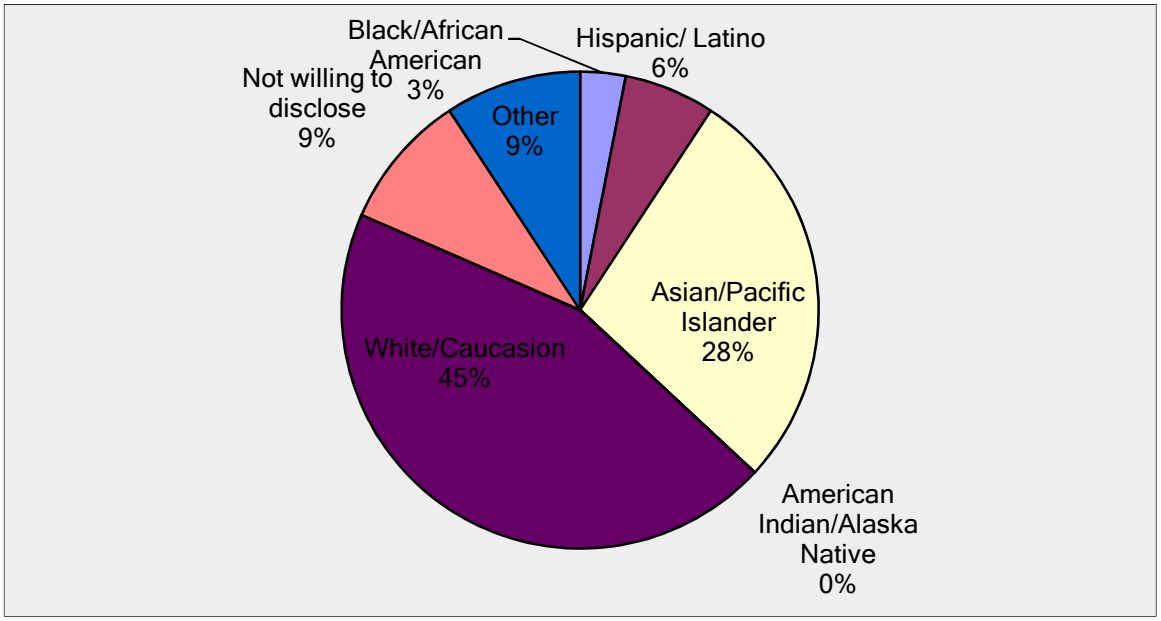


Figure 2. Breakdown of survey respondents by ethnicity

[1] We first started collecting data on semesters to graduation in the spring, 2014 survey.

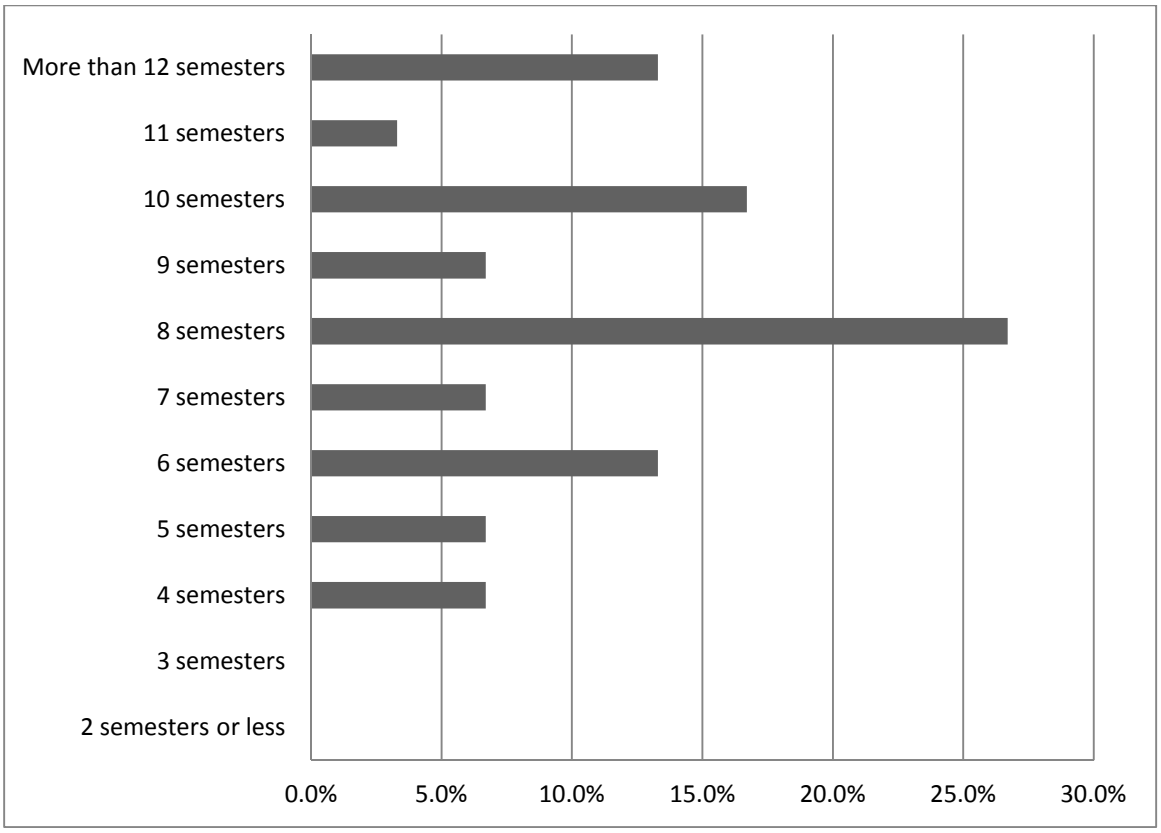


Figure 3. The number of semesters needed by students to graduate. Spring, 2014 graduates only (n = 30)

Interdisciplinary, International, Research, and Internship Experience

We define interdisciplinary activities as those that require students to perform work outside of the major discipline or require students to work with others from another discipline. Figure 4 plots the percentage of students who participated in various activities with interdisciplinary components.

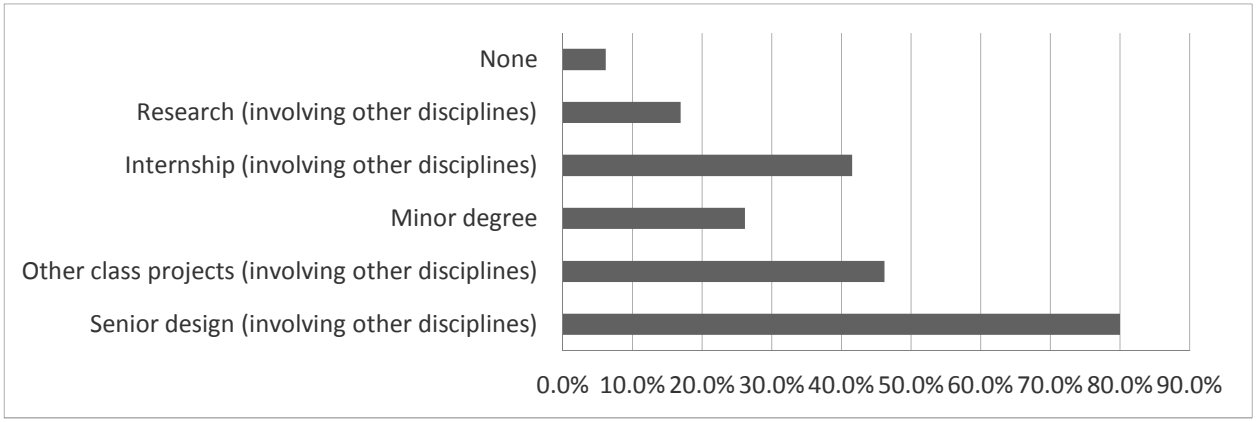


Figure 4. Percentage of graduating seniors who participated in various activities with interdisciplinary component (n = 65)

With respect to student international experiences, which include study abroad, exchange, and international internship programs, just 12 of 65 respondents (18%) had such experiences during their undergraduate years. Likewise, just 13 of 65 (20%) participated in undergraduate research. A substantially higher percentage of students applied for (82%) internships. Of those who applied, 64% actually obtained an internship.

Success at Job-Seeking and Graduate School

85% of graduating seniors had sought employment at the time they completed the exit survey. Of those, 80% had participated in at least one interview, 35% had received at least one job offer, and 27% had actually accepted an offer. Figure 5 plots the starting salaries of those 18 graduates (one student did not specify salary) who had received job offers at the time of the survey.

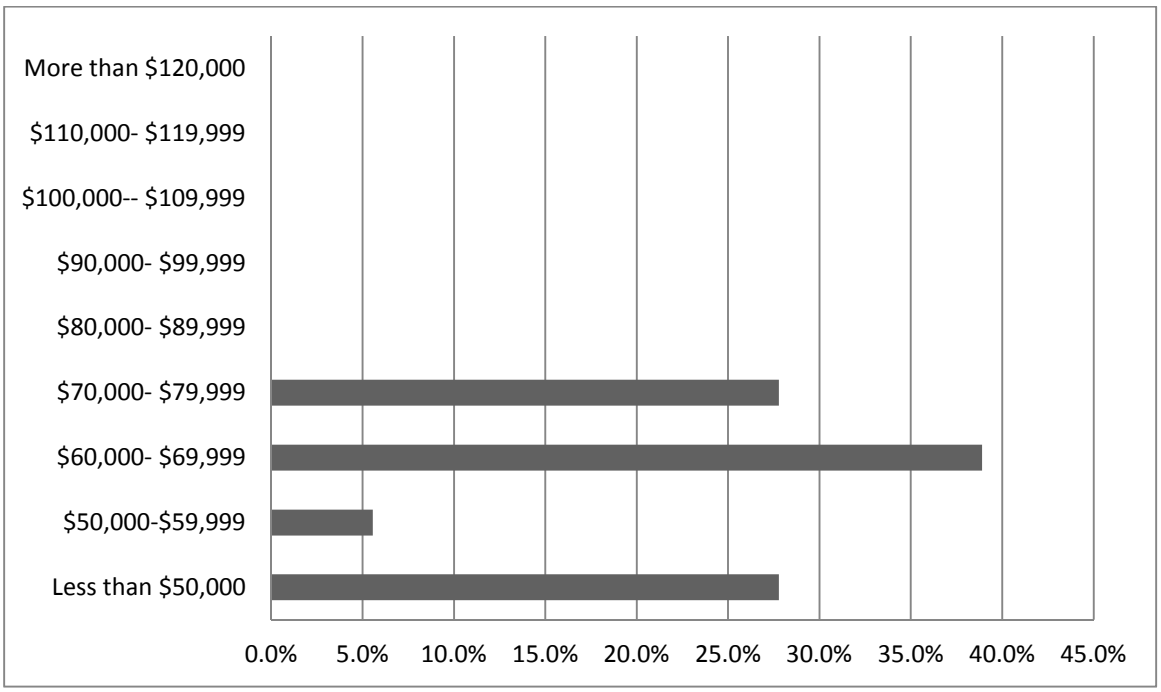


Figure 5. Percentage of students who received offers in each of nine different salary ranges (includes 18 of the 65 survey respondents)

Just seven respondents out of 65 (11%) applied to graduate school. Three of them were accepted.

Perceptions of Preparedness for EE Profession

Survey respondents were asked to rate their preparedness for careers in the electrical engineering profession on a 5-point scale, with 1 being "Excellent," 2 being "Very Good, 3 being "Good," 4 being "Fair," and 5 being "Poor." Figure 6 charts the average responses of respondents to each of the five questions related to career preparedness.

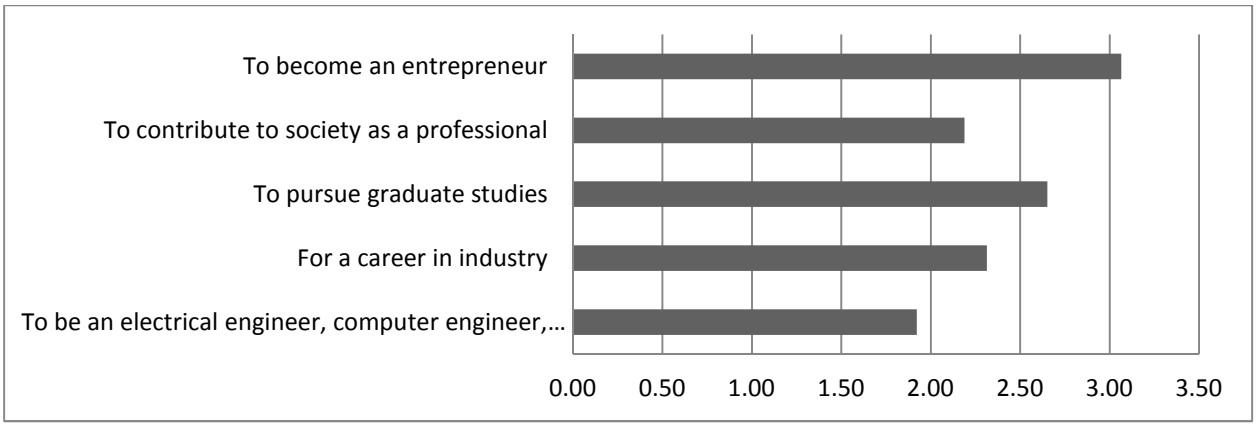


Figure 6. Respondents' ratings of their preparedness for various aspects of a career in the electrical engineering profession. Responses were on a 5-point scale, with 1 being "Excellent" and 5 being "Poor"

Perceptions of Achievement of ABET Outcomes

Finally, the survey asked respondents to rate the extent to which they had attained the eleven student outcomes (A through K) established by the BSEE program for the purposes of assessment. Once again, respondents were asked to make their ratings on a 5-point scale, with 1 being "Excellent," 2 being "Very Good, 3 being "Good," 4 being "Fair," and 5 being "Poor." Figure 7 presents the average ratings by outcome. Note that these questions first appeared on the spring 2014 survey; hence, the results presented here include only the 30 graduates who completed that survey.

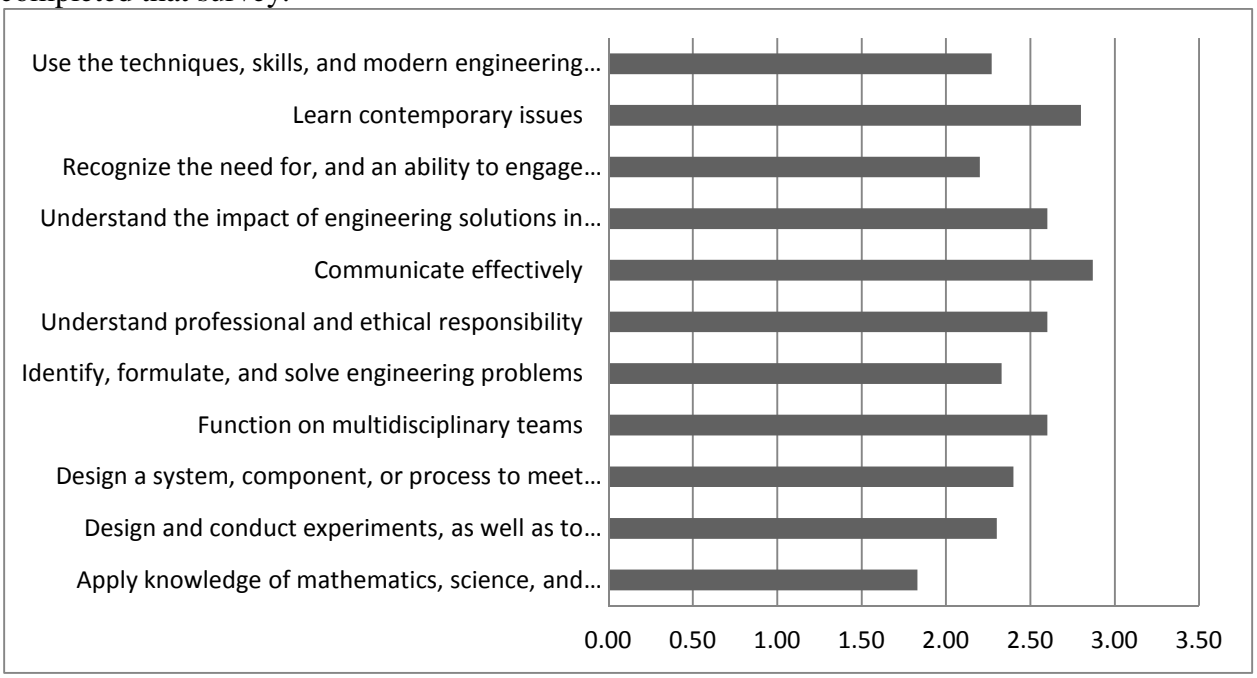


Figure 7. Respondents' average ratings of the extent to which they attained each program outcome. Responses were on a 5-point scale, with 1 being "Excellent" and 5 being "Poor"

4. Discussion and Recommendations

Section 2C of our Assessment Manual (pp. 9) specifies the following performance targets for the senior exit survey: 1. An average response of 2 ("very good") or lower on all 5-point Likert-style questions 2. 80% of graduating seniors either obtain a job in the field, or are accepted into graduate school. With respect to (1), inspection of Figures 6 and 7 reveals that the average ratings provided by students were higher than 2 on most of the questions although the average was below 2.5 for the majority of the questions. In other words, we failed to meet our target across all questions. With respect to (2), results reported in the section entitled "Success at Job-Seeking and Graduate School" show that just 22 of 65 respondents (34%) either obtained a job offer or were accepted into graduate school. This falls well below our 80% target.

Given that these survey results fall below our targets, the Assessment Committee proposes the following recommendations, to be reviewed by the faculty at the 2014 Faculty Retreat in August:

1. Reexamine whether an 80% success rate in job-seeking and graduate school is a realistic goal in the current job market. Consider reformulating the goal to consider only those students who actually sought a job at the time they took the survey.
2. Consider setting new targets based on graduates' GPAs or other performance indicators of their academic success. Perhaps it is reasonable to expect 80% of our top graduates (A-level students) to have been offered a job at the time of graduation, but unreasonable to expect this of all graduates.
3. Our indirect measures of ABET Outcomes A though K indicate that students perceive themselves to have attained certain outcomes to a greater extent than other outcomes. For example, their average rating of 1.83 for Outcome A is better than our target of 2.0; their 2.8 average rating for Outcome J is not. Analysis of data on our direct measures of these outcomes (student work samples and professional skills discussions) suggests that students are or nearly are attaining many of the outcomes. It thus appears that students may be shortchanging themselves to some degree in their survey responses. This could be because the wording of each level on our five-point scale does not align closely with our expectations. To address this misalignment, we might consider adjusting the wording of scale items to align more closely with our expectations: 1 could be "exemplary," 2 could be "capable," 3 could be "needs improvement," and 4 could be "unsatisfactory."

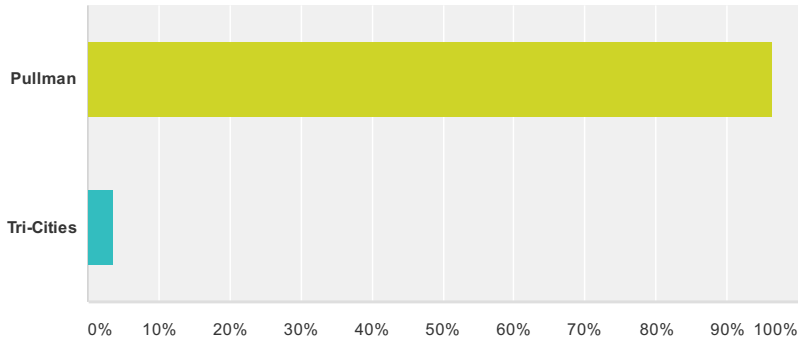
Appendix A:

Summary Survey Responses

Summer, 2013

Q2 From which WSU campus are you earning your degree?

Answered: 28 Skipped: 0



Answer Choices	Responses	
Pullman	**96.43%**	27
Tri-Cities	**3.57%**	1
Total		**28**

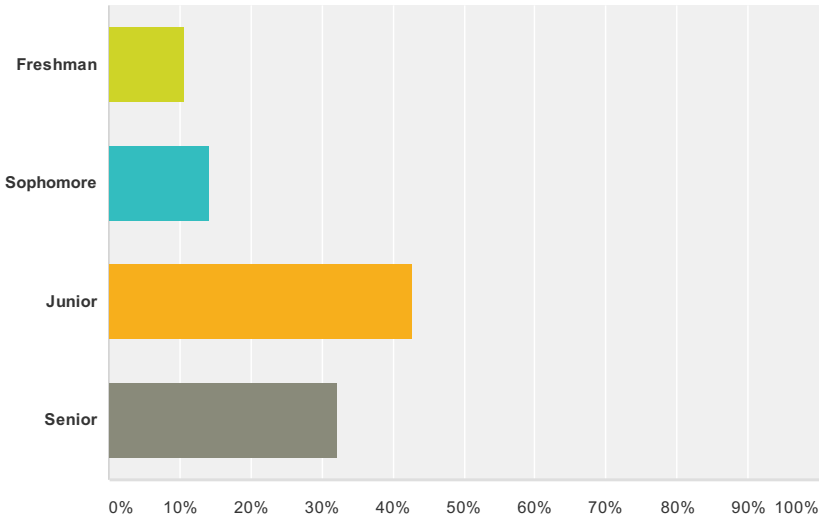
Q3 How long did it take you to complete your degree?

Answered: 28 Skipped: 0

#	Responses	Date
1	Four years at WSU. Five and a half counting time at other schools/transfer credits	2/26/2014 12:03 AM
2	four and half years	1/22/2014 5:56 AM
3	4	1/21/2014 4:30 PM
4	4 years	12/22/2013 10:51 AM
5	w	12/17/2013 2:54 PM
6	sdfs	12/17/2013 2:26 PM
7	6 years	12/13/2013 4:41 PM
8	4 Years	12/10/2013 3:49 PM
9	3 Years	12/9/2013 4:25 PM
10	5 1/2 years	12/8/2013 10:33 PM
11	4.5 yrs	12/5/2013 6:39 PM
12	4.5 years	12/5/2013 6:36 PM
13	Four years and a semester	12/5/2013 5:41 PM
14	two years and one semester at WSU Pullman	12/5/2013 1:33 AM
15	4.5 yrs	12/4/2013 6:06 PM
16	6.5 years	12/4/2013 4:20 PM
17	5 semesters	12/4/2013 2:10 PM
18	Four and a half years.	12/4/2013 1:41 PM
19	Five Years	12/4/2013 1:34 PM
20	4 years.	12/4/2013 1:14 PM
21	4.5 yrs	12/4/2013 1:14 PM
22	It will have been 7 years	12/4/2013 12:12 PM
23	I transferred from Montana State University, I have been studying 2 semesters as Electrical Engineering freshman over there. Then I cam to WSU, and I spent 5 more semesters and 1 whole summer to finish my BSEE and Minor Math degrees	12/4/2013 11:36 AM
24	4.5 years or 9 semesters	12/4/2013 11:33 AM
25	4years	12/4/2013 11:22 AM
26	3 years	12/4/2013 11:07 AM
27	3 years	8/16/2013 11:01 AM
28	5 years	8/5/2013 12:19 PM

Q4 Which year of study was the most difficult for you?

Answered: 28 Skipped: 0



Answer Choices	Responses	
Freshman	**10.71%**	3
Sophomore	**14.29%**	4
Junior	**42.86%**	12
Senior	**32.14%**	9
Total		**28**

Q5 Which class was the hardest class for you?

Answered: 28 Skipped: 0

#	Responses	Date
1	Digital Signal Processing	2/26/2014 12:03 AM
2	EE 464	1/22/2014 5:56 AM
3	EE464	1/21/2014 4:30 PM
4	Digital Signal Processing	12/22/2013 10:51 AM
5	w	12/17/2013 2:54 PM
6	sdfsd	12/17/2013 2:26 PM
7	EE 331 Fields and Waves	12/13/2013 4:41 PM
8	EE451	12/10/2013 3:49 PM
9	EE 493	12/9/2013 4:25 PM
10	Intro to Control Systems	12/8/2013 10:33 PM
11	Senior Design	12/5/2013 6:39 PM
12	EE 321, 351, 464	12/5/2013 6:36 PM
13	Math 315: Differential Equations	12/5/2013 5:41 PM
14	EE 352	12/5/2013 1:33 AM
15	EE489 hardest I completed, I dropped EE464	12/4/2013 6:06 PM
16	Chemistry 105	12/4/2013 4:20 PM
17	Microelectronics	12/4/2013 2:10 PM
18	Computer Science 122	12/4/2013 1:41 PM
19	EE 493	12/4/2013 1:34 PM
20	EE 496	12/4/2013 1:14 PM
21	EE489	12/4/2013 1:14 PM
22	Power Protection	12/4/2013 12:12 PM
23	Signal and systems Control systems	12/4/2013 11:36 AM
24	EE 496 - semicondictor device theory	12/4/2013 11:33 AM
25	EE416	12/4/2013 11:22 AM
26	EE 489 Control systems	12/4/2013 11:07 AM
27	electrical control system	8/16/2013 11:01 AM
28	calculus 3	8/5/2013 12:19 PM

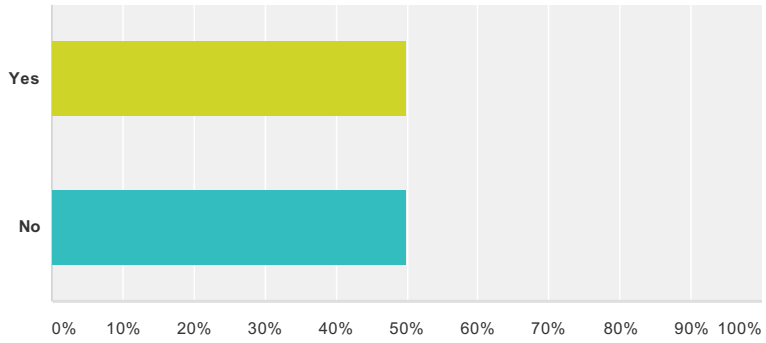
Q6 What was the most valuable class you took?

Answered: 28 Skipped: 0

#	Responses	Date
1	Difficult to narrow down. Classes with labs or that otherwise provided hands on experience were very valuable. e.g. Circuits 1 or 2, and Circuit lab, and EE 431 and 432 come to mind first	2/26/2014 12:03 AM
2	EE 415 & 416	1/22/2014 5:56 AM
3	EE415	1/21/2014 4:30 PM
4	Senior design	12/22/2013 10:51 AM
5	w	12/17/2013 2:54 PM
6	sdfsd	12/17/2013 2:26 PM
7	EE 261/321 Circuits I/II	12/13/2013 4:41 PM
8	Senior Design	12/10/2013 3:49 PM
9	EE 361	12/9/2013 4:25 PM
10	EE 491	12/8/2013 10:33 PM
11	Power Systems Lab	12/5/2013 6:39 PM
12	EE 351	12/5/2013 6:36 PM
13	EE 493: Introduction to power system protection	12/5/2013 5:41 PM
14	EE 489	12/5/2013 1:33 AM
15	EE451 Digital Communication Systems, only class I found that had pertinent info to modern work place. (Working as an application engineer at a NAND memory company)	12/4/2013 6:06 PM
16	EE 324	12/4/2013 4:20 PM
17	Distributed Parameter Systems	12/4/2013 2:10 PM
18	Electronic Circuit Labs	12/4/2013 1:41 PM
19	EE234	12/4/2013 1:34 PM
20	EE 476	12/4/2013 1:14 PM
21	EE451 Digital Communication Systems	12/4/2013 1:14 PM
22	Microprocessors, EE234	12/4/2013 12:12 PM
23	to be honest all the 300 level and 400 level EE classes	12/4/2013 11:36 AM
24	EE 234	12/4/2013 11:33 AM
25	EE586	12/4/2013 11:22 AM
26	EE 432 RF Engineering	12/4/2013 11:07 AM
27	electrical	8/16/2013 11:01 AM
28	circuits 1 with Hanshaw	8/5/2013 12:19 PM

Q7 Did you earn any minors at WSU?

Answered: 28 Skipped: 0

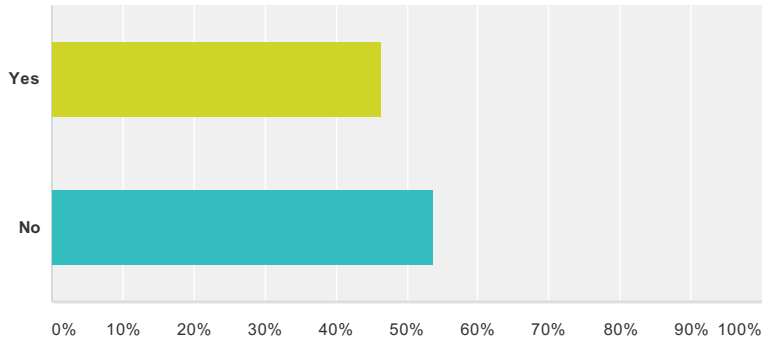


Answer Choices	Responses	
Yes	**50.00%**	14
No	**50.00%**	14
Total		**28**

#	If Yes, which minor?	Date
1	Mathematics	2/26/2014 12:03 AM
2	Math	1/22/2014 5:56 AM
3	w	12/17/2013 2:54 PM
4	sdf	12/17/2013 2:26 PM
5	Mathematics (from previous BS in Comp. Sci.)	12/13/2013 4:41 PM
6	Math	12/5/2013 5:41 PM
7	Mathematics	12/5/2013 1:33 AM
8	Mathematics	12/4/2013 6:06 PM
9	mathmatics	12/4/2013 4:20 PM
10	Mathematics	12/4/2013 2:10 PM
11	Math	12/4/2013 1:14 PM
12	Math	12/4/2013 12:12 PM
13	Math	12/4/2013 11:36 AM
14	Math	8/16/2013 11:01 AM

Q8 Did you receive any scholarships from EECS or WSU?

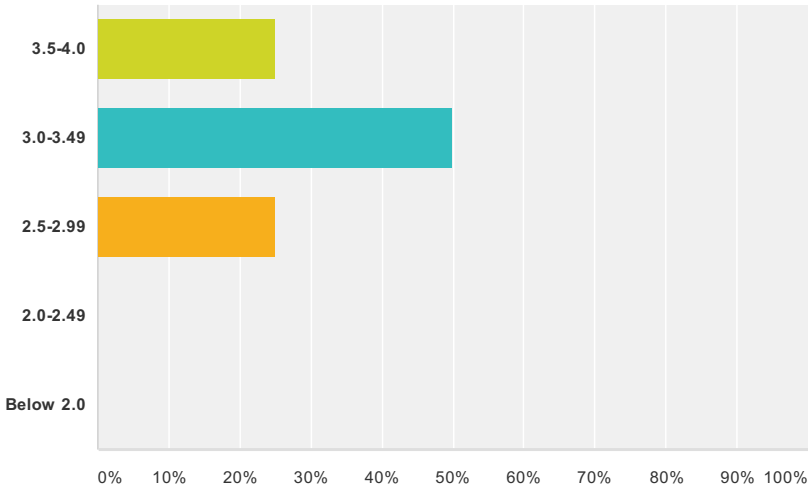
Answered: 28 Skipped: 0



Answer Choices	Responses	
Yes	**46.43%**	13
No	**53.57%**	15
Total		**28**

Q9 What is your current WSU GPA?

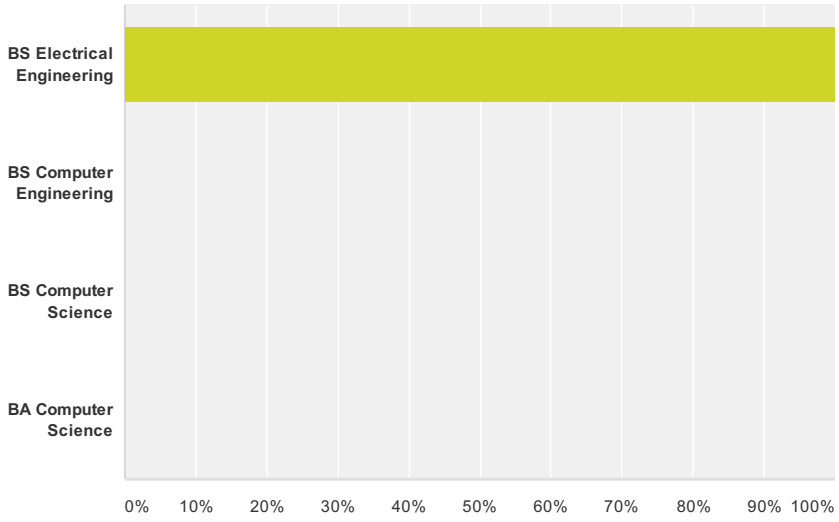
Answered: 28 Skipped: 0



Answer Choices	Responses	
3.5-4.0	**25.00%**	7
3.0-3.49	**50.00%**	14
2.5-2.99	**25.00%**	7
2.0-2.49	**0.00%**	0
Below 2.0	**0.00%**	0
Total		**28**

Q10 Select your academic major

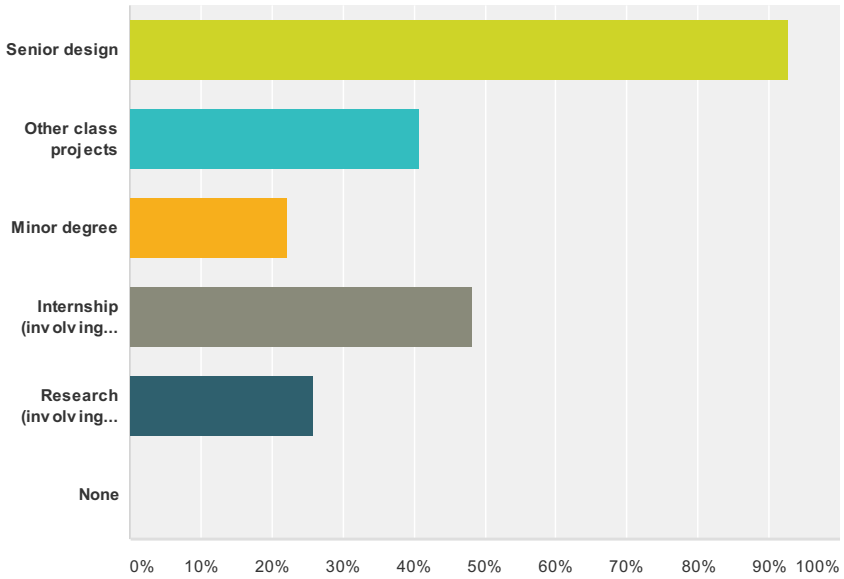
Answered: 28 Skipped: 0



Answer Choices	Responses	
BS Electrical Engineering	**100.00%**	28
BS Computer Engineering	**0.00%**	0
BS Computer Science	**0.00%**	0
BA Computer Science	**0.00%**	0
Total Respondents: 28		

Q11 Interdisciplinary activities are those that require you to perform work outside your major discipline or require you to work with others from another discipline. Please check any interdisciplinary activities in which you have been involved. [check all that apply]

Answered: 27 Skipped: 1

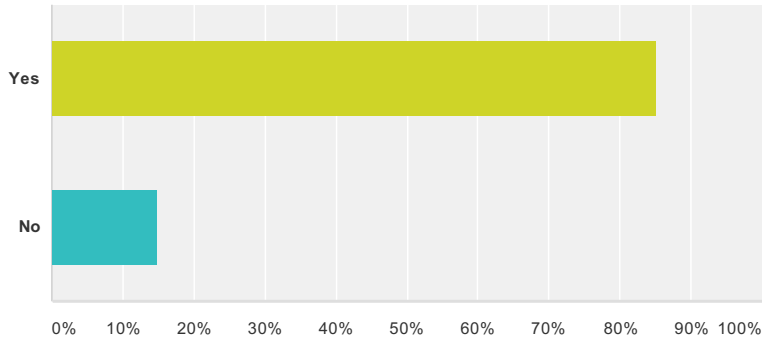


Answer Choices	Responses	
Senior design	**92.59%**	25
Other class projects	**40.74%**	11
Minor degree	**22.22%**	6
Internship (involving another disciplines)	**48.15%**	13
Research (involving another disciplines)	**25.93%**	7
None	**0.00%**	0
Total Respondents: 27		

#	Other (please specify)	Date
1	GER class projects	12/8/2013 10:42 PM
2	GERS, Internship in HVAC	12/5/2013 6:51 PM

Q12 EECS defines an internship as a job experience in which you worked in your field of study for an employer or mentor who is a professional in the same field or a closely related field. Did you seek and/or apply for internships?

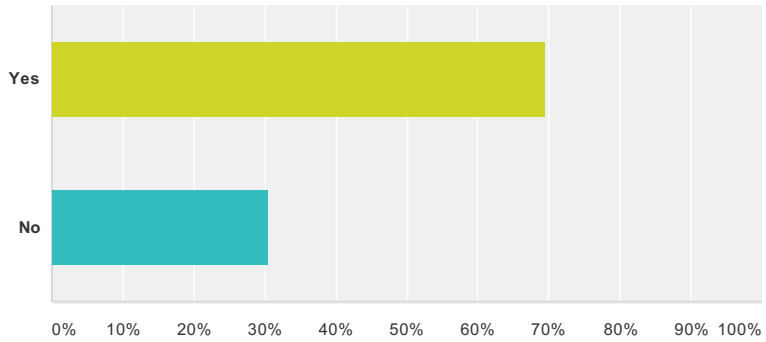
Answered: 27 Skipped: 1



Answer Choices	Responses	
Yes	**85.19%**	23
No	**14.81%**	4
Total		**27**

Q13 Did you participate in an internship during your time at WSU?

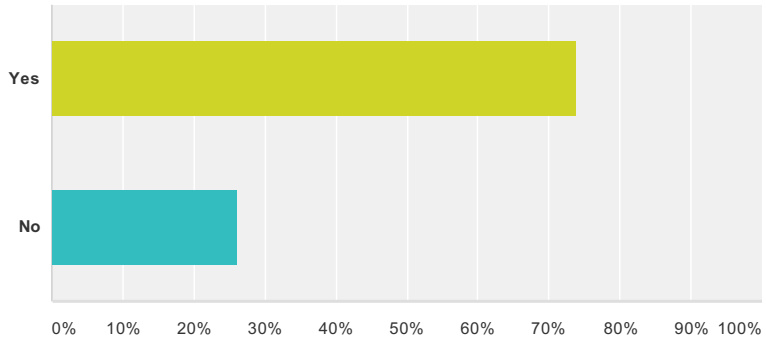
Answered: 23 Skipped: 5



Answer Choices	Responses	
Yes	**69.57%**	16
No	**30.43%**	7
Total		**23**

Q14 Were you paid for your internship?

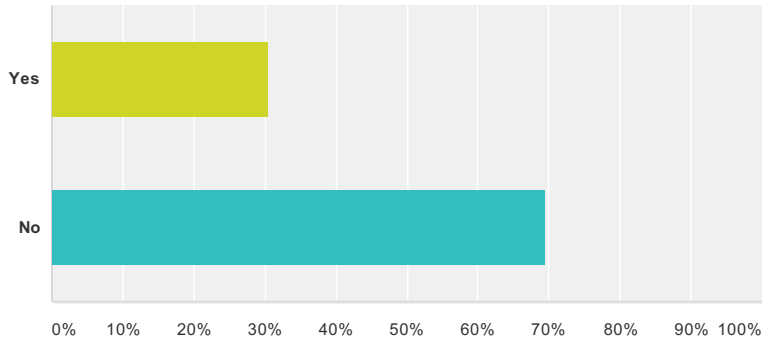
Answered: 23 Skipped: 5



Answer Choices	Responses	
Yes	**73.91%**	17
No	**26.09%**	6
Total		**23**

Q15 Did you earn credit for your internship?

Answered: 23 Skipped: 5



Answer Choices	Responses	
Yes	**30.43%**	7
No	**69.57%**	16
Total		**23**

Q16 Please provide the name(s) of the company(s) where you did your internship(s).

Answered: 23 Skipped: 5

#	Responses	Date
1	not applicable	2/26/2014 12:04 AM
2	Haier America	1/22/2014 6:14 AM
3	None	1/21/2014 4:34 PM
4	none	12/22/2013 10:57 AM
5	c	12/17/2013 2:59 PM
6	fsdf	12/17/2013 2:30 PM
7	PNNL	12/13/2013 4:59 PM
8	SEL	12/10/2013 3:57 PM
9	Tacoma Power	12/8/2013 10:43 PM
10	Verizon Wireless	12/5/2013 6:59 PM
11	BASIXAI Dover, NH	12/5/2013 6:52 PM
12	Hawaiian Electric Company Tower Engineering Hawaii	12/5/2013 6:03 PM
13	R.J. Lee Group, City of Pasco, East Automation	12/5/2013 5:33 AM
14	WSU EECS department	12/5/2013 1:42 AM
15	Micron Technology	12/4/2013 6:13 PM
16	Absolute refrigeration and electric	12/4/2013 4:27 PM
17	Small company called Vnom Power Systems	12/4/2013 1:52 PM
18	Schweitzer Engineering Laboratories The Boeing Company	12/4/2013 1:51 PM
19	Itron	12/4/2013 1:25 PM
20	Monolithic Power Systems San Jose CA	12/4/2013 11:53 AM
21	N/A	12/4/2013 11:43 AM
22	SEL	8/16/2013 11:07 AM
23	Optinav Inc Alstom T&D	8/5/2013 12:26 PM

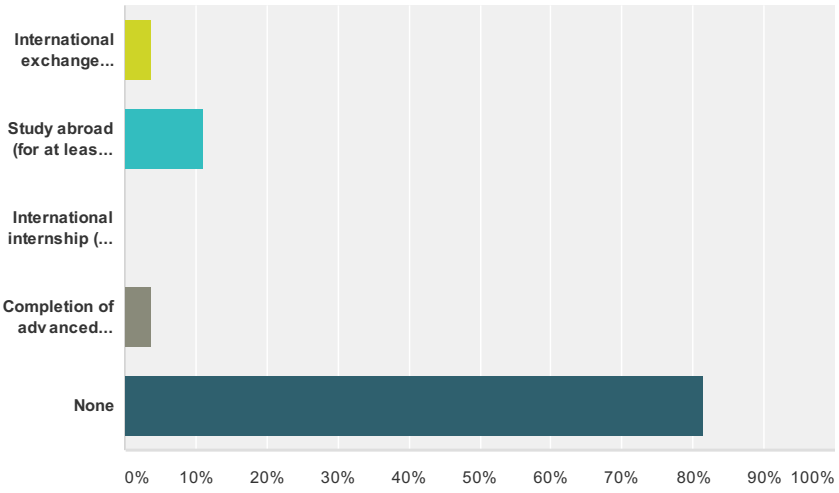
Q17 How did you get the internship(s) (e.g., career fair, faculty recommendation, applied online, etc.)?

Answered: 23 Skipped: 5

#	Responses	Date
1	N.A.	2/26/2014 12:04 AM
2	applied online	1/22/2014 6:14 AM
3	none	1/21/2014 4:34 PM
4	none	12/22/2013 10:57 AM
5	c	12/17/2013 2:59 PM
6	sdf	12/17/2013 2:30 PM
7	Lab assistant informed me of an opening for an internship.	12/13/2013 4:59 PM
8	Through my Senior Design Project	12/10/2013 3:57 PM
9	E4 Technical Career Fair (IEEE)	12/8/2013 10:43 PM
10	E4 Careeer Fair	12/5/2013 6:59 PM
11	Application	12/5/2013 6:52 PM
12	Applied online	12/5/2013 6:03 PM
13	I knew somone	12/5/2013 5:33 AM
14	Faculty recommendation	12/5/2013 1:42 AM
15	Met Micron technology at the fall career fair, however I was accepted for an internship which I applied for online.	12/4/2013 6:13 PM
16	Found it myself	12/4/2013 4:27 PM
17	Company emailed the school.	12/4/2013 1:52 PM
18	Applying online after seeing the companies at the career fair.	12/4/2013 1:51 PM
19	Interview.	12/4/2013 1:25 PM
20	through my own effort	12/4/2013 11:53 AM
21	N/A	12/4/2013 11:43 AM
22	PUD	8/16/2013 11:07 AM
23	personal networking	8/5/2013 12:26 PM

Q18 International experiences are activities that help develop competencies for living or working in another country. Please check any international experiences you have had during your undergraduate studies. [check all that apply]

Answered: 27 Skipped: 1



Answer Choices	Responses	
International exchange program (for at least one semester)	**3.70%**	1
Study abroad (for at least one semester)	**11.11%**	3
International internship (for at least one semester)	**0.00%**	0
Completion of advanced foreign language course (300-level or higher)	**3.70%**	1
None	**81.48%**	22
Total Respondents: 27		

#	Other (please specify)	Date
1	I am international student	1/22/2014 6:15 AM
2	I am from a different country	12/4/2013 11:54 AM

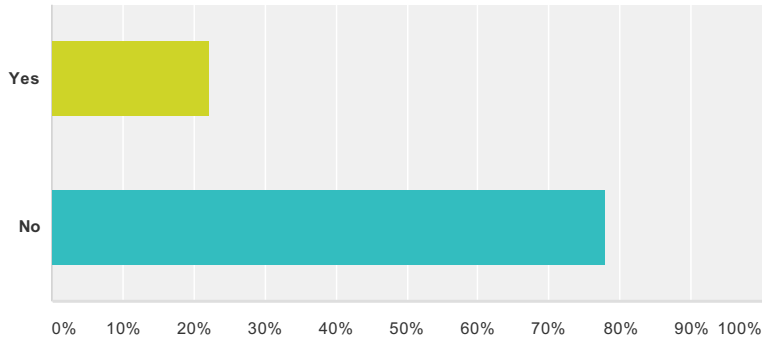
Q19 Please describe your study abroad experience. Include where you studied, how long you were there, and if you earned credits toward your degree.

Answered: 27 Skipped: 1

#	Responses	Date
1	N.A.	2/26/2014 12:04 AM
2	i studied whole four and half years in WSU	1/22/2014 6:16 AM
3	N/A	1/21/2014 4:34 PM
4	none	12/22/2013 10:57 AM
5	b	12/17/2013 2:59 PM
6	none	12/17/2013 2:31 PM
7	N/A	12/13/2013 4:59 PM
8	I did do one.	12/10/2013 3:57 PM
9	N/A	12/9/2013 4:41 PM
10	No experience abroad.	12/8/2013 10:44 PM
11	I DIDNT	12/5/2013 6:59 PM
12	NONE	12/5/2013 6:53 PM
13	none	12/5/2013 6:04 PM
14	I've never been able to have a vacation since I've been in school.	12/5/2013 5:33 AM
15	I studied in Sri Lanka during 2012 summer session and earned credits towards my degree	12/5/2013 1:44 AM
16	Didn't do it.	12/4/2013 6:14 PM
17	None	12/4/2013 4:27 PM
18	Summer 2012, I took Physics 202, Biology and Anthropology, total of 10 credits, in Sri Lanka.	12/4/2013 2:22 PM
19	None	12/4/2013 1:54 PM
20	N/A	12/4/2013 1:51 PM
21	none.	12/4/2013 1:25 PM
22	Studying in America is my oversea study experience, because I am from a different country	12/4/2013 11:56 AM
23	N/A	12/4/2013 11:43 AM
24	2010.1 – 2013.12 : Dept. of Electrical Engineering, Washington State University B.Sc.Degree, December, 2013 expectant 2013.6 – 2013.8, 2012.6 – 2013.8 : Highline Community College Summer course 2013.6 – 2013.8 : South Seattle Community College Summer course 2005.3 – 2006.7 : Dept. of Electronic Engineering, Seajong University, Korea	12/4/2013 11:36 AM
25	None	12/4/2013 11:17 AM
26	1 credit	8/16/2013 11:08 AM
27	none	8/5/2013 12:26 PM

Q20 Undergraduate research is defined as formal research done under the guidance of a faculty member or professional in your field outside of the work done in your required classes and electives. Did you do undergraduate research?

Answered: 27 Skipped: 1

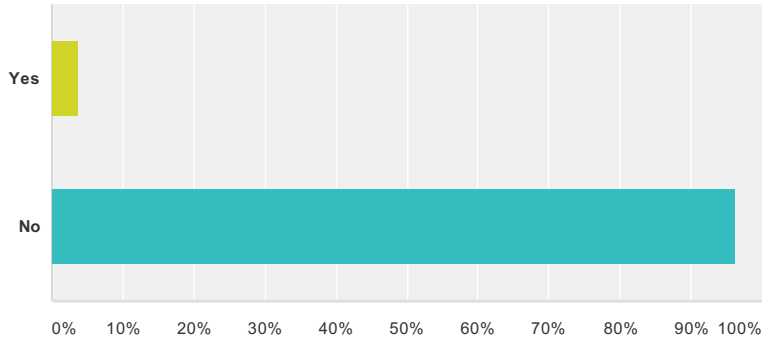


Answer Choices	Responses	
Yes	**22.22%**	6
No	**77.78%**	21
Total		**27**

#	If yes, please describe your research experience.	Date
1	Special Topics - Design and Build a Current Controlled Buck-Boost Converter	12/5/2013 5:35 AM
2	Excellent	12/5/2013 1:45 AM
3	WSU Computational Nanoscience Laboratory - Algorithm Developer	12/4/2013 2:23 PM
4	I entered to the Dr. Heo's lab for undergraduate research and it was so fascinate experiences	12/4/2013 11:38 AM
5	Strengthened my programming skills using Matlab and other research related skills.	12/4/2013 11:19 AM

Q21 Did you particiate in the National Science Foundation's Research Experience for Undergraduates (REU) program?

Answered: 27 Skipped: 1

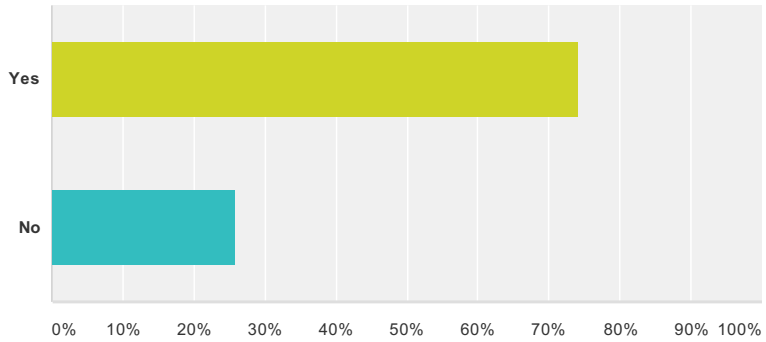


Answer Choices	Responses	
Yes	3.70%	1
No	96.30%	26
Total Respondents: 27		

#	If yes, where?	Date
1	IEEE	1/21/2014 4:35 PM
2	WSU	12/4/2013 1:27 PM

Q22 Are you a member of a professional society (e.g., IEEE, ACM, etc)?

Answered: 27 Skipped: 1

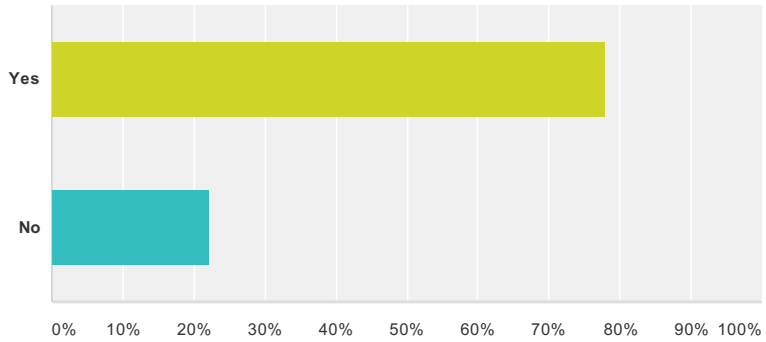


Answer Choices	Responses	
Yes	**74.07%**	20
No	**25.93%**	7
Total		**27**

#	Which ones?	Date
1	IEEE	12/22/2013 10:57 AM
2	IEEE	12/10/2013 3:58 PM
3	IEEE	12/9/2013 6:15 PM
4	IEEE	12/8/2013 10:44 PM
5	IEEE	12/5/2013 7:00 PM
6	IEEE	12/5/2013 6:54 PM
7	IEEE	12/5/2013 6:04 PM
8	IEEE	12/5/2013 5:35 AM
9	IEEE	12/5/2013 1:45 AM
10	I am the secretary of IEEE at WSU	12/4/2013 5:08 PM
11	IEEE	12/4/2013 2:23 PM
12	IEEE	12/4/2013 1:27 PM
13	IEEE	12/4/2013 11:44 AM
14	IEEE, TBP	12/4/2013 11:38 AM
15	iEEE	8/16/2013 11:08 AM

Q23 Have you sought and applied for employment to begin after graduation?

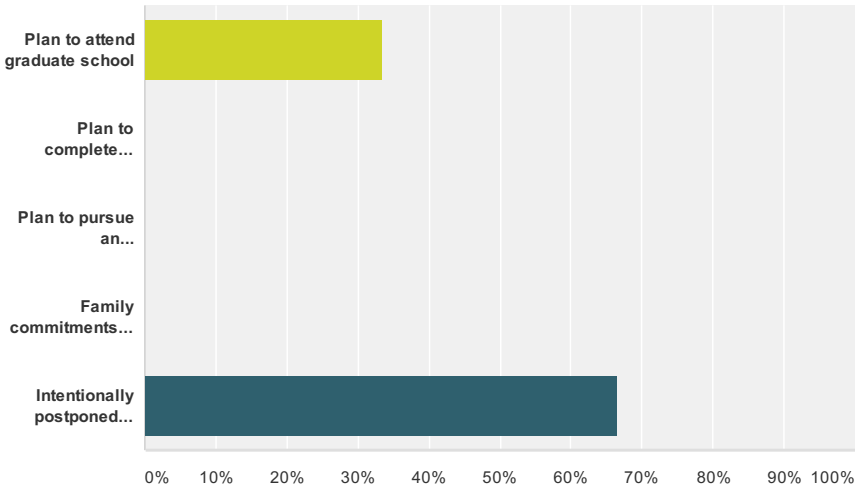
Answered: 27 Skipped: 1



Answer Choices	Responses	
Yes	**77.78%**	21
No	**22.22%**	6
Total		**27**

Q24 For what reason(s) did you not seek employment? [check all that apply]

Answered: 6 Skipped: 22

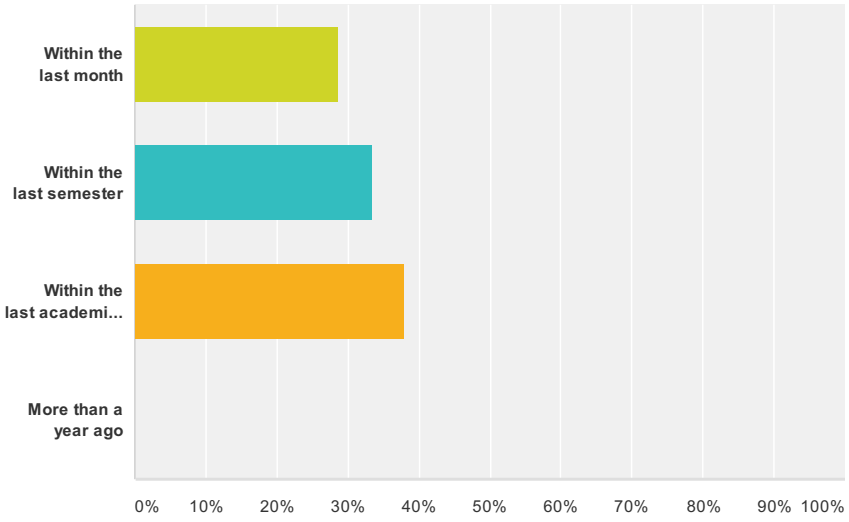


Answer Choices	Responses	
Plan to attend graduate school	**33.33%**	2
Plan to complete another undergraduate degree	**0.00%**	0
Plan to pursue an entrepreneurial/self-employment endeavor	**0.00%**	0
Family commitments prevent job search	**0.00%**	0
Intentionally postponed search with intention to begin search in near future	**66.67%**	4
Total Respondents: 6		

#	Other (please specify)	Date
1	Had a job until a few months ago, voluntarily quit, still deciding which direction I want my career to go.	12/13/2013 5:02 PM
2	Well, I still have to do school in order to graduate. And, if I was to graduate this December, the reason would have been because busy work has kept me from doing the one thing this university wants their students to get. Especially when there are surveys such as this where my only options in the selections are neither of what the reality is.	12/5/2013 5:38 AM

Q25 When did you start looking for a job?

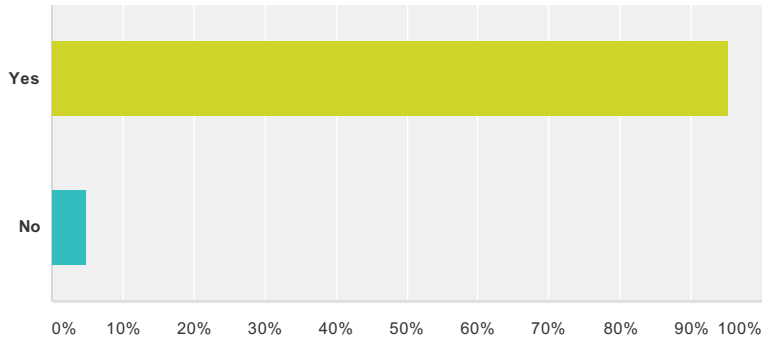
Answered: 21 Skipped: 7



Answer Choices	Responses	
Within the last month	**28.57%**	6
Within the last semester	**33.33%**	7
Within the last academic year	**38.10%**	8
More than a year ago	**0.00%**	0
Total		**21**

Q26 Did you participate in career fairs?

Answered: 21 Skipped: 7



Answer Choices	Responses	
Yes	**95.24%**	20
No	**4.76%**	1
Total		**21**

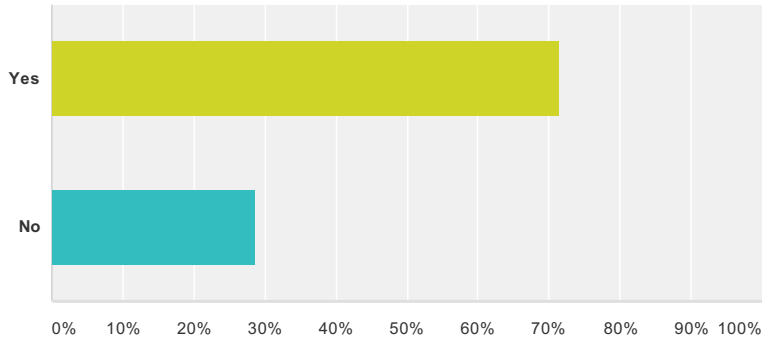
Q27 How many companies/organizations did you contact about employment?

Answered: 21 Skipped: 7

#	Responses	Date
1	5-7	2/26/2014 12:04 AM
2	about 5	1/22/2014 6:18 AM
3	10	1/21/2014 4:35 PM
4	none	12/22/2013 10:58 AM
5	c	12/17/2013 3:01 PM
6	8	12/17/2013 2:32 PM
7	1	12/9/2013 6:16 PM
8	2	12/9/2013 4:42 PM
9	10	12/8/2013 10:44 PM
10	Verizon Wireless Intel	12/5/2013 7:00 PM
11	Roughly 5	12/5/2013 6:54 PM
12	About 7	12/5/2013 6:05 PM
13	3 to 5	12/5/2013 1:46 AM
14	Few about full time employment but probably 8-10 about an internship. Internship led to full time employment.	12/4/2013 6:14 PM
15	5	12/4/2013 5:09 PM
16	1	12/4/2013 1:52 PM
17	10+	12/4/2013 11:44 AM
18	.	12/4/2013 11:39 AM
19	3	12/4/2013 11:19 AM
20	50 ccompanies	8/16/2013 11:08 AM
21	10+	8/5/2013 12:27 PM

Q28 Did you get any interviews?

Answered: 21 Skipped: 7



Answer Choices	Responses	
Yes	**71.43%**	15
No	**28.57%**	6
Total		**21**

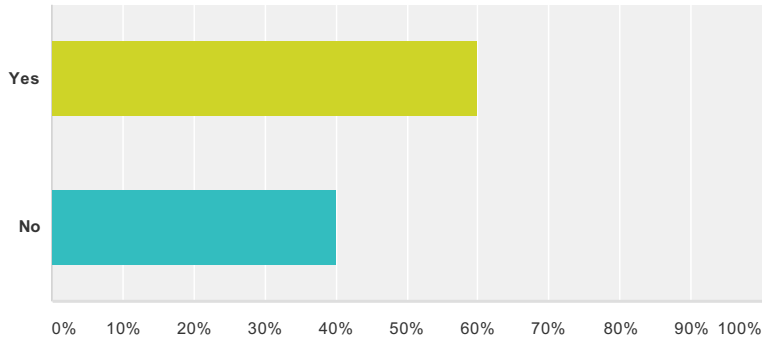
Q29 List the companies/organizations with which you interviewed.

Answered: 15 Skipped: 13

#	Responses	Date
1	Boeing	2/26/2014 12:04 AM
2	Haier America, Whirlpool, SEL, Philips	1/22/2014 6:20 AM
3	n	12/17/2013 3:01 PM
4	asdas	12/17/2013 2:32 PM
5	Eaton Corporation	12/9/2013 6:16 PM
6	Verizon Wireless Intel	12/5/2013 7:00 PM
7	Avista, November Career Fair	12/5/2013 6:55 PM
8	Eaton Corporation Bechtel Corporation	12/5/2013 6:05 PM
9	SEL and Schneider Electric	12/5/2013 1:47 AM
10	Too many questions on this exit survey	12/4/2013 6:14 PM
11	Schneider Electric Monolithic Power System	12/4/2013 5:10 PM
12	The Boeing Company	12/4/2013 1:52 PM
13	Microsoft, Siemens Electronics, Crane Aerospace.	12/4/2013 11:45 AM
14	PUD,SEL	8/16/2013 11:09 AM
15	Synapse, Microvision,	8/5/2013 12:27 PM

Q30 Did you receive any job offers?

Answered: 15 Skipped: 13



Answer Choices	Responses	
Yes	**60.00%**	9
No	**40.00%**	6
Total		**15**

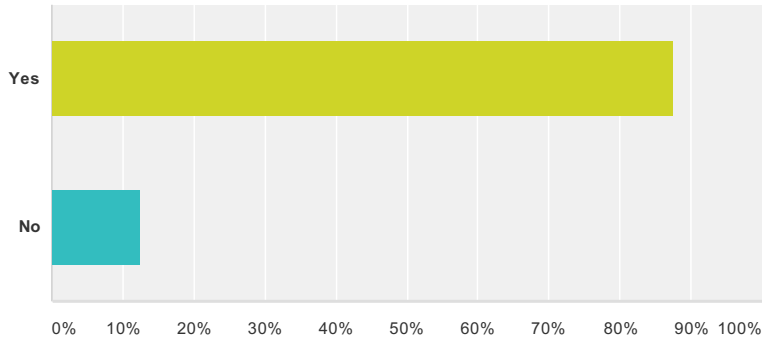
Q31 List the companies/organizations that offered you a job.

Answered: 8 Skipped: 20

#	Responses	Date
1	Haier America	1/22/2014 6:22 AM
2	b	12/17/2013 3:01 PM
3	Eaton Corporation	12/9/2013 6:17 PM
4	Verizon Wireless Intel	12/5/2013 7:01 PM
5	Eaton Corporation	12/5/2013 6:06 PM
6	Micron	12/4/2013 6:15 PM
7	Not Yet at this moment	12/4/2013 5:43 PM
8	The Boeing Company	12/4/2013 1:53 PM

Q32 Did you accept a job offer?

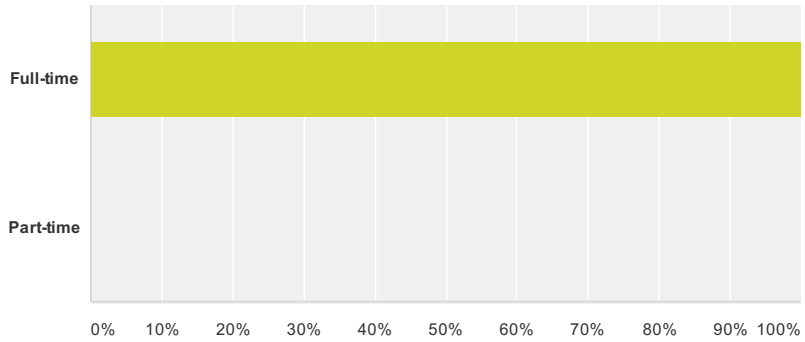
Answered: 8 Skipped: 20



Answer Choices	Responses	
Yes	**87.50%**	7
No	**12.50%**	1
Total		**8**

Q33 Is the position you were offered full or part-time?

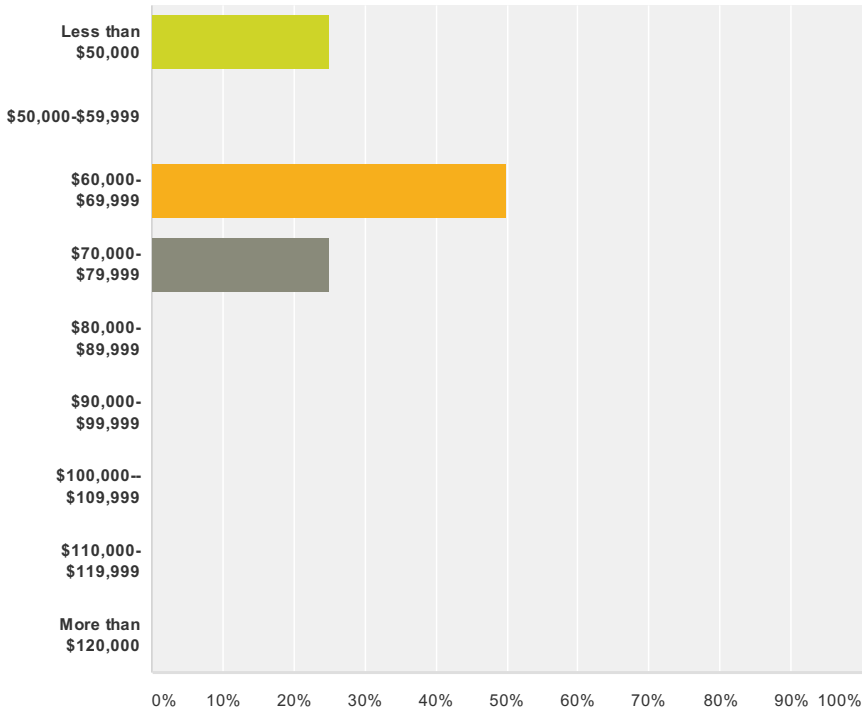
Answered: 8 Skipped: 20



Answer Choices	Responses	
Full-time	**100.00%**	8
Part-time	**0.00%**	0
Total		**8**

Q34 Please indicate the starting salary range for the position you were offered.

Answered: 8 Skipped: 20



Answer Choices	Responses	
Less than $50,000	25.00%	2
$50,000-$59,999	0.00%	0
$60,000- $69,999	50.00%	4
$70,000- $79,999	25.00%	2
$80,000- $89,999	0.00%	0
$90,000- $99,999	0.00%	0
$100,000-- $109,999	0.00%	0
$110,000- $119,999	0.00%	0
More than $120,000	0.00%	0
Total		**8**

#	Less than 50K or more than 120K please explain	Date
1	intern, only$30,000per year	1/22/2014 6:22 AM
2	Not yet get the pffer	12/4/2013 5:43 PM

Q35 Other than salary, did you receive any additional compensation (company car, shares in the company, signing bonus...)? Please explain.

Answered: 8 Skipped: 20

#	Responses	Date
1	None	1/22/2014 6:22 AM
2	b	12/17/2013 3:01 PM
3	signing bonus and company car	12/9/2013 6:17 PM
4	all benefits 401k plan company phone company car if i chose to be a system performance engineer relocation bonus	12/5/2013 7:01 PM
5	Signing bonus, moving expenses	12/5/2013 6:06 PM
6	Relocation and annual bonus, starting at engineer 2 thanks to previous military experience and consecutive internships with the same group at Micron.	12/4/2013 6:15 PM
7	not yet get the offer	12/4/2013 5:43 PM
8	Relocation Benefits	12/4/2013 1:53 PM

Q36 If you did not accept the job offer(s), please explain why.

Answered: 1 Skipped: 27

#	Responses	Date
1	hopefully I will in a short period	12/4/2013 5:43 PM

Q37 Which company's/organization's offer did you accept?

Answered: 7 Skipped: 21

#	Responses	Date
1	Haier America	1/22/2014 6:23 AM
2	n	12/17/2013 3:02 PM
3	Eaton	12/9/2013 6:18 PM
4	Verizon Wireless	12/5/2013 7:02 PM
5	Eaton Corporation	12/5/2013 6:07 PM
6	Micron	12/4/2013 6:15 PM
7	The Boeing Company	12/4/2013 1:56 PM

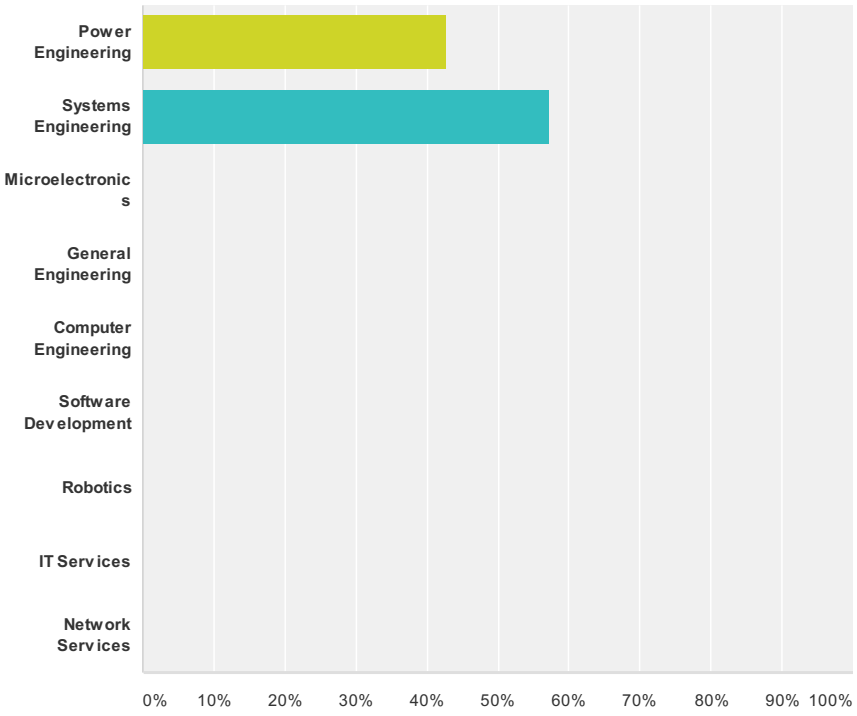
Q38 What is the geographic location of the job you accepted (specific city and state)?

Answered: 7 Skipped: 21

#	Responses	Date
1	New York, NY	1/22/2014 6:23 AM
2	n	12/17/2013 3:02 PM
3	Seattle, WA	12/9/2013 6:18 PM
4	portland or	12/5/2013 7:02 PM
5	Seattle or Boston	12/5/2013 6:07 PM
6	Boise Idaho	12/4/2013 6:15 PM
7	Long Beach, California	12/4/2013 1:56 PM

Q39 Which area of emphasis will your job duties primarily focus on?

Answered: 7 Skipped: 21



Answer Choices	Responses	
Power Engineering	**42.86%**	3
Systems Engineering	**57.14%**	4
Microelectronics	**0.00%**	0
General Engineering	**0.00%**	0
Computer Engineering	**0.00%**	0
Software Development	**0.00%**	0
Robotics	**0.00%**	0
IT Services	**0.00%**	0
Network Services	**0.00%**	0
Total		**7**

#	Other (please specify)	Date
	There are no responses.	

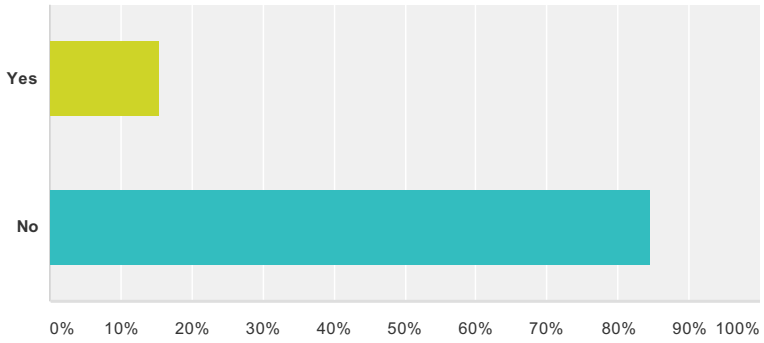
Q40 What or who helped the most with your job placement?

Answered: 7 Skipped: 21

#	Responses	Date
1	My senior design experience.	1/22/2014 6:23 AM
2	b	12/17/2013 3:02 PM
3	God...	12/9/2013 6:18 PM
4	EE 351, 431, 432	12/5/2013 7:02 PM
5	Strong understanding of power systems	12/5/2013 6:07 PM
6	My military background	12/4/2013 6:15 PM
7	No one really helped me, I was always very proactive about pursuing a position at The Boeing Company. I applied for positions internally and would seek out managers to show my interest in their respected groups.	12/4/2013 1:56 PM

Q41 Have you applied for graduate school?

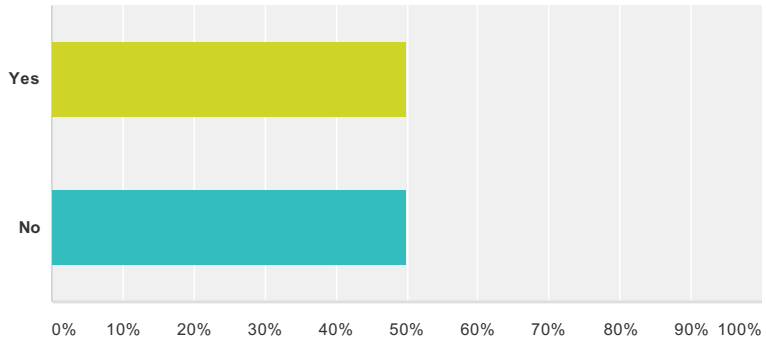
Answered: 26 Skipped: 2



Answer Choices	Responses	
Yes	**15.38%**	4
No	**84.62%**	22
Total		**26**

Q42 Have you been accepted to graduate school?

Answered: 4 Skipped: 24



Answer Choices	Responses	
Yes	**50.00%**	2
No	**50.00%**	2
Total		**4**

Q43 List where you have been accepted to graduate school. (Please provide name of school and program.)

Answered: 2 Skipped: 26

#	Responses	Date
1	Washingtom State University - Electrical Engineering	12/5/2013 1:49 AM
2	WSU	12/4/2013 1:27 PM

Q44 If you plan to attend graduate school, please indicate the one you will attend. (If you will not attend any, please explain why.)

Answered: 2 Skipped: 26

#	Responses	Date
1	Washington sate university	12/5/2013 1:49 AM
2	WSU, EECS	12/4/2013 1:27 PM

Q45 Please rate the quality of the Computer Science program in helping to prepare you:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
To be a computer scientist	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
For a career in industry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To pursue graduate studies	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To contribute to society as a professional	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To become an entrepreneur	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q46 Please rate the quality of the Computer Science program in helping you:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Learn the mathematical skills needed for computer science careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the science skills needed for computer science careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the computer science skills needed for computer science careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn to use probability and statistics concepts in computer science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn software design principles	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Work with others on team projects	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn new material not taught in class by finding, evaluating and using outside resources	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the basics of computer science ethics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in oral presentations	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in writing	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the relationship of computer science to solving societal problems	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the value of lifelong learning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Gain sound knowledge of contemporary issues	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Design programs to meet specified needs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q47 Please rate the emphasis given to the following areas in the Computer Science program.

Answered: 0 Skipped: 28

! No matching responses.

	Too little	(no label)	About right	(no label)	Too much	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Software design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Probability and statistics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Option courses	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q48 Please rate the importance of the following topics in the practice of Computer Science.

Answered: 0 Skipped: 28

! No matching responses.

	High	(no label)	Medium	(no label)	Low	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Software design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Probability and statistics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Option courses	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q49 Please rate the quality of instruction and support by faculty in the following areas:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q50 Please rate the quality of the instruction and instructional support by teaching assistants during your Computer Engineering program.

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q51 Please rate the quality of advising you received as it relates to the following topics:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Academic planning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Career opportunities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Graduate education	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Internships	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Option courses	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q52 Please rate the quality of instructional facilities:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Classrooms	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computing labs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Student lounges	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Library facilities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q53 Would you recommend EECS to a friend or a relative?

Answered: 0 Skipped: 28

! No matching responses.

Answer Choices	Responses	
Yes	0.00%	0
No	0.00%	0
Total Respondents: 0		

Q54 As an alum, are you willing to help with recruiting, fund raising, arranging alumni events or meetings?

Answered: 0 Skipped: 28

! No matching responses.

Answer Choices	Responses	
Yes	0.00%	0
No	0.00%	0
Total Respondents: 0		

Q55 What would you say are the strengths of the WSU Computer Science program?

Answered: 0 Skipped: 28

#	Responses	Date
	There are no responses.	

Q56 What would you say are the weaknesses of the WSU Computer Science program?

Answered: 0 Skipped: 28

#	Responses	Date
	There are no responses.	

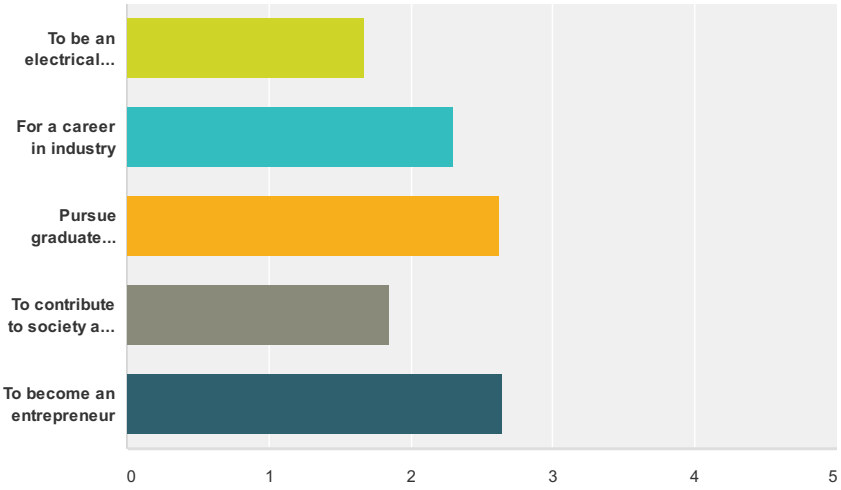
Q57 What suggestions do you have for improving the WSU Computer Science program?

Answered: 0 Skipped: 28

#	Responses	Date
	There are no responses.	

Q58 Please rate the quality of the curriculum in Electrical Engineering in helping you:

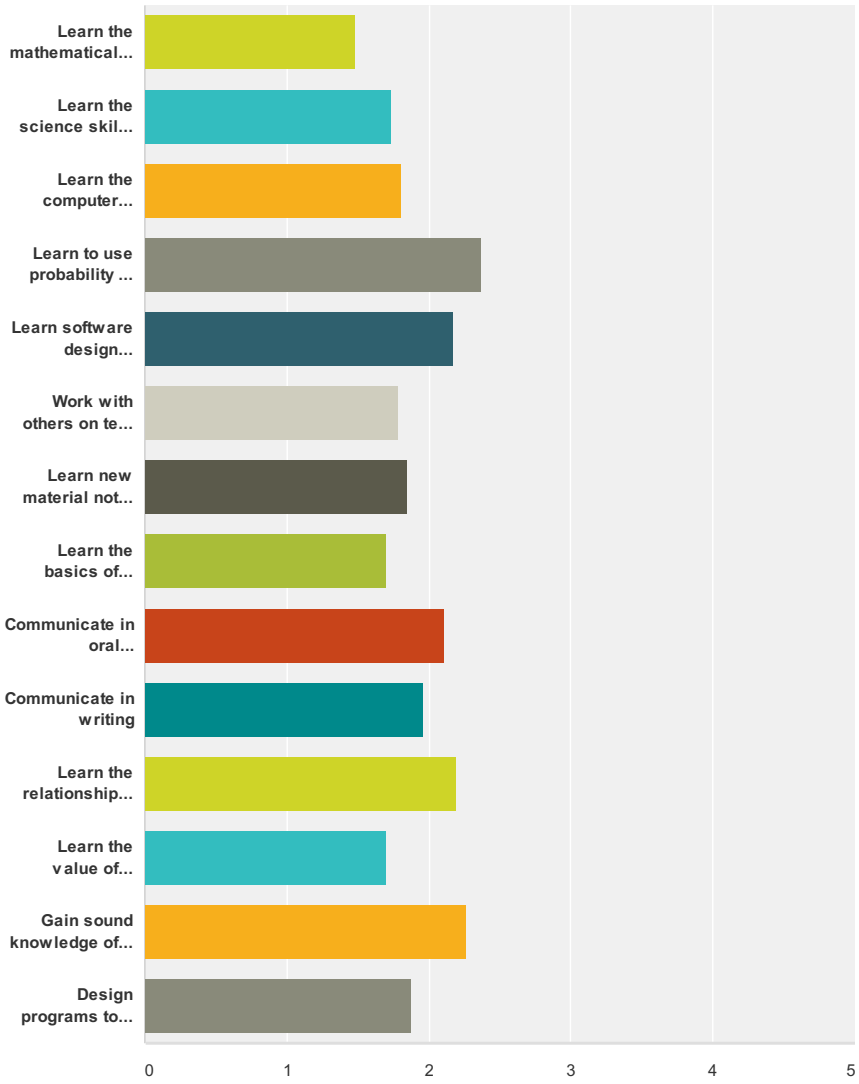
Answered: 27 Skipped: 1



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
To be an electrical engineer	**40.74%** 11	**51.85%** 14	**7.41%** 2	**0.00%** 0	**0.00%** 0	**0.00%** 0	27	1.67
For a career in industry	**29.63%** 8	**25.93%** 7	**33.33%** 9	**7.41%** 2	**3.70%** 1	**0.00%** 0	27	2.30
Pursue graduate studies	**25.93%** 7	**18.52%** 5	**25.93%** 7	**18.52%** 5	**7.41%** 2	**3.70%** 1	27	2.62
To contribute to society as a professional	**37.04%** 10	**40.74%** 11	**22.22%** 6	**0.00%** 0	**0.00%** 0	**0.00%** 0	27	1.85
To become an entrepreneur	**18.52%** 5	**22.22%** 6	**29.63%** 8	**18.52%** 5	**3.70%** 1	**7.41%** 2	27	2.64

Q59 Please rate the quality of the Electrical Engineering program in helping you:

Answered: 27 Skipped: 1

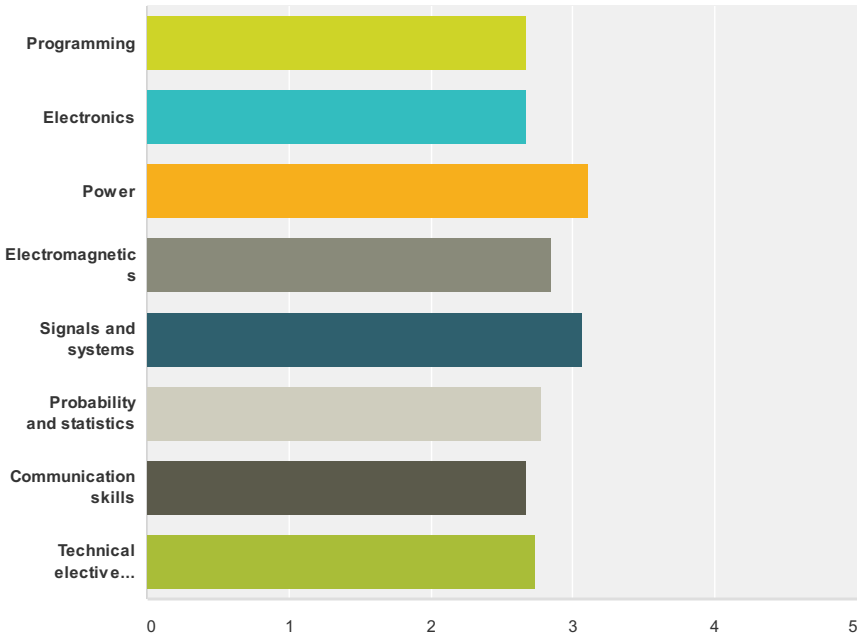


	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Learn the mathematical skills needed for electrical engineering careers	**62.96%** 17	**25.93%** 7	**11.11%** 3	**0.00%** 0	**0.00%** 0	**0.00%** 0	27	1.48
Learn the science skills needed for electrical engineering careers	**40.74%** 11	**40.74%** 11	**14.81%** 4	**0.00%** 0	**0.00%** 0	**3.70%** 1	27	1.73
Learn the computer science skills needed for electrical engineering careers	**48.15%** 13	**29.63%** 8	**18.52%** 5	**0.00%** 0	**3.70%** 1	**0.00%** 0	27	1.81
Learn to use probability and statistics concepts in electrical engineering	**37.04%** 10	**18.52%** 5	**18.52%** 5	**22.22%** 6	**3.70%** 1	**0.00%** 0	27	2.37
Learn software design principles	**25.93%** 7	**29.63%** 8	**22.22%** 6	**3.70%** 1	**3.70%** 1	**14.81%** 4	27	2.17
Work with others on team projects	**48.15%** 13	**29.63%** 8	**18.52%** 5	**3.70%** 1	**0.00%** 0	**0.00%** 0	27	1.78
Learn new material not taught in class by finding, evaluating and using outside resources	**48.15%** 13	**37.04%** 10	**3.70%** 1	**3.70%** 1	**7.41%** 2	**0.00%** 0	27	1.85
Learn the basics of electrical engineering ethics	**51.85%** 14	**25.93%** 7	**22.22%** 6	**0.00%** 0	**0.00%** 0	**0.00%** 0	27	1.70
Communicate in oral presentations	**37.04%** 10	**29.63%** 8	**22.22%** 6	**7.41%** 2	**3.70%** 1	**0.00%** 0	27	2.11

Communicate in writing	**34.62%** 9	**42.31%** 11	**15.38%** 4	**7.69%** 2	**0.00%** 0	**0.00%** 0	26	1.96
Learn the relationship of electrical engineering to solving societal problems	**33.33%** 9	**33.33%** 9	**18.52%** 5	**11.11%** 3	**3.70%** 1	**0.00%** 0	27	2.19
Learn the value of lifelong learning	**48.15%** 13	**40.74%** 11	**7.41%** 2	**0.00%** 0	**3.70%** 1	**0.00%** 0	27	1.70
Gain sound knowledge of contemporary issues	**30.77%** 8	**30.77%** 8	**26.92%** 7	**3.85%** 1	**7.69%** 2	**0.00%** 0	26	2.27
Design programs to meet specified needs	**44.44%** 12	**25.93%** 7	**18.52%** 5	**7.41%** 2	**0.00%** 0	**3.70%** 1	27	1.88

Q60 Please rate the emphasis given to the following areas in the Electrical Engineering program:

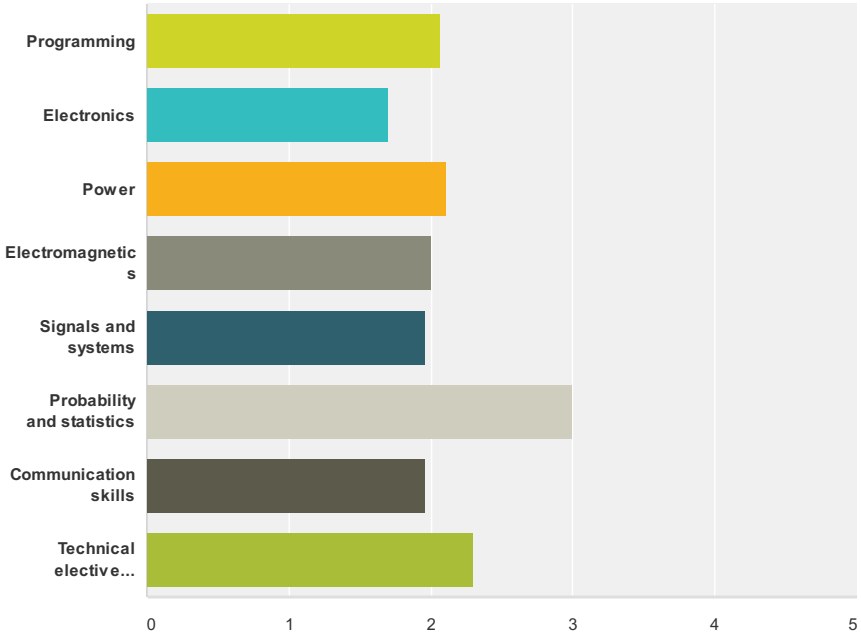
Answered: 27 Skipped: 1



	Too Little	(no label)	About Right	(no label)	Too Much	Total	Average Rating
Programming	**11.11%** 3	**25.93%** 7	**48.15%** 13	**14.81%** 4	**0.00%** 0	27	2.67
Electronics	**7.41%** 2	**25.93%** 7	**59.26%** 16	**7.41%** 2	**0.00%** 0	27	2.67
Power	**7.41%** 2	**7.41%** 2	**55.56%** 15	**25.93%** 7	**3.70%** 1	27	3.11
Electromagnetics	**7.69%** 2	**15.38%** 4	**65.38%** 17	**7.69%** 2	**3.85%** 1	26	2.85
Signals and systems	**7.41%** 2	**7.41%** 2	**66.67%** 18	**7.41%** 2	**11.11%** 3	27	3.07
Probability and statistics	**11.11%** 3	**11.11%** 3	**70.37%** 19	**3.70%** 1	**3.70%** 1	27	2.78
Communication skills	**14.81%** 4	**18.52%** 5	**51.85%** 14	**14.81%** 4	**0.00%** 0	27	2.67
Technical elective courses	**7.41%** 2	**37.04%** 10	**37.04%** 10	**11.11%** 3	**7.41%** 2	27	2.74

Q61 Please rate the importance of the following topics in the practice of Electrical Engineering:

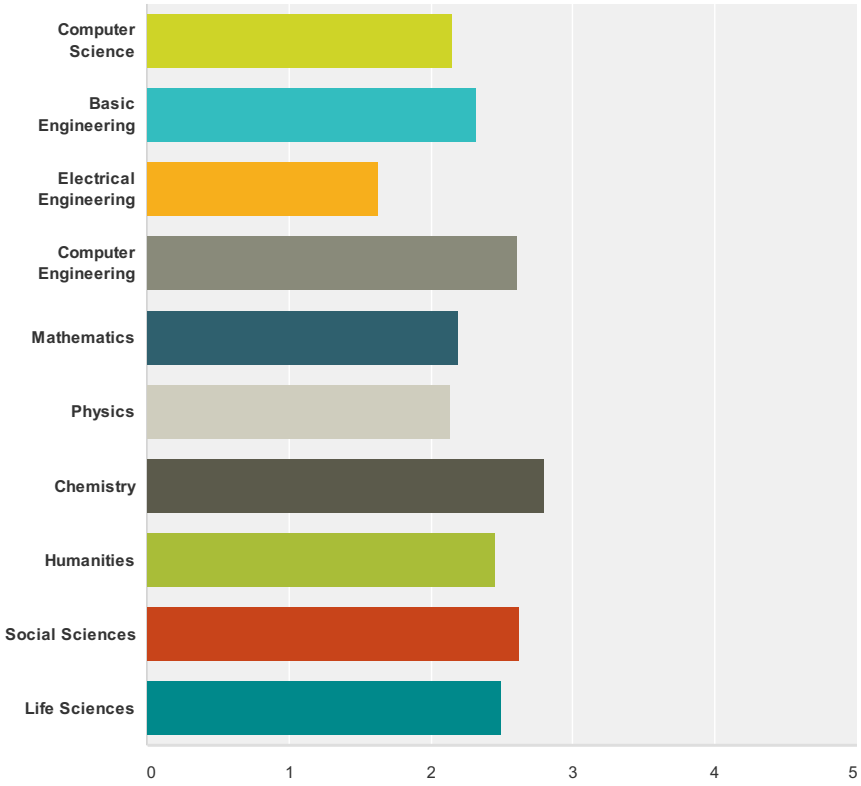
Answered: 27 Skipped: 1



	High	(no label)	Medium	(no label)	Low	Total	Average Rating
Programming	**33.33%** 9	**37.04%** 10	**22.22%** 6	**3.70%** 1	**3.70%** 1	27	2.07
Electronics	**51.85%** 14	**33.33%** 9	**11.11%** 3	**0.00%** 0	**3.70%** 1	27	1.70
Power	**40.74%** 11	**22.22%** 6	**25.93%** 7	**7.41%** 2	**3.70%** 1	27	2.11
Electromagnetics	**29.63%** 8	**44.44%** 12	**22.22%** 6	**3.70%** 1	**0.00%** 0	27	2.00
Signals and systems	**37.04%** 10	**37.04%** 10	**22.22%** 6	**0.00%** 0	**3.70%** 1	27	1.96
Probability and statistics	**11.11%** 3	**22.22%** 6	**33.33%** 9	**22.22%** 6	**11.11%** 3	27	3.00
Communication skills	**40.74%** 11	**37.04%** 10	**7.41%** 2	**14.81%** 4	**0.00%** 0	27	1.96
Technical elective courses	**29.63%** 8	**25.93%** 7	**33.33%** 9	**7.41%** 2	**3.70%** 1	27	2.30

Q62 Please rate the quality of instruction and support by faculty in the following areas:

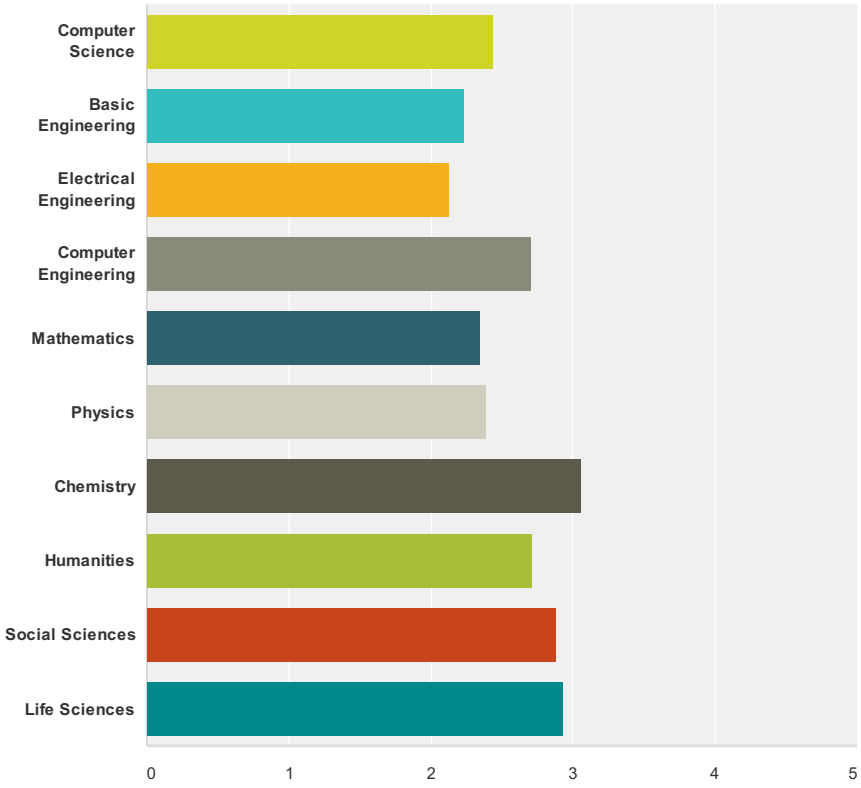
Answered: 27 Skipped: 1



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	40.74% 11	18.52% 5	29.63% 8	7.41% 2	3.70% 1	0.00% 0	27	2.15
Basic Engineering	22.22% 6	33.33% 9	22.22% 6	14.81% 4	0.00% 0	7.41% 2	27	2.32
Electrical Engineering	55.56% 15	33.33% 9	7.41% 2	0.00% 0	3.70% 1	0.00% 0	27	1.63
Computer Engineering	22.22% 6	14.81% 4	25.93% 7	18.52% 5	3.70% 1	14.81% 4	27	2.61
Mathematics	25.93% 7	37.04% 10	22.22% 6	11.11% 3	0.00% 0	3.70% 1	27	2.19
Physics	22.22% 6	33.33% 9	14.81% 4	3.70% 1	3.70% 1	22.22% 6	27	2.14
Chemistry	7.41% 2	29.63% 8	11.11% 3	22.22% 6	3.70% 1	25.93% 7	27	2.80
Humanities	22.22% 6	22.22% 6	14.81% 4	22.22% 6	0.00% 0	18.52% 5	27	2.45
Social Sciences	18.52% 5	18.52% 5	18.52% 5	18.52% 5	3.70% 1	22.22% 6	27	2.62
Life Sciences	18.52% 5	14.81% 4	14.81% 4	18.52% 5	0.00% 0	33.33% 9	27	2.50

Q63 Please rate the quality of the instruction and instructional support by teaching assistants during your Computer Engineering program.

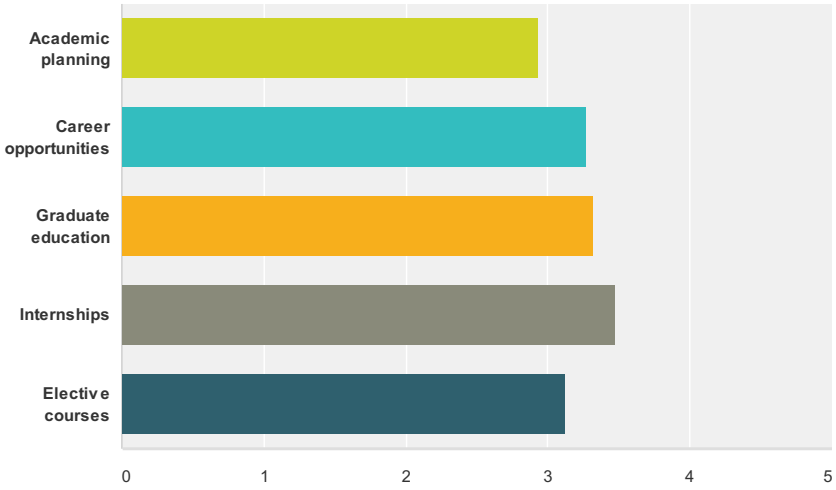
Answered: 27 Skipped: 1



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	**29.63%** 8	**18.52%** 5	**29.63%** 8	**3.70%** 1	**11.11%** 3	**7.41%** 2	27	2.44
Basic Engineering	**29.63%** 8	**11.11%** 3	**37.04%** 10	**0.00%** 0	**3.70%** 1	**18.52%** 5	27	2.23
Electrical Engineering	**34.62%** 9	**23.08%** 6	**26.92%** 7	**3.85%** 1	**3.85%** 1	**7.69%** 2	26	2.13
Computer Engineering	**19.23%** 5	**11.54%** 3	**30.77%** 8	**3.85%** 1	**11.54%** 3	**23.08%** 6	26	2.70
Mathematics	**26.92%** 7	**19.23%** 5	**19.23%** 5	**0.00%** 0	**11.54%** 3	**23.08%** 6	26	2.35
Physics	**22.22%** 6	**14.81%** 4	**18.52%** 5	**3.70%** 1	**7.41%** 2	**33.33%** 9	27	2.39
Chemistry	**14.81%** 4	**7.41%** 2	**14.81%** 4	**11.11%** 3	**14.81%** 4	**37.04%** 10	27	3.06
Humanities	**14.81%** 4	**14.81%** 4	**14.81%** 4	**11.11%** 3	**7.41%** 2	**37.04%** 10	27	2.71
Social Sciences	**11.11%** 3	**11.11%** 3	**18.52%** 5	**11.11%** 3	**7.41%** 2	**40.74%** 11	27	2.88
Life Sciences	**11.11%** 3	**7.41%** 2	**18.52%** 5	**11.11%** 3	**7.41%** 2	**44.44%** 12	27	2.93

Q64 Please rate the quality of advising you received as it relates to the following topics:

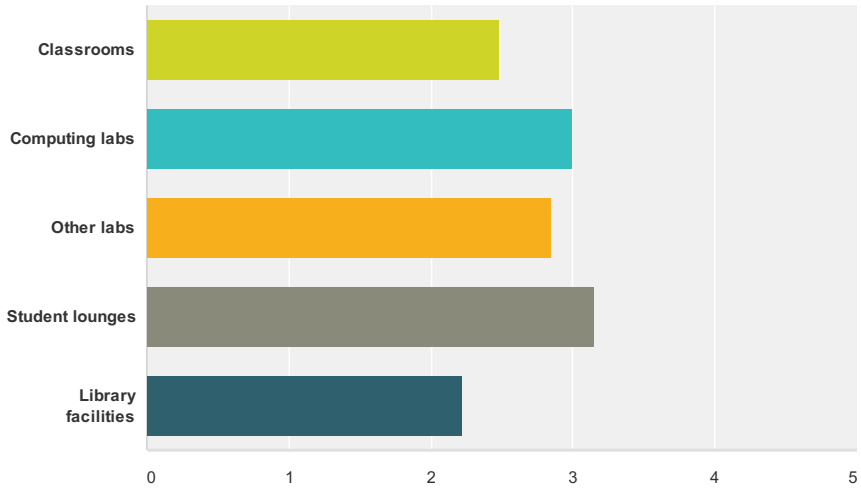
Answered: 27 Skipped: 1



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Academic planning	**29.63%** 8	**14.81%** 4	**11.11%** 3	**22.22%** 6	**22.22%** 6	**0.00%** 0	27	2.93
Career opportunities	**14.81%** 4	**11.11%** 3	**29.63%** 8	**14.81%** 4	**25.93%** 7	**3.70%** 1	27	3.27
Graduate education	**14.81%** 4	**7.41%** 2	**29.63%** 8	**14.81%** 4	**25.93%** 7	**7.41%** 2	27	3.32
Internships	**14.81%** 4	**7.41%** 2	**22.22%** 6	**25.93%** 7	**29.63%** 8	**0.00%** 0	27	3.48
Elective courses	**18.52%** 5	**18.52%** 5	**18.52%** 5	**14.81%** 4	**25.93%** 7	**3.70%** 1	27	3.12

Q65 Please rate the quality of instructional facilities:

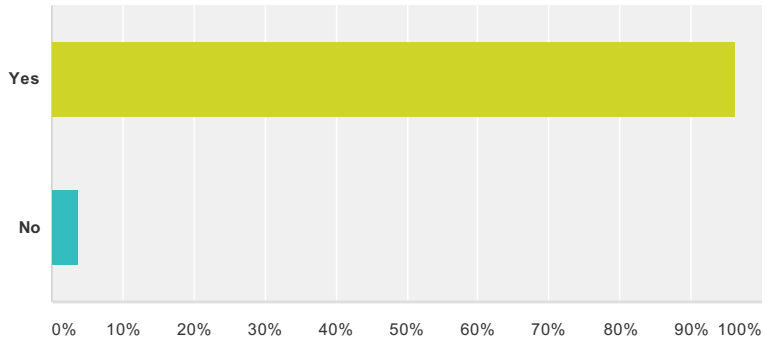
Answered: 27 Skipped: 1



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Classrooms	25.93% 7	33.33% 9	14.81% 4	18.52% 5	7.41% 2	0.00% 0	27	2.48
Computing labs	11.11% 3	22.22% 6	29.63% 8	29.63% 8	7.41% 2	0.00% 0	27	3.00
Other labs	15.38% 4	23.08% 6	30.77% 8	23.08% 6	7.69% 2	0.00% 0	26	2.85
Student lounges	11.11% 3	18.52% 5	29.63% 8	25.93% 7	14.81% 4	0.00% 0	27	3.15
Library facilities	25.93% 7	37.04% 10	29.63% 8	3.70% 1	3.70% 1	0.00% 0	27	2.22

Q66 Would you recommend EECS to a friend or a relative?

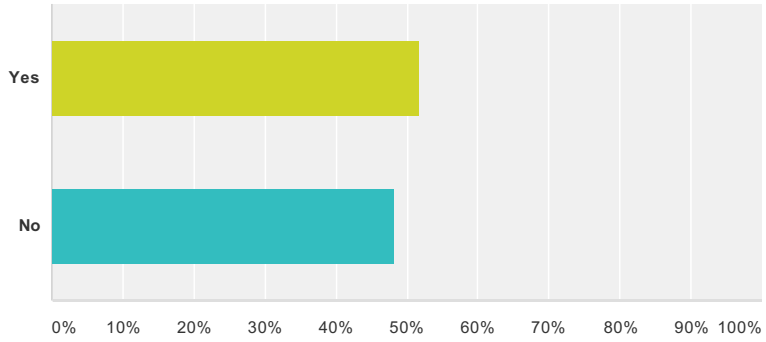
Answered: 27 Skipped: 1



Answer Choices	Responses	
Yes	**96.30%**	26
No	**3.70%**	1
Total		**27**

Q67 As an alum, are you willing to help with recruiting, fund raising, arranging alumni events or meetings?

Answered: 27 Skipped: 1



Answer Choices	Responses	
Yes	**51.85%**	14
No	**48.15%**	13
Total		**27**

Q68 What would you say are the strengths of the WSU Electrical Engineering program?

Answered: 27 Skipped: 1

#	Responses	Date
1	A good balance of theory and hands on experience (i.e. labs) Knowledgeable and helpful faculty and TAs A logical progression of prerequisites and course requirements Small class sizes for most 400 level courses.	2/26/2014 12:03 AM
2	every one works together as a team	1/22/2014 6:11 AM
3	Experienced Professors	1/21/2014 4:33 PM
4	faculty	12/22/2013 10:56 AM
5	aaa	12/17/2013 2:58 PM
6	sdf	12/17/2013 2:28 PM
7	Great instruction, right amount of homework/exams to retain information, right amount of information covered per course, good groupings of electives for different tracks.	12/13/2013 4:58 PM
8	Good teaching staff.	12/10/2013 3:56 PM
9	Emphasis on power and signals & systems. Also writing in the major.	12/9/2013 4:39 PM
10	The strengths are in learning engineering fundamentals and principles.	12/8/2013 10:42 PM
11	The professors know a lot about the topics and some are willing to help if you seek it.	12/5/2013 6:58 PM
12	Strong emphasis and knowledge in the Professors after your into your focus.	12/5/2013 6:51 PM
13	Once I got into the specified track I wanted, such as power, The professors were really passionate and was always great to go to class.	12/5/2013 6:02 PM
14	There are lot of places that do not get good education or expose people to environments that prepare people for the real world. The clubs at WSU are one of the most valuable things I think any engineering student can participate in. Granted, they do need to be occupied by people who are willing and have a drive. But, that goes into one of the strengths that WSU has had is that it has kept a good reputation of motivated students. There are also a great number of experienced faculty members that have been a great asset. The ones that have made a big difference have been the ones that are focused on teaching. Andy O'Fallon, Tim Hanshaw, Sandip Roy, Kirk Reinkens, Chen Cheing Liu, have been some of the most helpful and easy to work with and they deserve a lot of credit.	12/5/2013 5:31 AM
15	Excellent Faculty Well organized course materials Good lab experiences	12/5/2013 1:41 AM
16	I think the subject matter selection is mostly relevant material, especially in higher level courses.	12/4/2013 6:12 PM
17	Power	12/4/2013 4:25 PM
18	Great.	12/4/2013 2:19 PM
19	Program gives one great confidence with their technical knowledge and abilities surrounding electrical engineering.	12/4/2013 1:50 PM
20	Trying to keep up with what's going on in the industry	12/4/2013 1:49 PM
21	Good learning environment.	12/4/2013 1:23 PM
22	Very good I respect it	12/4/2013 11:51 AM
23	Great Faculty that are knowledgeable about industry and the forefront of the EE field. Plenty of hands on experience.	12/4/2013 11:42 AM
24	lots of teaching of fundamental knowledge	12/4/2013 11:35 AM
25	Strong emphasis on theory prepares the student well for grad school.	12/4/2013 11:16 AM
26	dont know	8/16/2013 11:06 AM
27	Power engineering education, though may not be as relevant as some students think	8/5/2013 12:25 PM

Q69 What would you say are the weaknesses of the WSU Electrical Engineering program?

Answered: 27 Skipped: 1

#	Responses	Date
1	Not quite enough exposure to applications used in industry, even if only mentioned in passing. –While industry applications were often mentioned when directly relevant it has happened a couple of times in the course of searching for jobs that I've found a job requiring experience with a particular application used in industry that I was unfamiliar with, only to find in researching it further that I had learned most of the underlying theory (or at least similar concepts) such that I could quickly gain a basic understanding without too much trouble (one example is programmable logic controllers and ladder logic used to control factory machinery).	2/26/2014 12:03 AM
2	do not have enough time to finish the senior design.	1/22/2014 6:11 AM
3	Laboratory	1/21/2014 4:33 PM
4	Labs	12/22/2013 10:56 AM
5	aa	12/17/2013 2:58 PM
6	sdf	12/17/2013 2:28 PM
7	Difficult to focus on all courses if taking them full time (4-5 per semester), poor instruction in senior design courses,	12/13/2013 4:58 PM
8	Poor facilities.	12/10/2013 3:56 PM
9	The Electrical Engineering program is missing a Electrical CAD class, in circuits or power. Gaining experience in AUTO CAD would be very beneficial.	12/9/2013 4:39 PM
10	The FE exam is not properly stressed for students with a Power focus.	12/8/2013 10:42 PM
11	Professors fail to relate what is being taught in class to real life and within the industry. There is too much theory and a lot of what is being taught in class is so far behind the industry and much of it is irrelevant that most of what we are learning is done by computers or programs. Advising is very weak as there is no one on one advising anymore, it is all group advising, leaving me to believe that my adviser gives very little concern about my future. Also many assignments were more matlab based, thus really learning more about matlab than the actual topic.	12/5/2013 6:58 PM
12	Improper advising, no one-on-one and lack of knowledge in ANY of the classes or SUBJECT. Lots of theory, need more industry standards.	12/5/2013 6:51 PM
13	Not much, just the resources that are given to us. For EE 416, our senior design labs were not the best. The computers did not even have access to internet.	12/5/2013 6:02 PM
14	The biggest, and absolute biggest problem I have had with the curriculum, is that I have not been prepared enough. Or put simply, do not feel as if I have received my monies worth for the education I got. There is so much theoretical analysis and busy work, that I have had very little time to figure out how it is applied. Part of the biggest reasons why I struggled so much in my first couple years, was from not being exposed to any form of engineering. Sure, I had ENGR 120 my first semester, but it was with Carl Wells who didn't really seem to care. I had no motivation to do school because I had absolutely no idea what I was doing. I had no sense of it for the first two years. If I would have known this would have been a problem, then I would have saved money and gone to a community college ten minutes away from where I lived, and gotten the bullshit classes taken care of first. I may seem sour about it, and I am. I was kicked out for a year. I had no idea where I was going, what was in the future for me. I felt like I worked my ass off and did not reap the labors of my fruits. If students are going to be engineers, then they do not need to be mixed with everyone else during orientation where they talk about football and basketball games. If engineering students want to be great engineers, then they will not have the time for it. It is an honest truth.	12/5/2013 5:31 AM
15	Senior design projects for the EECS are more focused on power field.	12/5/2013 1:41 AM
16	0 hands on time with test equipment, very few labs of importance in any high level courses.	12/4/2013 6:12 PM
17	Signals and systems	12/4/2013 4:25 PM
18	We could use more course knowledge. Even though most of companies hire electrical engineers for firmware developing, we do not have enough course knowledge to apply for that section.	12/4/2013 2:19 PM
19	Needs focus a lot more on the importance of communication skills in academia and industry.	12/4/2013 1:50 PM
20	Graduate students teaching classes	12/4/2013 1:49 PM
21	Not enough microelectronics professors. Too much emphasis on unrelated classes.	12/4/2013 1:23 PM
22	senior design lack of choice of areas (mine EE415 projects had 6 power-related projects out of 7, the last one is programming, how could I do programming for senior design as an EE major? so I chose one of the power one WSU EE program is too focusing on the power track, and it pays less attention on other tracks from my personal view. Because of power track is so good but the others are just fair	12/4/2013 11:51 AM
23	To much emphasis on Power, less support for Microelectronics	12/4/2013 11:42 AM
24	lack of teaching of practical skills	12/4/2013 11:35 AM
25	EE majors don't use programming in their upper division courses as consistently as they should so they lose much of the programming knowledge they gained in the early courses. The programming instructors should also consider the fact the EEs don't practice programming as CEs.	12/4/2013 11:16 AM
26	control system	8/16/2013 11:06 AM
27	pursuing a 'track' is like choosing a major all over again.	8/5/2013 12:25 PM

Q70 What suggestions do you have for improving the WSU Electrical Engineering program?

Answered: 27 Skipped: 1

#	Responses	Date
1	More exposure to applications used in industry. This could perhaps come in the form of brief optional homework assignments, as most classes have very little extra room to add more material without diluting the rest of the course or overloading students. Main idea: It would be nice to know a bit more about where the skills we learn can be applied from the faculty teaching them, not necessarily just from our faculty mentors, or some more ideas for continued study outside of class. (Such things were mentioned, but I think more would be better) I feel this becomes even more important in upper level classes.	2/26/2014 12:03 AM
2	None	1/22/2014 6:11 AM
3	improve laboratory facilities	1/21/2014 4:33 PM
4	upgrade lab room	12/22/2013 10:56 AM
5	a	12/17/2013 2:58 PM
6	sdf	12/17/2013 2:28 PM
7	Inform students (through talks or job shadows/internships) about what classes/types of jobs are available for electrical engineers, gear electives towards chosen career path.	12/13/2013 4:58 PM
8	Get newer equipment in the labs.	12/10/2013 3:56 PM
9	I would "highly" recommend replacing cpts 122 for a MATLAB course. There is a lot of MATLAB and having a class for that would be more beneficial than data structures.	12/9/2013 4:39 PM
10	Stressing the FE exam for Power engineers should be more common.	12/8/2013 10:42 PM
11	Do not assign anything during dead week. Belzer assigned a take home final 12/3 and to be due friday of finals. Along with that, there are two labs due in his class 12/6, and his in class midterm monday morning. Leaving very little time to study for other courses. Also Dr. Delgado wanted our senior design group to include a member who was not participating all semester in our group on 12/4, one day before the poster session. His email said that he would be getting a lower grade then us, but that means he is passing the student when he did not do any work and does not deserve any credit. Many professors assign too much work for dead week, leaving very little time to study for final exams, which are generally weighted 30% of the overall grade. There is no such thing as dead week in EECS the past 4.5 years I have been here.	12/5/2013 6:58 PM
12	GET A NEW ADVISOR. NO ADVICE, and little concern	12/5/2013 6:51 PM
13	Obtain more passionate professors not only for the specified tracks, but for the general EE classes. Such as EE 361	12/5/2013 6:02 PM
14	My suggestions: -Get students involved in classes that expose them to a lot of information in the very beginning. Even if the students are not prepared, A LEARNING CURVE IS OKAY! -Find a way to remove some WSU classes. We are engineers. Lets be real. We do not care about some war 5,000 years ago. If we want to know it, we will research it. -Make an importance in clubs. Advisor should mention the clubs, students should not have to ask about it. -Implement topics that have a purpose. If it does, show what that purpose is, it makes life incredibly easy. -let people know that there are alternative testing locations from the beginning. Not one semester before they graduate, after they have struggled for 3 more years retaking classes because they cannot do well on tests. -get more scholarships. School is expensive. Stupidly expensive.	12/5/2013 5:31 AM
15	Include variety of senior design projects so students in other tracks in EECS will have a great oppertunities	12/5/2013 1:41 AM
16	The computer labs offered to EE/CE/ME are deplorable. WSU seems very impressived with their "remote client windows PC's" in the 353 lab but they are so awful that any work which needed to be done in the lab took 3 times as long as it would have on even a decent laptop. terrible mice on a reflective surface, I'd say on average 1 in 3 PC's is functioning on any given day... the list goes on. Oh yeah, the lack of support for POP on student email addresses so that I have to use a horrible antiquated online only mail client and can't just have my messages forwarded to my smart phone.	12/4/2013 6:12 PM
17	More about hardware interfacing and construction	12/4/2013 4:25 PM
18	Electrical engineers should have more firmware courses.	12/4/2013 2:19 PM
19	YOU MUST update and modernize the IEEE lounge or move it. This would definitely help in recruiting students to the program.	12/4/2013 1:50 PM
20	Professors need to know what is going in the industry to prepare students for the industry	12/4/2013 1:49 PM
21	Get better teachers. Let students take more major related courses.	12/4/2013 1:23 PM
22	1) to be honest, the EE program should give students more studying pressure even if they already have it enough 2) please pay more attention on other tracks (some of the 400 non-power track classes are even offered every semester 3) give juniors and seniors more research opportunities with professor (only the top-notch students can get the chance), but I don;t think this is not gonna happen 4) recruit more international students, to make this place more competitive 5) more internship opportunity	12/4/2013 11:51 AM
23	Needs more electives at the undergraduate level.	12/4/2013 11:42 AM
24	Give more practical skills courses such as learning Cadence, layout, PCB eagle design tool, etc	12/4/2013 11:35 AM
25	Please make sure that all majors and tracks are covered in senior design projects and internship opportunities.	12/4/2013 11:16 AM
26	helping career and internship	8/16/2013 11:06 AM
27	ease requirements for electrical engineering focuses to allow more rounded curriculum between systems, micro electronics, and power	8/5/2013 12:25 PM

Q71 Please rate the quality of the Computer Engineering degree in helping to prepare you:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
To be an engineer	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
For a career in industry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To pursue graduate studies	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To contribute to society as a professional	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To become an entrepreneur	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q72 Please rate the quality of the Computer Engineering program in helping you:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Learn the mathematical skills needed for computer engineering careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the science skills needed for computer engineering careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the computer science skills needed for computer engineering careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn to use probability and statistics concepts in computer engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn software design principles	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Work with others on team projects	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn new material not taught in class by finding, evaluating and using outside resources	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the basics of computer engineering ethics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in oral presentations	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in writing	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the relationship of computer engineering to solving societal problems	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the value of lifelong learning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Gain sound knowledge of contemporary issues	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Design programs to meet specified needs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q73 Please rate the quality of instruction and support by faculty in the following areas:

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q74 Please rate the quality of the instruction and instructional support by teaching assistants during your Computer Engineering program.

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q75 Please rate the quality of advising during your Computer Engineering program as it relates to each of the following areas.

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Academic planning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Career opportunities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Graduate education	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Internships	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Technical electives	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q76 Please rate the quality of instructional facilities during your Computer Engineering program.

Answered: 0 Skipped: 28

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Classrooms	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computing labs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Circuit laboratories	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer engineering laboratories	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Student lounges	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Library facilities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q77 Please rate the emphasis given to the following basic engineering fields in the Computer Engineering curriculum.

Answered: 0 Skipped: 28

! No matching responses.

	Too little	(no label)	About right	(no label)	Too much	N/A	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering fundamentals	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Probability and statistics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q78 Please rate the importance of the following basic engineering topics in the study of Computer Engineering.

Answered: 0 Skipped: 28

! No matching responses.

	Very important	(no label)	Moderately important	(no label)	Not important at all	N/A	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering fundamentals	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q79 Please comment on the strengths of the Computer Engineering program at WSU.

Answered: 0 Skipped: 28

#	Responses	Date
	There are no responses.	

Q80 Please comment on the weaknesses of the Computer Engineering program at WSU.

Answered: 0 Skipped: 28

#	Responses	Date
	There are no responses.	

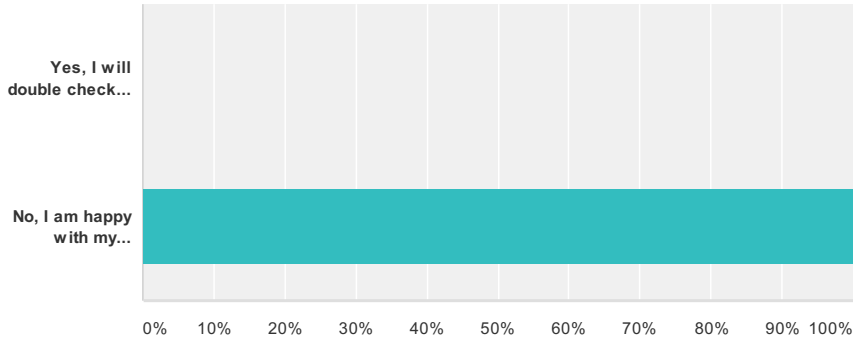
Q81 Please provide on any suggestions for improving the Computer Engineering program at WSU.

Answered: 0 Skipped: 28

#	Responses	Date
	There are no responses.	

Q82 We encourage you to review your answers. Accurate information is the best way to continually improve programs in EECS. Would you like to review your answers?

Answered: 4 Skipped: 24



Answer Choices	Responses	
Yes, I will double check my answers	0.00%	0
No, I am happy with my selections.	100.00%	4
Total		4

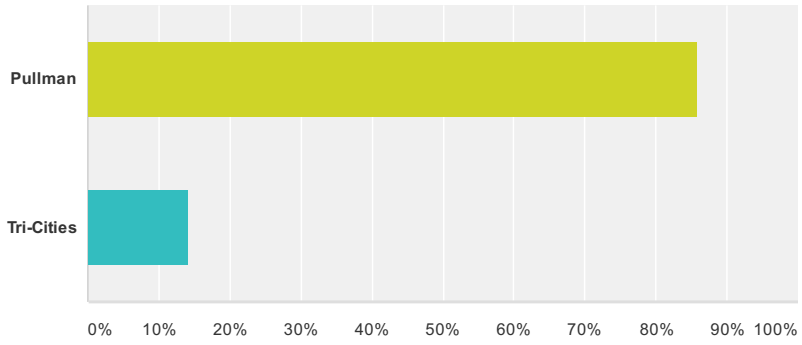
Appendix B:

Summary Survey Responses

Fall, 2013

Q2 From which WSU campus are you earning your degree?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Pullman	**85.71%**	6
Tri-Cities	**14.29%**	1
Total		**7**

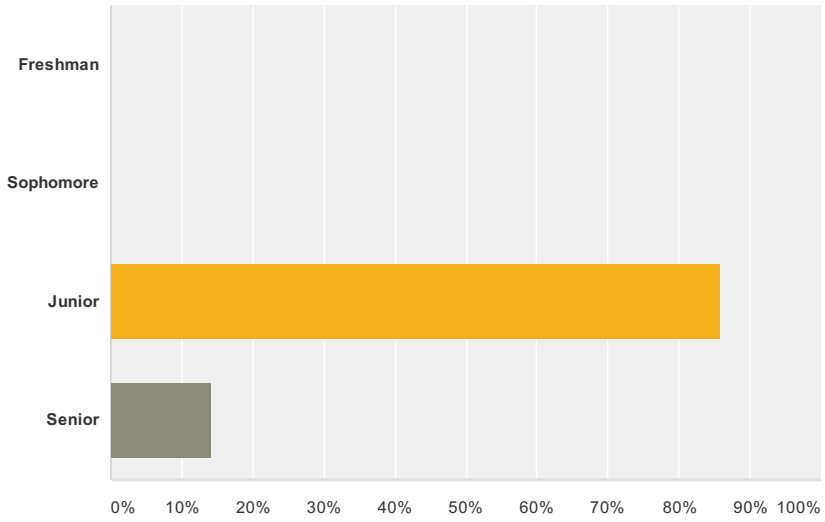
Q3 How long did it take you to complete your degree?

Answered: 7 Skipped: 0

#	Responses	Date
1	4 years	3/7/2014 11:40 AM
2	Four years at WSU. Includes a little over a year's worth of transfer credit.	2/28/2014 10:58 AM
3	6	2/24/2014 3:05 PM
4	4.5 years	1/29/2014 5:03 PM
5	4.5 years	1/29/2014 2:15 PM
6	5 years	1/22/2014 12:35 PM
7	3	1/21/2014 6:12 PM

Q4 Which year of study was the most difficult for you?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Freshman	**0.00%**	0
Sophomore	**0.00%**	0
Junior	**85.71%**	6
Senior	**14.29%**	1
Total		**7**

Q5 Which class was the hardest class for you?

Answered: 7 Skipped: 0

#	Responses	Date
1	cpts	3/7/2014 11:40 AM
2	Digital Signal Processing	2/28/2014 10:58 AM
3	333	2/24/2014 3:05 PM
4	english 403	1/29/2014 5:03 PM
5	English 403	1/29/2014 2:15 PM
6	Pretty much any class dealing with digital and analog communications.	1/22/2014 12:35 PM
7	GenD 111	1/21/2014 6:12 PM

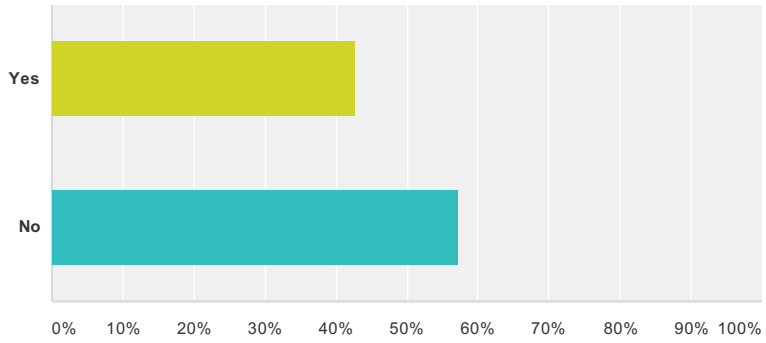
Q6 What was the most valuable class you took?

Answered: 7 Skipped: 0

#	Responses	Date
1	ee 493	3/7/2014 11:40 AM
2	Hard to narrow down. Probably one of the core upper level classes, like EE 321 or 331.	2/28/2014 10:58 AM
3	333	2/24/2014 3:05 PM
4	ee 431	1/29/2014 5:03 PM
5	EE431	1/29/2014 2:15 PM
6	Cpts 460? embedded systems	1/22/2014 12:35 PM
7	EE 415/416	1/21/2014 6:12 PM

Q7 Did you earn any minors at WSU?

Answered: 7 Skipped: 0

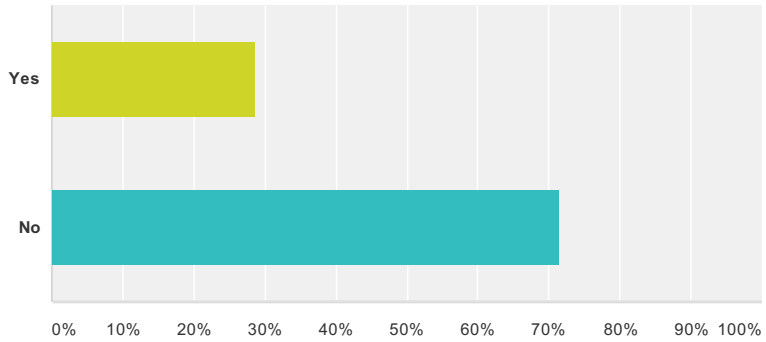


Answer Choices	Responses	
Yes	**42.86%**	3
No	**57.14%**	4
Total		**7**

#	If Yes, which minor?	Date
1	Mathematics	2/28/2014 10:58 AM
2	Math, and Mandarin Chinese	1/22/2014 12:35 PM
3	math	1/21/2014 6:12 PM

Q8 Did you receive any scholarships from EECS or WSU?

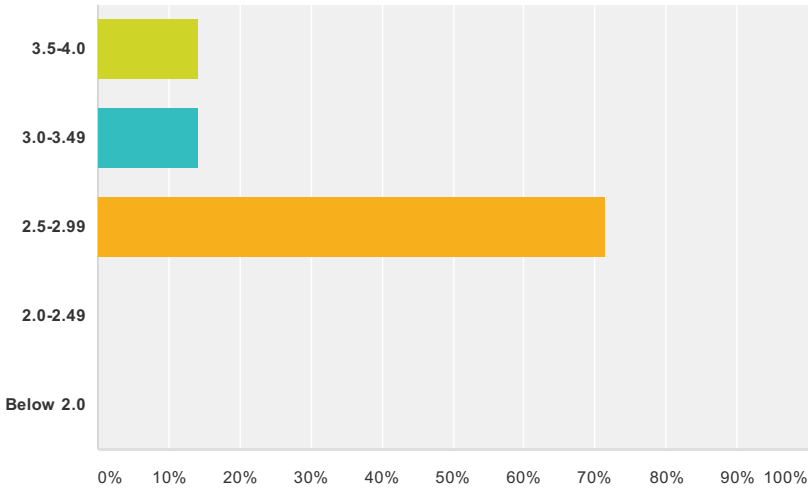
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	28.57%	2
No	71.43%	5
Total		7

Q9 What is your current WSU GPA?

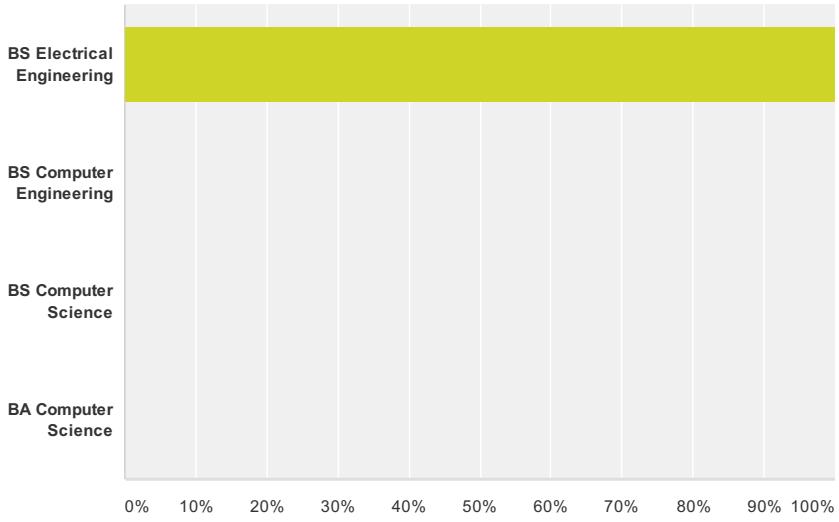
Answered: 7 Skipped: 0



Answer Choices	Responses	
3.5-4.0	**14.29%**	1
3.0-3.49	**14.29%**	1
2.5-2.99	**71.43%**	5
2.0-2.49	**0.00%**	0
Below 2.0	**0.00%**	0
Total		**7**

Q10 Select your academic major

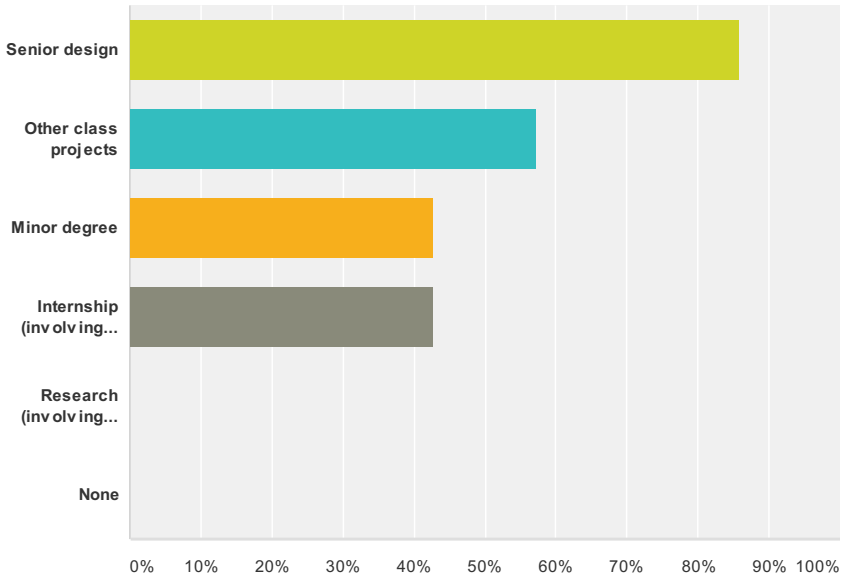
Answered: 7 Skipped: 0



Answer Choices	Responses	
BS Electrical Engineering	**100.00%**	7
BS Computer Engineering	**0.00%**	0
BS Computer Science	**0.00%**	0
BA Computer Science	**0.00%**	0
Total Respondents: 7		

Q11 Interdisciplinary activities are those that require you to perform work outside your major discipline or require you to work with others from another discipline. Please check any interdisciplinary activities in which you have been involved. [check all that apply]

Answered: 7 Skipped: 0

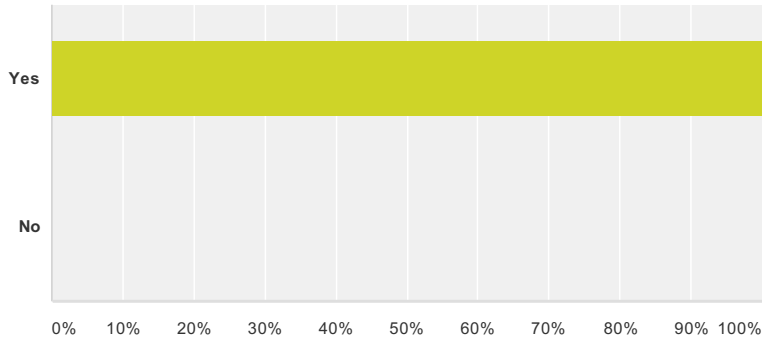


Answer Choices	Responses	
Senior design	**85.71%**	6
Other class projects	**57.14%**	4
Minor degree	**42.86%**	3
Internship (involving another disciplines)	**42.86%**	3
Research (involving another disciplines)	**0.00%**	0
None	**0.00%**	0
Total Respondents: 7		

#	Other (please specify)	Date
1	cccc	2/24/2014 3:18 PM

Q12 EECS defines an internship as a job experience in which you worked in your field of study for an employer or mentor who is a professional in the same field or a closely related field. Did you seek and/or apply for internships?

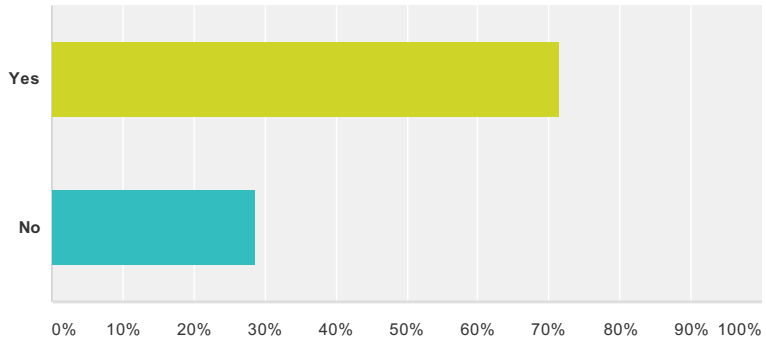
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**100.00%**	7
No	**0.00%**	0
Total		**7**

Q13 Did you participate in an internship during your time at WSU?

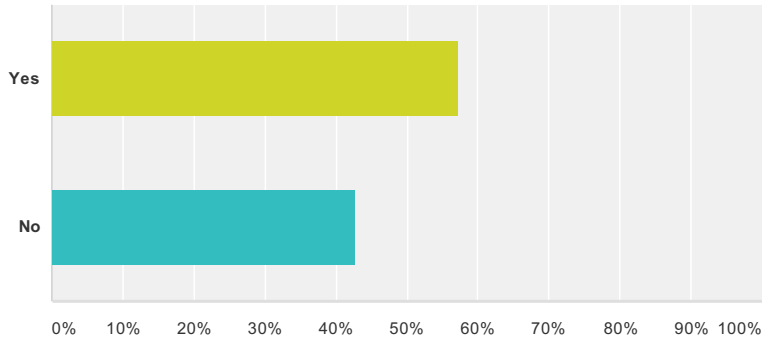
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**71.43%**	5
No	**28.57%**	2
Total		**7**

Q14 Were you paid for your internship?

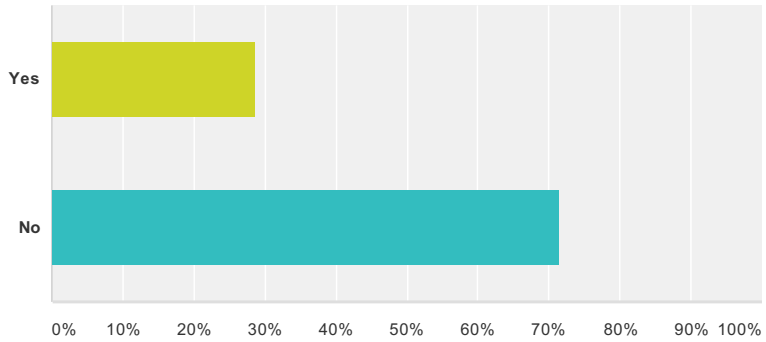
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**57.14%**	4
No	**42.86%**	3
Total		**7**

Q15 Did you earn credit for your internship?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	28.57%	2
No	71.43%	5
Total		7

Q16 Please provide the name(s) of the company(s) where you did your internship(s).

Answered: 7 Skipped: 0

#	Responses	Date
1	SEL	3/7/2014 11:52 AM
2	Not Applicable	2/28/2014 12:14 PM
3	ddd	2/24/2014 3:19 PM
4	Medisoft	1/29/2014 5:06 PM
5	Medisoft	1/29/2014 2:19 PM
6	American LED and Energy	1/22/2014 12:52 PM
7	n/a	1/21/2014 6:31 PM

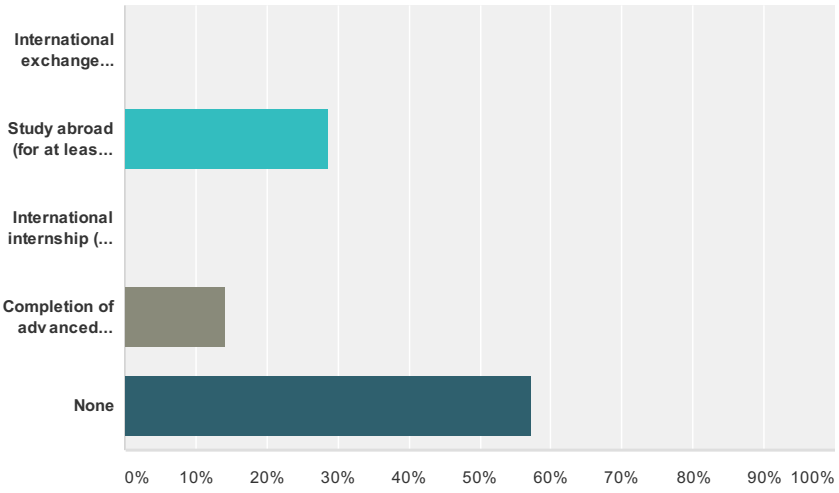
Q17 How did you get the internship(s) (e.g., career fair, faculty recommendation, applied online, etc.)?

Answered: 7 Skipped: 0

#	Responses	Date
1	Career fair	3/7/2014 11:52 AM
2	N.A.	2/28/2014 12:14 PM
3	ddd	2/24/2014 3:19 PM
4	online	1/29/2014 5:06 PM
5	online	1/29/2014 2:19 PM
6	Kamehameha Schools Scholarly program	1/22/2014 12:52 PM
7	n/a	1/21/2014 6:31 PM

Q18 International experiences are activities that help develop competencies for living or working in another country. Please check any international experiences you have had during your undergraduate studies. [check all that apply]

Answered: 7 Skipped: 0



Answer Choices	Responses	
International exchange program (for at least one semester)	**0.00%**	0
Study abroad (for at least one semester)	**28.57%**	2
International internship (for at least one semester)	**0.00%**	0
Completion of advanced foreign language course (300-level or higher)	**14.29%**	1
None	**57.14%**	4
Total Respondents: 7		

#	Other (please specify)	Date
	There are no responses.	

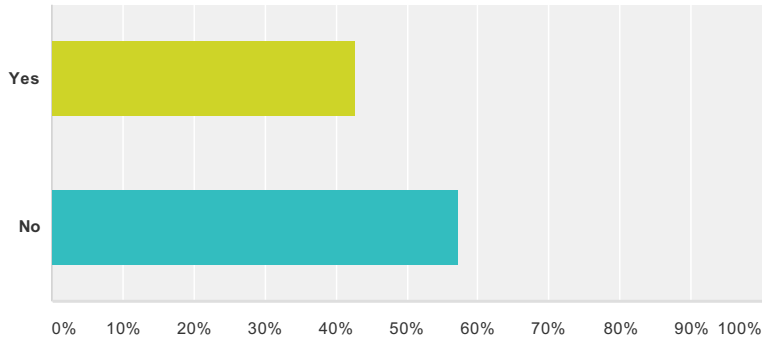
Q19 Please describe your study abroad experience. Include where you studied, how long you were there, and if you earned credits toward your degree.

Answered: 7 Skipped: 0

#	Responses	Date
1	was an excellent	3/7/2014 11:54 AM
2	N.A.	2/28/2014 12:14 PM
3	ccc	2/24/2014 3:21 PM
4	NA	1/29/2014 5:06 PM
5	NA	1/29/2014 2:20 PM
6	N/A	1/22/2014 12:53 PM
7	I'm a international student. I study in US for 5 years	1/21/2014 6:36 PM

Q20 Undergraduate research is defined as formal research done under the guidance of a faculty member or professional in your field outside of the work done in your required classes and electives. Did you do undergraduate research?

Answered: 7 Skipped: 0

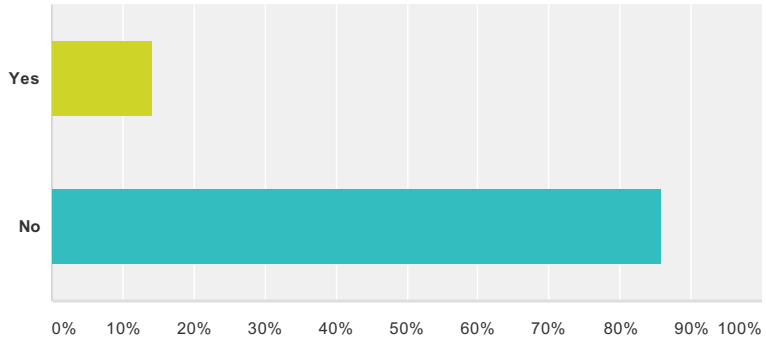


Answer Choices	Responses	
Yes	42.86%	3
No	57.14%	4
Total		7

#	If yes, please describe your research experience.	Date
1	PMU	1/29/2014 5:06 PM
2	PMU	1/29/2014 2:21 PM

Q21 Did you particiate in the National Science Foundation's Research Experience for Undergraduates (REU) program?

Answered: 7 Skipped: 0

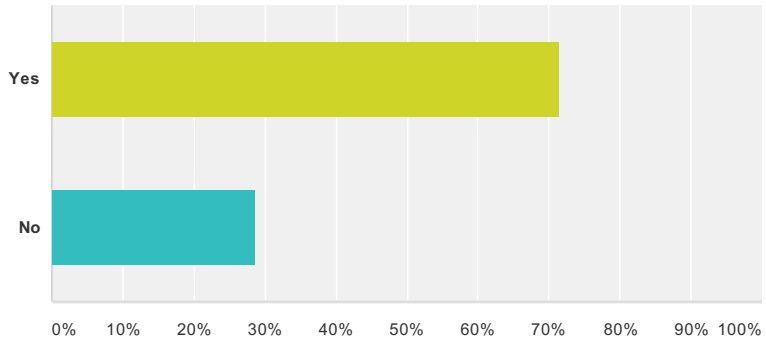


Answer Choices	Responses	
Yes	14.29%	1
No	85.71%	6
Total Respondents: 7		

#	If yes, where?	Date
	There are no responses.	

Q22 Are you a member of a professional society (e.g., IEEE, ACM, etc)?

Answered: 7 Skipped: 0

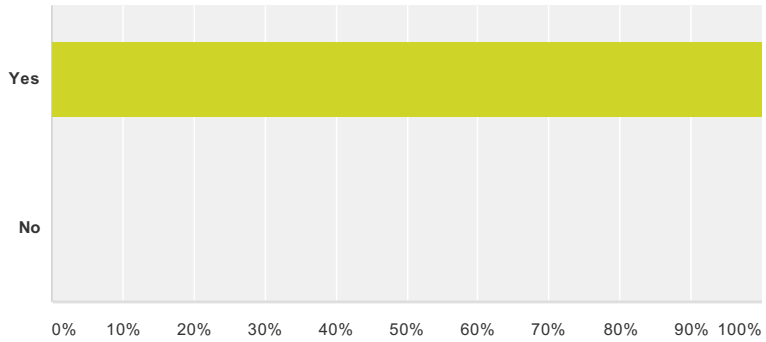


Answer Choices	Responses	
Yes	**71.43%**	5
No	**28.57%**	2
Total		**7**

#	Which ones?	Date
1	IEEE	1/29/2014 5:06 PM
2	IEEE	1/29/2014 2:21 PM
3	IEEE, AUVSI	1/22/2014 12:53 PM
4	IEEE	1/21/2014 6:36 PM

Q23 Have you sought and applied for employment to begin after graduation?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**100.00%**	7
No	**0.00%**	0
Total		**7**

Q24 For what reason(s) did you not seek employment? [check all that apply]

Answered: 0 Skipped: 7

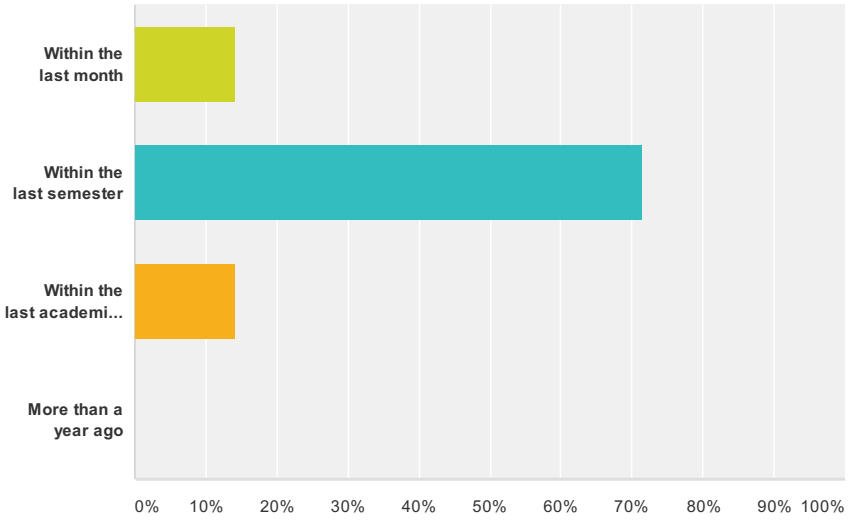
! No matching responses.

Answer Choices	Responses	
Plan to attend graduate school	0.00%	0
Plan to complete another undergraduate degree	0.00%	0
Plan to pursue an entrepreneurial/self-employment endeavor	0.00%	0
Family commitments prevent job search	0.00%	0
Intentionally postponed search with intention to begin search in near future	0.00%	0
Total Respondents: 0		

#	Other (please specify)	Date
	There are no responses.	

Q25 When did you start looking for a job?

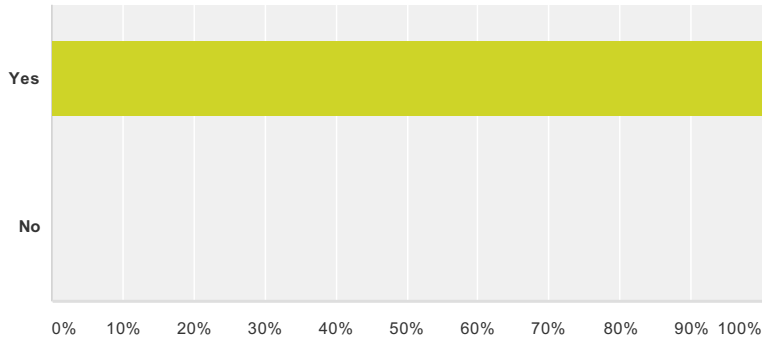
Answered: 7 Skipped: 0



Answer Choices	Responses	
Within the last month	**14.29%**	1
Within the last semester	**71.43%**	5
Within the last academic year	**14.29%**	1
More than a year ago	**0.00%**	0
Total		**7**

Q26 Did you participate in career fairs?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**100.00%**	7
No	**0.00%**	0
Total		**7**

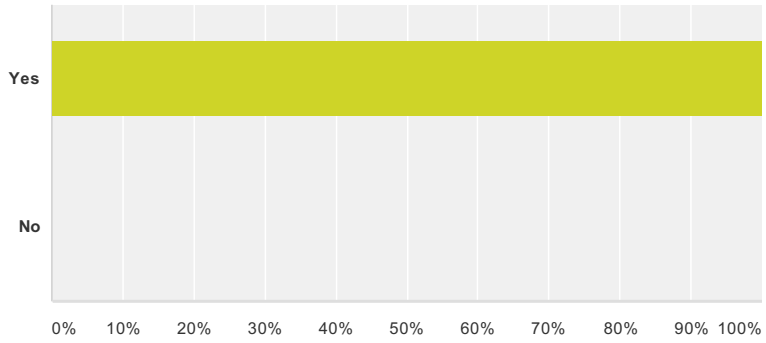
Q27 How many companies/organizations did you contact about employment?

Answered: 7 Skipped: 0

#	Responses	Date
1	40	3/7/2014 11:58 AM
2	About 5 in at each relevant career fair in the last two years	2/28/2014 12:15 PM
3	mmm	2/24/2014 3:24 PM
4	5	1/29/2014 5:07 PM
5	5	1/29/2014 2:21 PM
6	50+ different companies around the country	1/22/2014 12:54 PM
7	3	1/21/2014 6:36 PM

Q28 Did you get any interviews?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**100.00%**	7
No	**0.00%**	0
Total		**7**

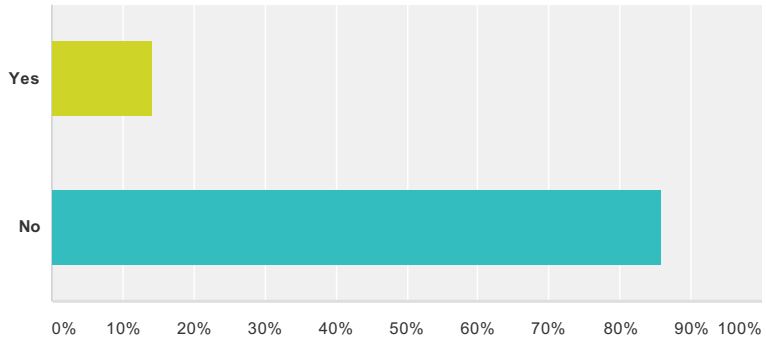
Q29 List the companies/organizations with which you interviewed.

Answered: 7 Skipped: 0

#	Responses	Date
1	Eaton, sel, Tacoma Power and BPA	3/7/2014 11:59 AM
2	Boeing	2/28/2014 12:15 PM
3	dd	2/24/2014 3:26 PM
4	verizon	1/29/2014 5:07 PM
5	Verizon	1/29/2014 2:22 PM
6	City and County of Honolulu, Sunetric Solar	1/22/2014 12:54 PM
7	SEL, FLUKE	1/21/2014 6:37 PM

Q30 Did you receive any job offers?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**14.29%**	1
No	**85.71%**	6
Total		**7**

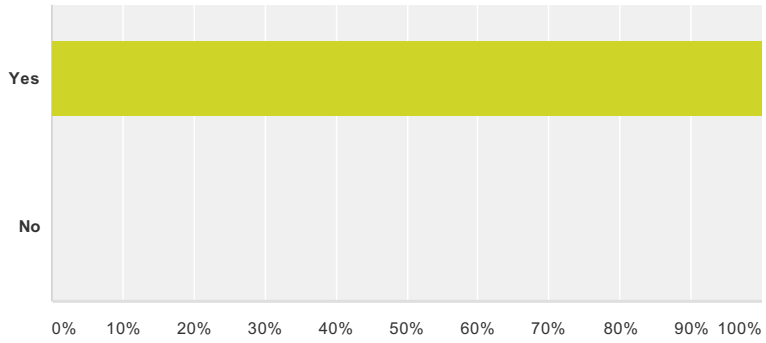
Q31 List the companies/organizations that offered you a job.

Answered: 1 Skipped: 6

#	Responses	Date
1	xx	2/24/2014 3:30 PM

Q32 Did you accept a job offer?

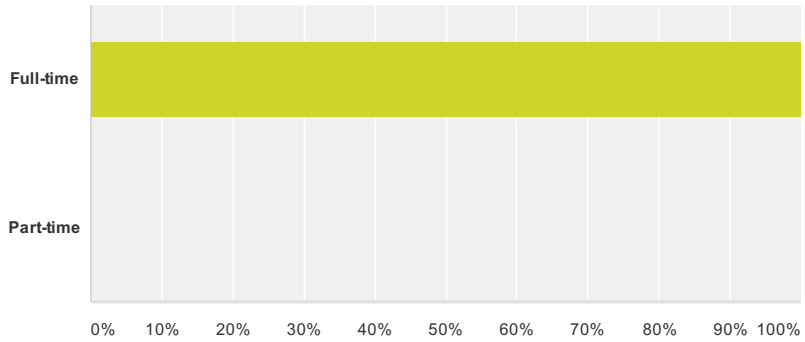
Answered: 1 Skipped: 6



Answer Choices	Responses	
Yes	**100.00%**	1
No	**0.00%**	0
Total		**1**

Q33 Is the position you were offered full or part-time?

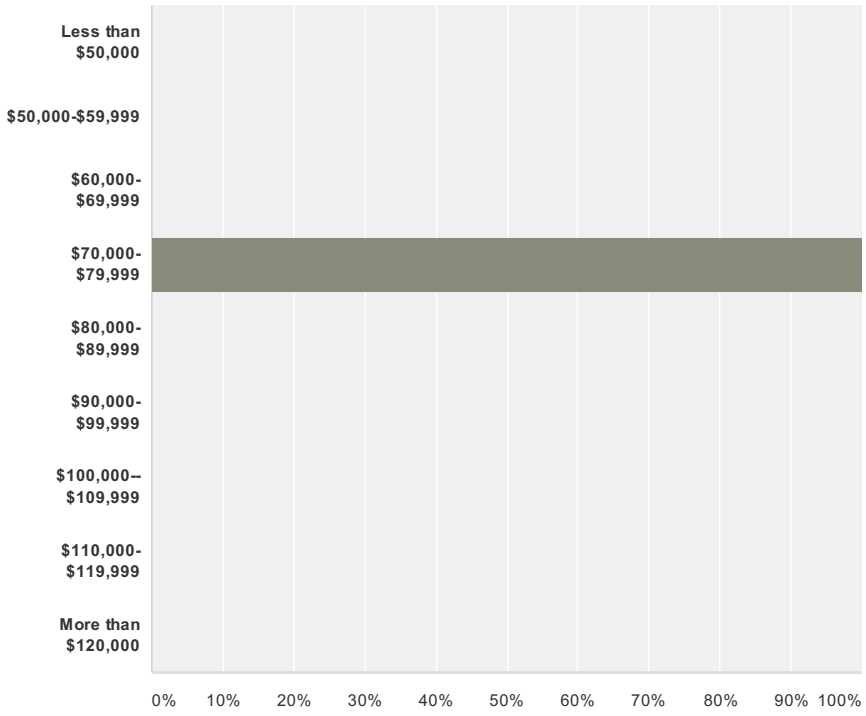
Answered: 1 Skipped: 6



Answer Choices	Responses	
Full-time	**100.00%**	1
Part-time	**0.00%**	0
Total		**1**

Q34 Please indicate the starting salary range for the position you were offered.

Answered: 1 Skipped: 6



Answer Choices	Responses	
Less than $50,000	0.00%	0
$50,000-$59,999	0.00%	0
$60,000- $69,999	0.00%	0
$70,000- $79,999	100.00%	1
$80,000- $89,999	0.00%	0
$90,000- $99,999	0.00%	0
$100,000-- $109,999	0.00%	0
$110,000- $119,999	0.00%	0
More than $120,000	0.00%	0
Total		1

#	Less than 50K or more than 120K please explain	Date
	There are no responses.	

Q35 Other than salary, did you receive any additional compensation (company car, shares in the company, signing bonus...)? Please explain.

Answered: 1 Skipped: 6

#	Responses	Date
1	hhhh	2/24/2014 3:30 PM

Q36 If you did not accept the job offer(s), please explain why.

Answered: 0 Skipped: 7

#	Responses	Date
	There are no responses.	

Q37 Which company's/organization's offer did you accept?

Answered: 1 Skipped: 6

#	Responses	Date
1	xx	2/24/2014 3:32 PM

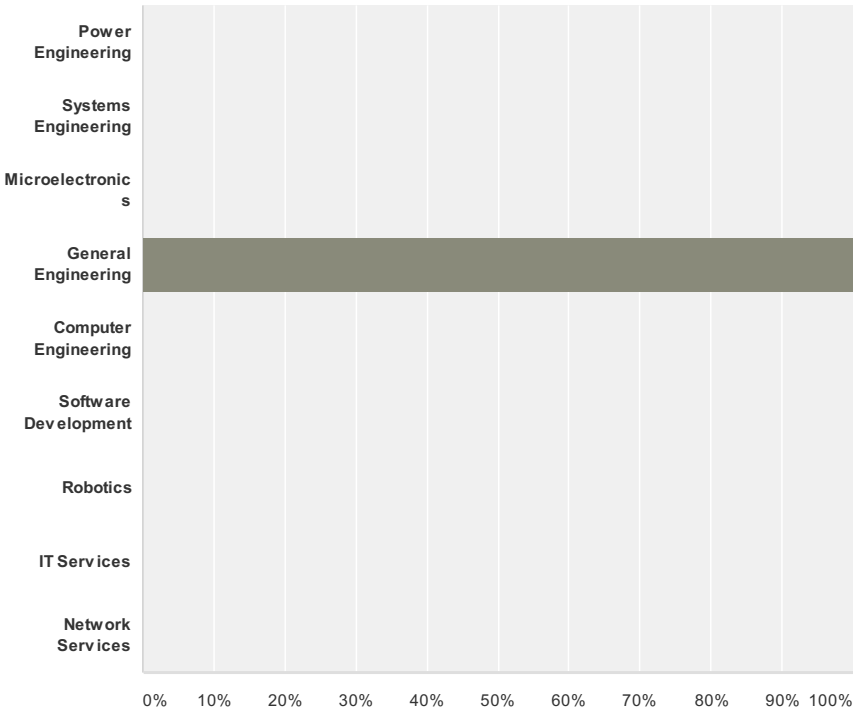
Q38 What is the geographic location of the job you accepted (specific city and state)?

Answered: 1 Skipped: 6

#	Responses	Date
1	xx	2/24/2014 3:32 PM

Q39 Which area of emphasis will your job duties primarily focus on?

Answered: 1 Skipped: 6

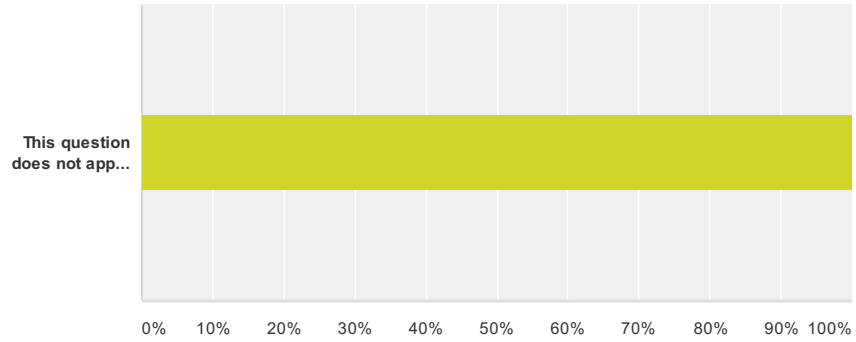


Answer Choices	Responses	
Power Engineering	0.00%	0
Systems Engineering	0.00%	0
Microelectronics	0.00%	0
General Engineering	100.00%	1
Computer Engineering	0.00%	0
Software Development	0.00%	0
Robotics	0.00%	0
IT Services	0.00%	0
Network Services	0.00%	0
Total		1

#	Other (CptS, EE or CptE related areas -please specify)	Date
	There are no responses.	

Q40 If you have accepted employment outside your academic major please describe the type of work you will be doing.

Answered: 1 Skipped: 6



Answer Choices	Responses	
This question does not apply to me	100.00%	1
Total		1

#	Other Non CptS, EE or CptE related jobs-please specify.	Date
	There are no responses.	

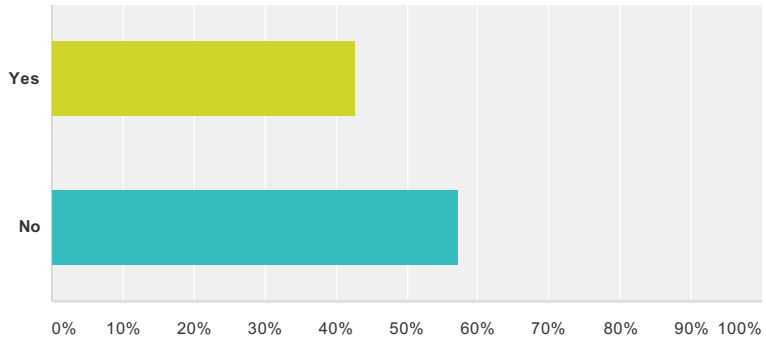
Q41 What or who helped the most with your job placement?

Answered: 1 Skipped: 6

#	Responses	Date
1	sss	2/24/2014 3:33 PM

Q42 Have you applied for graduate school?

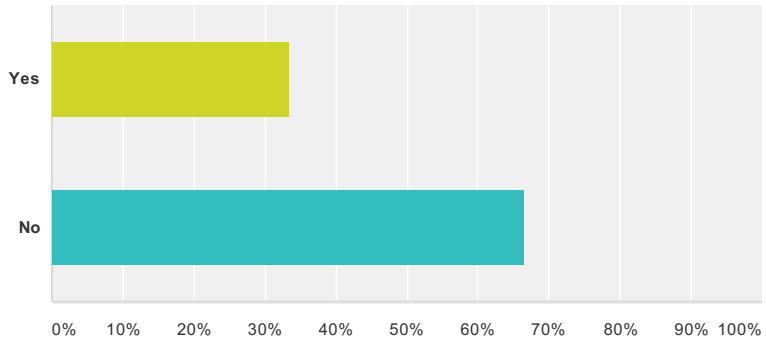
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	42.86%	3
No	57.14%	4
Total		7

Q43 Have you been accepted to graduate school?

Answered: 3 Skipped: 4



Answer Choices	Responses	
Yes	33.33%	1
No	66.67%	2
Total		3

Q44 List where you have been accepted to graduate school. (Please provide name of school and program.)

Answered: 1 Skipped: 6

#	Responses	Date
1	SS	2/24/2014 3:40 PM

Q45 If you plan to attend graduate school, please indicate the one you will attend. (If you will not attend any, please explain why.)

Answered: 1 Skipped: 6

#	Responses	Date
1	SS	2/24/2014 3:40 PM

Q46 Please rate the quality of the Computer Science program in helping to prepare you:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
To be a computer scientist	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
For a career in industry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To pursue graduate studies	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To contribute to society as a professional	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To become an entrepreneur	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q47 Please rate the quality of the Computer Science program in helping you:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Learn the mathematical skills needed for computer science careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the science skills needed for computer science careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the computer science skills needed for computer science careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn to use probability and statistics concepts in computer science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn software design principles	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Work with others on team projects	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn new material not taught in class by finding, evaluating and using outside resources	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the basics of computer science ethics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in oral presentations	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in writing	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the relationship of computer science to solving societal problems	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the value of lifelong learning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Gain sound knowledge of contemporary issues	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Design programs to meet specified needs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q48 Please rate the emphasis given to the following areas in the Computer Science program.

Answered: 0 Skipped: 7

! No matching responses.

	Too little	(no label)	About right	(no label)	Too much	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Software design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Probability and statistics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Option courses	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q49 Please rate the importance of the following topics in the practice of Computer Science.

Answered: 0 Skipped: 7

! No matching responses.

	High	(no label)	Medium	(no label)	Low	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Software design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Probability and statistics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Option courses	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q50 Please rate the quality of instruction and support by faculty in the following areas:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q51 Please rate the quality of the instruction and instructional support by teaching assistants during your Computer Engineering program.

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q52 Please rate the quality of advising you received as it relates to the following topics:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Academic planning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Career opportunities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Graduate education	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Internships	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Option courses	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q53 Please rate the quality of instructional facilities:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Classrooms	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computing labs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Student lounges	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Library facilities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q54 Would you recommend EECS to a friend or a relative?

Answered: 0 Skipped: 7

! No matching responses.

Answer Choices	Responses	
Yes	0.00%	0
No	0.00%	0
Total Respondents: 0		

Q55 As an alum, are you willing to help with recruiting, fund raising, arranging alumni events or meetings?

Answered: 0 Skipped: 7

! No matching responses.

Answer Choices	Responses	
Yes	0.00%	0
No	0.00%	0
Total Respondents: 0		

Q56 What would you say are the strengths of the WSU Computer Science program?

Answered: 0 Skipped: 7

#	Responses	Date
	There are no responses.	

Q57 What would you say are the weaknesses of the WSU Computer Science program?

Answered: 0 Skipped: 7

#	Responses	Date
	There are no responses.	

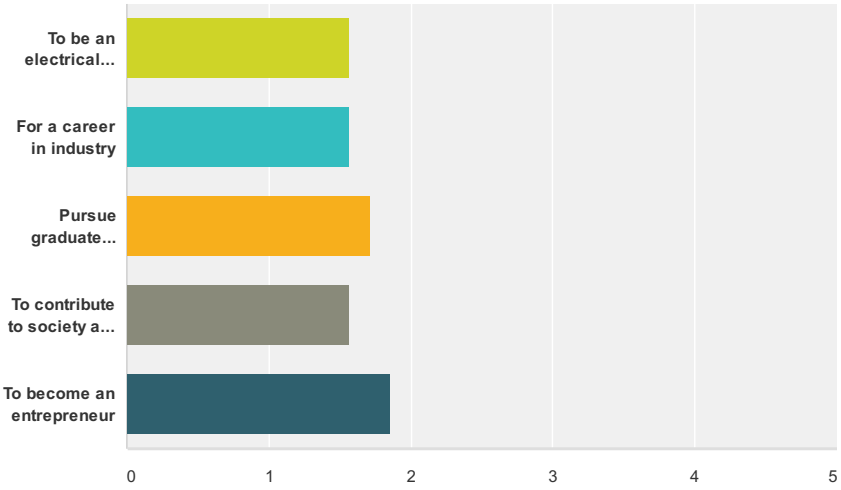
Q58 What suggestions do you have for improving the WSU Computer Science program?

Answered: 0 Skipped: 7

#	Responses	Date
	There are no responses.	

Q59 Please rate the quality of the curriculum in Electrical Engineering in helping you:

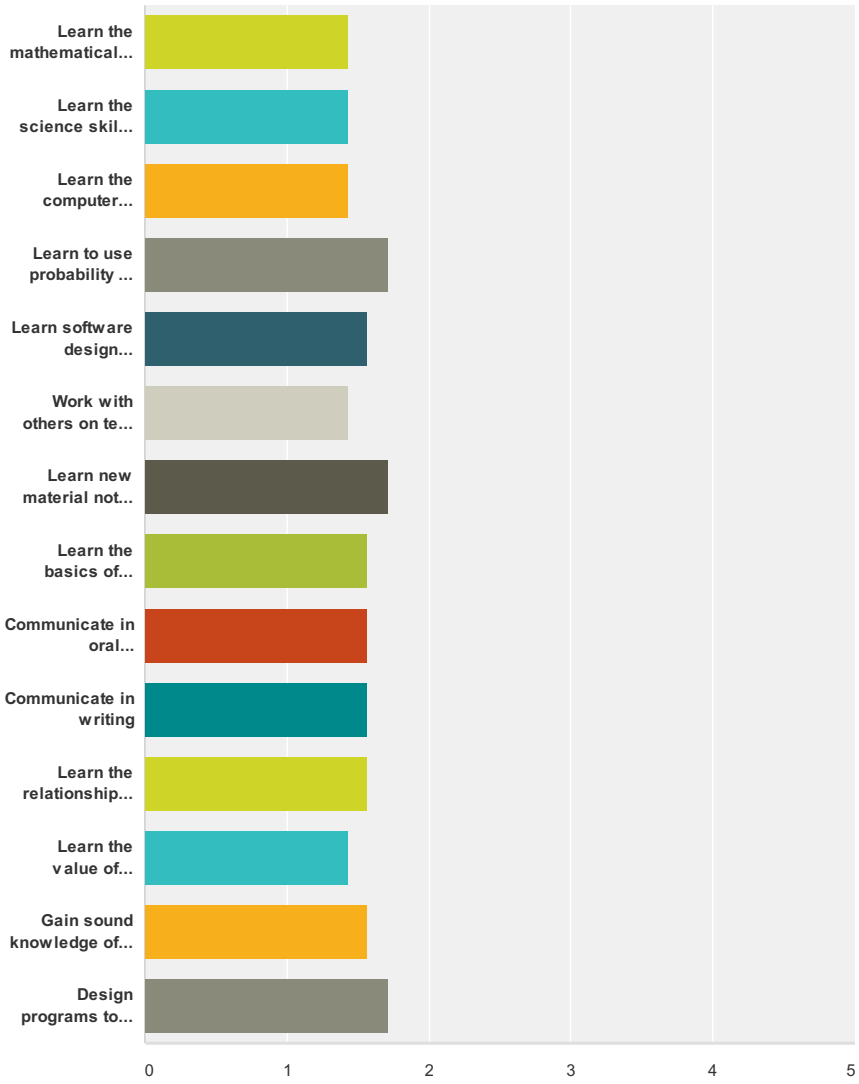
Answered: 7 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
To be an electrical engineer	**57.14%** 4	**28.57%** 2	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.57
For a career in industry	**57.14%** 4	**28.57%** 2	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.57
Pursue graduate studies	**42.86%** 3	**42.86%** 3	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.71
To contribute to society as a professional	**57.14%** 4	**28.57%** 2	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.57
To become an entrepreneur	**57.14%** 4	**14.29%** 1	**14.29%** 1	**14.29%** 1	**0.00%** 0	**0.00%** 0	7	1.86

Q60 Please rate the quality of the Electrical Engineering program in helping you:

Answered: 7 Skipped: 0

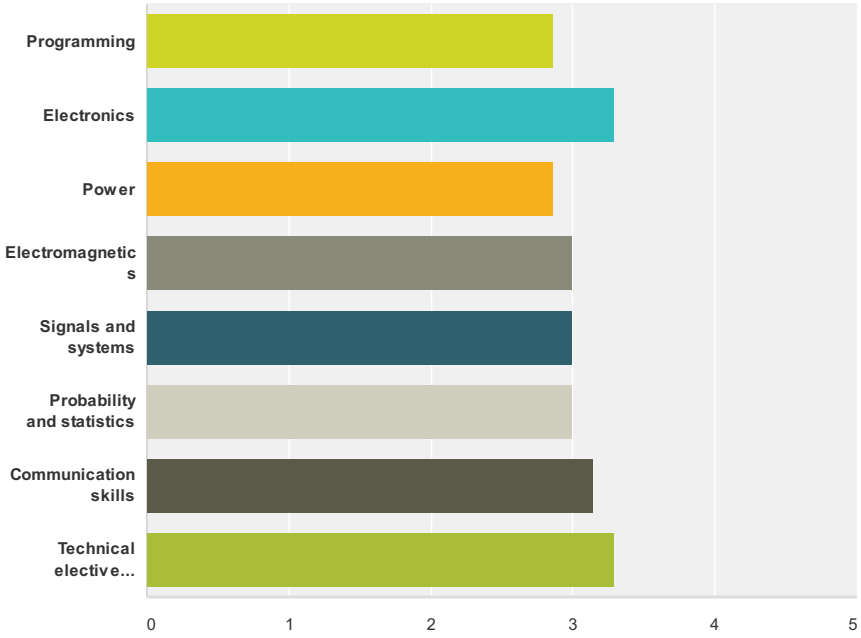


	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Learn the mathematical skills needed for electrical engineering careers	57.14% 4	42.86% 3	0.00% 0	0.00% 0	0.00% 0	0.00% 0	7	1.43
Learn the science skills needed for electrical engineering careers	57.14% 4	42.86% 3	0.00% 0	0.00% 0	0.00% 0	0.00% 0	7	1.43
Learn the computer science skills needed for electrical engineering careers	57.14% 4	42.86% 3	0.00% 0	0.00% 0	0.00% 0	0.00% 0	7	1.43
Learn to use probability and statistics concepts in electrical engineering	42.86% 3	42.86% 3	14.29% 1	0.00% 0	0.00% 0	0.00% 0	7	1.71
Learn software design principles	42.86% 3	57.14% 4	0.00% 0	0.00% 0	0.00% 0	0.00% 0	7	1.57
Work with others on team projects	57.14% 4	42.86% 3	0.00% 0	0.00% 0	0.00% 0	0.00% 0	7	1.43
Learn new material not taught in class by finding, evaluating and using outside resources	57.14% 4	14.29% 1	28.57% 2	0.00% 0	0.00% 0	0.00% 0	7	1.71
Learn the basics of electrical engineering ethics	57.14% 4	28.57% 2	14.29% 1	0.00% 0	0.00% 0	0.00% 0	7	1.57
Communicate in oral presentations	57.14% 4	28.57% 2	14.29% 1	0.00% 0	0.00% 0	0.00% 0	7	1.57

Communicate in writing	**57.14%** 4	**28.57%** 2	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.57
Learn the relationship of electrical engineering to solving societal problems	**57.14%** 4	**28.57%** 2	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.57
Learn the value of lifelong learning	**71.43%** 5	**14.29%** 1	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.43
Gain sound knowledge of contemporary issues	**57.14%** 4	**28.57%** 2	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.57
Design programs to meet specified needs	**42.86%** 3	**42.86%** 3	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.71

Q61 Please rate the emphasis given to the following areas in the Electrical Engineering program:

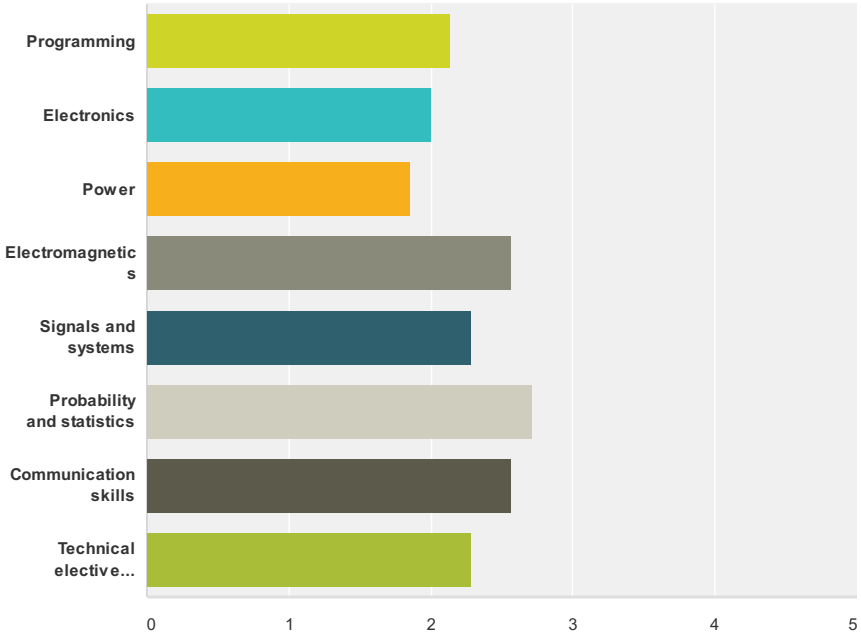
Answered: 7 Skipped: 0



	Too Little	(no label)	About Right	(no label)	Too Much	Total	Average Rating
Programming	**14.29%** 1	**0.00%** 0	**71.43%** 5	**14.29%** 1	**0.00%** 0	7	2.86
Electronics	**0.00%** 0	**0.00%** 0	**71.43%** 5	**28.57%** 2	**0.00%** 0	7	3.29
Power	**14.29%** 1	**0.00%** 0	**71.43%** 5	**14.29%** 1	**0.00%** 0	7	2.86
Electromagnetics	**0.00%** 0	**0.00%** 0	**100.00%** 7	**0.00%** 0	**0.00%** 0	7	3.00
Signals and systems	**0.00%** 0	**0.00%** 0	**100.00%** 7	**0.00%** 0	**0.00%** 0	7	3.00
Probability and statistics	**0.00%** 0	**0.00%** 0	**100.00%** 7	**0.00%** 0	**0.00%** 0	7	3.00
Communication skills	**0.00%** 0	**0.00%** 0	**85.71%** 6	**14.29%** 1	**0.00%** 0	7	3.14
Technical elective courses	**0.00%** 0	**0.00%** 0	**71.43%** 5	**28.57%** 2	**0.00%** 0	7	3.29

Q62 Please rate the importance of the following topics in the practice of Electrical Engineering:

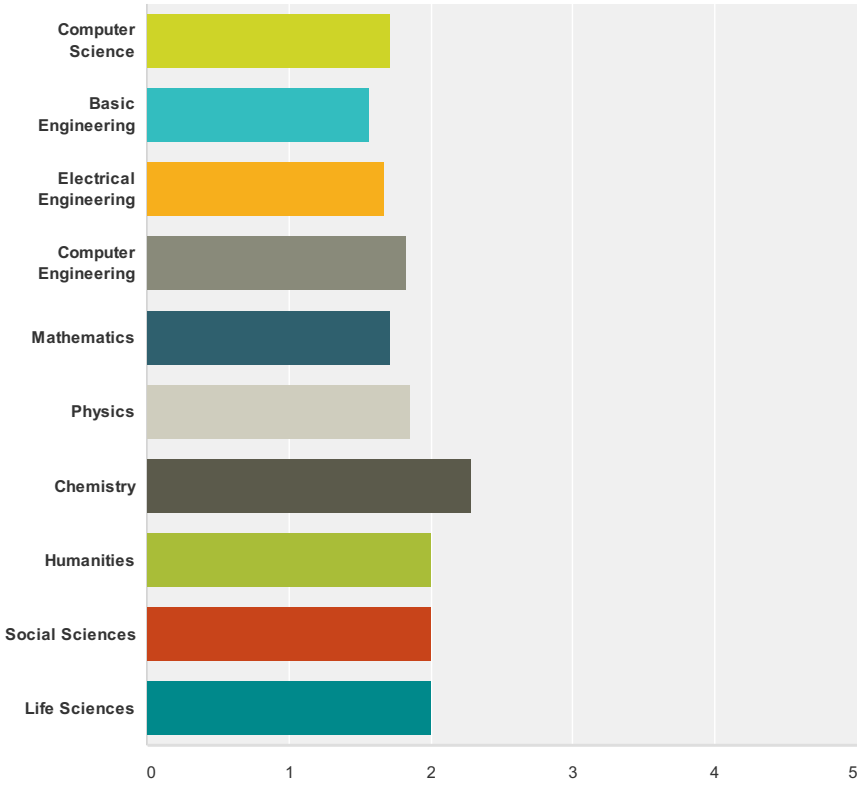
Answered: 7 Skipped: 0



	High	(no label)	Medium	(no label)	Low	Total	Average Rating
Programming	**42.86%** 3	**14.29%** 1	**28.57%** 2	**14.29%** 1	**0.00%** 0	7	2.14
Electronics	**57.14%** 4	**0.00%** 0	**28.57%** 2	**14.29%** 1	**0.00%** 0	7	2.00
Power	**57.14%** 4	**14.29%** 1	**14.29%** 1	**14.29%** 1	**0.00%** 0	7	1.86
Electromagnetics	**28.57%** 2	**14.29%** 1	**42.86%** 3	**0.00%** 0	**14.29%** 1	7	2.57
Signals and systems	**28.57%** 2	**14.29%** 1	**57.14%** 4	**0.00%** 0	**0.00%** 0	7	2.29
Probability and statistics	**28.57%** 2	**0.00%** 0	**42.86%** 3	**28.57%** 2	**0.00%** 0	7	2.71
Communication skills	**14.29%** 1	**14.29%** 1	**71.43%** 5	**0.00%** 0	**0.00%** 0	7	2.57
Technical elective courses	**14.29%** 1	**42.86%** 3	**42.86%** 3	**0.00%** 0	**0.00%** 0	7	2.29

Q63 Please rate the quality of instruction and support by faculty in the following areas:

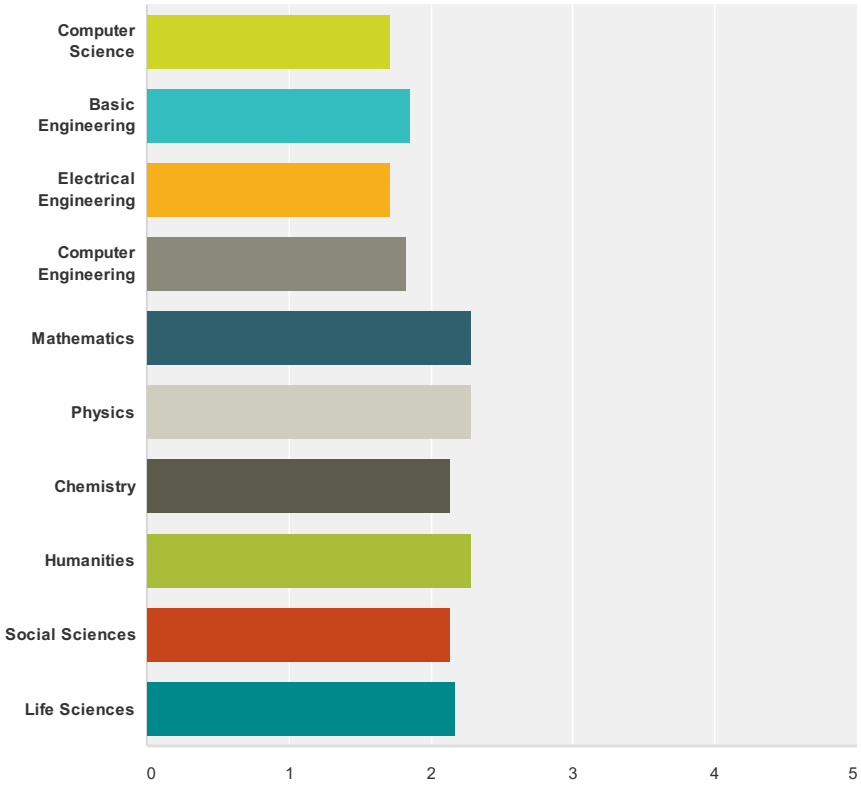
Answered: 7 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	42.86% 3	42.86% 3	14.29% 1	0.00% 0	0.00% 0	0.00% 0	7	1.71
Basic Engineering	42.86% 3	57.14% 4	0.00% 0	0.00% 0	0.00% 0	0.00% 0	7	1.57
Electrical Engineering	50.00% 3	33.33% 2	16.67% 1	0.00% 0	0.00% 0	0.00% 0	6	1.67
Computer Engineering	42.86% 3	28.57% 2	0.00% 0	14.29% 1	0.00% 0	14.29% 1	7	1.83
Mathematics	28.57% 2	71.43% 5	0.00% 0	0.00% 0	0.00% 0	0.00% 0	7	1.71
Physics	28.57% 2	57.14% 4	14.29% 1	0.00% 0	0.00% 0	0.00% 0	7	1.86
Chemistry	28.57% 2	42.86% 3	0.00% 0	28.57% 2	0.00% 0	0.00% 0	7	2.29
Humanities	42.86% 3	28.57% 2	14.29% 1	14.29% 1	0.00% 0	0.00% 0	7	2.00
Social Sciences	28.57% 2	42.86% 3	28.57% 2	0.00% 0	0.00% 0	0.00% 0	7	2.00
Life Sciences	28.57% 2	28.57% 2	28.57% 2	0.00% 0	0.00% 0	14.29% 1	7	2.00

Q64 Please rate the quality of the instruction and instructional support by teaching assistants during your Computer Engineering program.

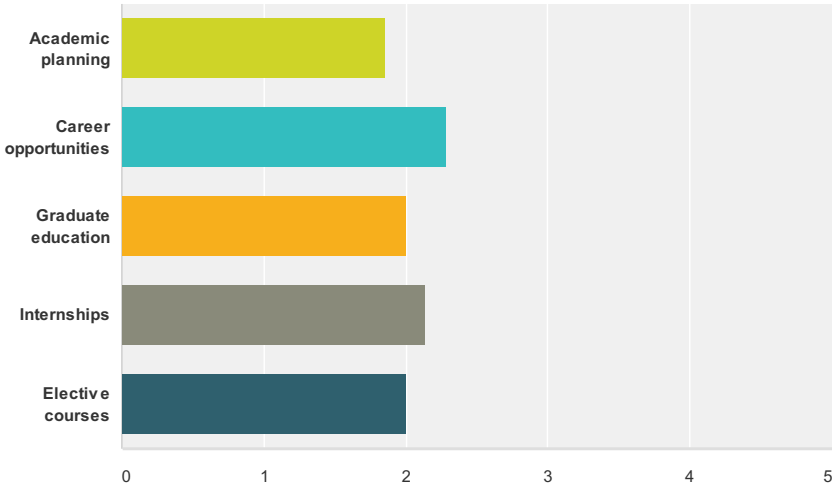
Answered: 7 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	57.14% 4	14.29% 1	28.57% 2	0.00% 0	0.00% 0	0.00% 0	7	1.71
Basic Engineering	42.86% 3	28.57% 2	28.57% 2	0.00% 0	0.00% 0	0.00% 0	7	1.86
Electrical Engineering	57.14% 4	14.29% 1	28.57% 2	0.00% 0	0.00% 0	0.00% 0	7	1.71
Computer Engineering	42.86% 3	14.29% 1	28.57% 2	0.00% 0	0.00% 0	14.29% 1	7	1.83
Mathematics	28.57% 2	14.29% 1	57.14% 4	0.00% 0	0.00% 0	0.00% 0	7	2.29
Physics	28.57% 2	14.29% 1	57.14% 4	0.00% 0	0.00% 0	0.00% 0	7	2.29
Chemistry	28.57% 2	28.57% 2	42.86% 3	0.00% 0	0.00% 0	0.00% 0	7	2.14
Humanities	28.57% 2	14.29% 1	57.14% 4	0.00% 0	0.00% 0	0.00% 0	7	2.29
Social Sciences	28.57% 2	28.57% 2	42.86% 3	0.00% 0	0.00% 0	0.00% 0	7	2.14
Life Sciences	28.57% 2	14.29% 1	42.86% 3	0.00% 0	0.00% 0	14.29% 1	7	2.17

Q65 Please rate the quality of advising you received as it relates to the following topics:

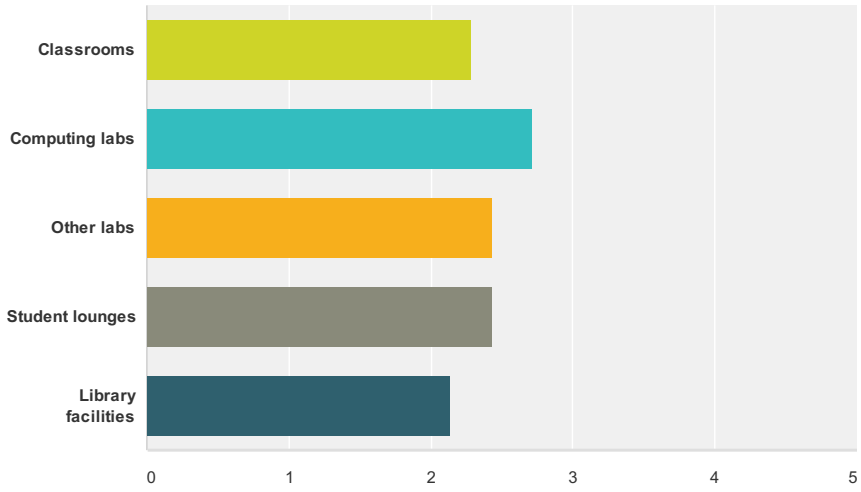
Answered: 7 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Academic planning	**28.57%** 2	**57.14%** 4	**14.29%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	1.86
Career opportunities	**28.57%** 2	**28.57%** 2	**28.57%** 2	**14.29%** 1	**0.00%** 0	**0.00%** 0	7	2.29
Graduate education	**42.86%** 3	**28.57%** 2	**14.29%** 1	**14.29%** 1	**0.00%** 0	**0.00%** 0	7	2.00
Internships	**28.57%** 2	**42.86%** 3	**14.29%** 1	**14.29%** 1	**0.00%** 0	**0.00%** 0	7	2.14
Elective courses	**28.57%** 2	**42.86%** 3	**28.57%** 2	**0.00%** 0	**0.00%** 0	**0.00%** 0	7	2.00

Q66 Please rate the quality of instructional facilities:

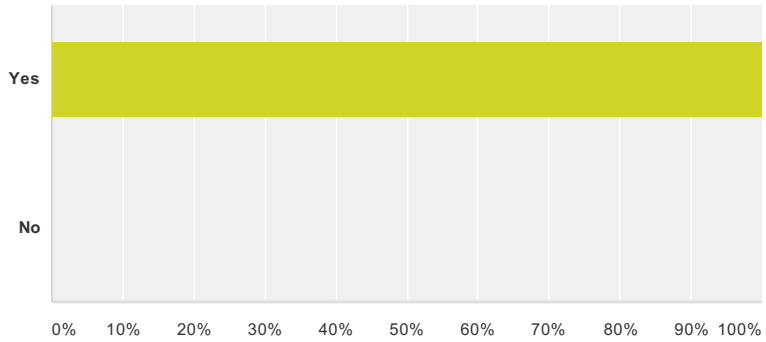
Answered: 7 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Classrooms	28.57% 2	14.29% 1	57.14% 4	0.00% 0	0.00% 0	0.00% 0	7	2.29
Computing labs	28.57% 2	14.29% 1	28.57% 2	14.29% 1	14.29% 1	0.00% 0	7	2.71
Other labs	28.57% 2	14.29% 1	42.86% 3	14.29% 1	0.00% 0	0.00% 0	7	2.43
Student lounges	28.57% 2	14.29% 1	42.86% 3	14.29% 1	0.00% 0	0.00% 0	7	2.43
Library facilities	28.57% 2	28.57% 2	42.86% 3	0.00% 0	0.00% 0	0.00% 0	7	2.14

Q67 Would you recommend EECS to a friend or a relative?

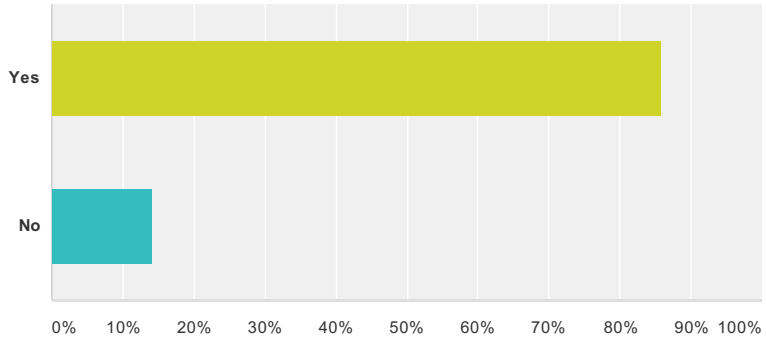
Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**100.00%**	7
No	**0.00%**	0
Total		**7**

Q68 As an alum, are you willing to help with recruiting, fund raising, arranging alumni events or meetings?

Answered: 7 Skipped: 0



Answer Choices	Responses	
Yes	**85.71%**	6
No	**14.29%**	1
Total		**7**

Q69 What would you say are the strengths of the WSU Electrical Engineering program?

Answered: 7 Skipped: 0

#	Responses	Date
1	the teachers are extremely hard.	3/7/2014 11:50 AM
2	-Knowledgeable and helpful faculty and staff -Small class sizes for most 400 level classes -Broad scope of study within EE, including relating designs to broader society -Senior design (at least for me) provided a good approximation of what it might be like to work as an Electrical Engineer in industry.	2/28/2014 12:13 PM
3	aaa	2/24/2014 3:17 PM
4	study hard	1/29/2014 5:05 PM
5	should work hard	1/29/2014 2:18 PM
6	Power track is probably most developed out of all the tracks in EE and funded.	1/22/2014 12:51 PM
7	Good teachers	1/21/2014 6:28 PM

Q70 What would you say are the weaknesses of the WSU Electrical Engineering program?

Answered: 7 Skipped: 0

#	Responses	Date
1	none	3/7/2014 11:50 AM
2	The facilities, while adequate, could certainly be better. In this I primarily mean labs, though classrooms could also be improved.	2/28/2014 12:13 PM
3	aaa	2/24/2014 3:17 PM
4	more mirco class	1/29/2014 5:05 PM
5	should more class about micro	1/29/2014 2:18 PM
6	All other track electives, I feel as though there is more power people than there are people in signals, electronics, and systems. In addition I would say the largest weakness is the availability of professor or TA for student help.	1/22/2014 12:51 PM
7	too much power research	1/21/2014 6:28 PM

Q71 What suggestions do you have for improving the WSU Electrical Engineering program?

Answered: 7 Skipped: 0

#	Responses	Date
1	better building	3/7/2014 11:50 AM
2	-It would be helpful to have more suggestions for additional learning from professors to the class as a whole, especially in regards to industry practices or specific applications of the subject matter in the industry. Note: We did receive suggestions, but more would be better. -Ignoring for a moment the potential problems of credit and/or coursework overload, a lab component to more classes could be helpful. -It would be nice if there was more whiteboard space available for professors/instructors to use in many of the classrooms in Sloan Hall. -Newer lab equipment would be nice.	2/28/2014 12:13 PM
3	aaa	2/24/2014 3:17 PM
4	connections with seattle	1/29/2014 5:05 PM
5	more contacts with seattle	1/29/2014 2:18 PM
6	allow electrical engineering classes to be taught in the summer in a special session that can accommodate such classes thus lighter load during the semesters.	1/22/2014 12:51 PM
7	more tracks options	1/21/2014 6:28 PM

Q72 Please rate the quality of the Computer Engineering degree in helping to prepare you:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
To be an engineer	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
For a career in industry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To pursue graduate studies	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To contribute to society as a professional	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
To become an entrepreneur	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q73 Please rate the quality of the Computer Engineering program in helping you:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Learn the mathematical skills needed for computer engineering careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the science skills needed for computer engineering careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the computer science skills needed for computer engineering careers	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn to use probability and statistics concepts in computer engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn software design principles	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Work with others on team projects	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn new material not taught in class by finding, evaluating and using outside resources	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the basics of computer engineering ethics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in oral presentations	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate in writing	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the relationship of computer engineering to solving societal problems	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Learn the value of lifelong learning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Gain sound knowledge of contemporary issues	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Design programs to meet specified needs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q74 Please rate the quality of instruction and support by faculty in the following areas:

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q75 Please rate the quality of the instruction and instructional support by teaching assistants during your Computer Engineering program.

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Basic Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Electrical Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer Engineering	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Mathematics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Physics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Chemistry	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Humanities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Social Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Life Sciences	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q76 Please rate the quality of advising during your Computer Engineering program as it relates to each of the following areas.

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Academic planning	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Career opportunities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Graduate education	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Internships	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Technical electives	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q77 Please rate the quality of instructional facilities during your Computer Engineering program.

Answered: 0 Skipped: 7

! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Classrooms	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computing labs	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Circuit laboratories	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Computer engineering laboratories	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Student lounges	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Library facilities	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q78 Please rate the emphasis given to the following basic engineering fields in the Computer Engineering curriculum.

Answered: 0 Skipped: 7

! No matching responses.

	Too little	(no label)	About right	(no label)	Too much	N/A	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering fundamentals	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Probability and statistics	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q79 Please rate the importance of the following basic engineering topics in the study of Computer Engineering.

Answered: 0 Skipped: 7

! No matching responses.

	Very important	(no label)	Moderately important	(no label)	Not important at all	N/A	Total	Average Rating
Programming	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering fundamentals	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Engineering design	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communication skills	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Q80 Please comment on the strengths of the Computer Engineering program at WSU.

Answered: 0 Skipped: 7

#	Responses	Date
	There are no responses.	

Q81 Please comment on the weaknesses of the Computer Engineering program at WSU.

Answered: 0 Skipped: 7

#	Responses	Date
	There are no responses.	

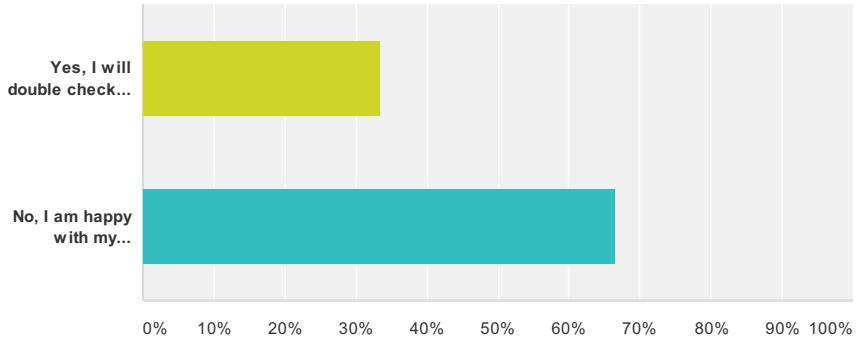
Q82 Please provide on any suggestions for improving the Computer Engineering program at WSU.

Answered: 0 Skipped: 7

#	Responses	Date
	There are no responses.	

Q83 We encourage you to review your answers. Accurate information is the best way to continually improve programs in EECS. Would you like to review your answers?

Answered: 3 Skipped: 4



Answer Choices	Responses	
Yes, I will double check my answers	33.33%	1
No, I am happy with my selections.	66.67%	2
Total		3

Appendix C:

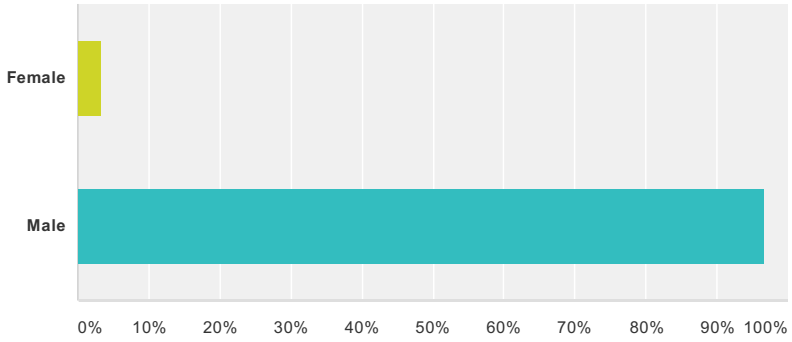
Summary Survey Responses

Spring, 2014

Exit Interview Milestone

Q3 What is your gender? (Answer not required, but helpful for reporting purposes)

Answered: 30 Skipped: 0



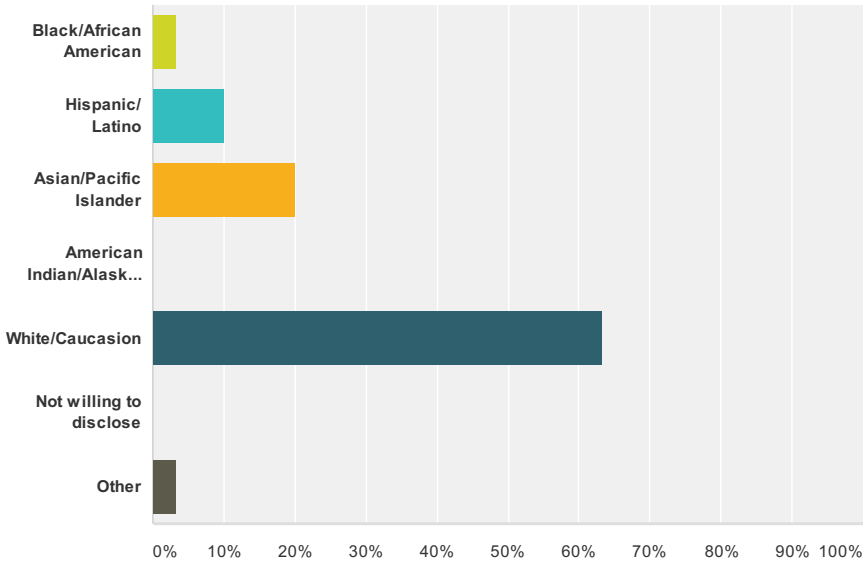
Answer Choices	Responses	
Female	**3.33%**	1
Male	**96.67%**	29
Total		**30**

#	Other (please specify)	Date
	There are no responses.	

Exit Interview Milestone

Q4 Race/Ethnicity

Answered: 30 Skipped: 0



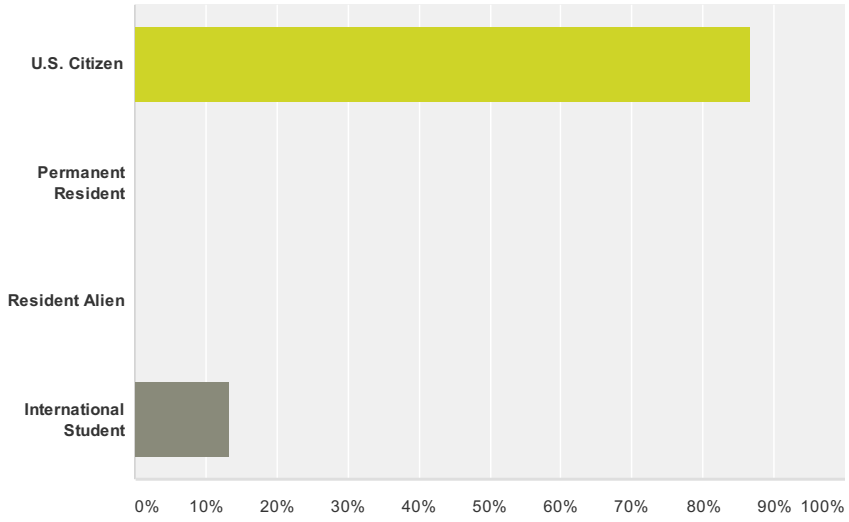
Answer Choices	Responses	
Black/African American	**3.33%**	1
Hispanic/ Latino	**10.00%**	3
Asian/Pacific Islander	**20.00%**	6
American Indian/Alaska Native	**0.00%**	0
White/Caucasion	**63.33%**	19
Not willing to disclose	**0.00%**	0
Other	**3.33%**	1
Total		**30**

#	Other (please specify)	Date
1	Middle Eastren	4/19/2014 2:23 AM

Exit Interview Milestone

Q5 Citizenship

Answered: 30 Skipped: 0

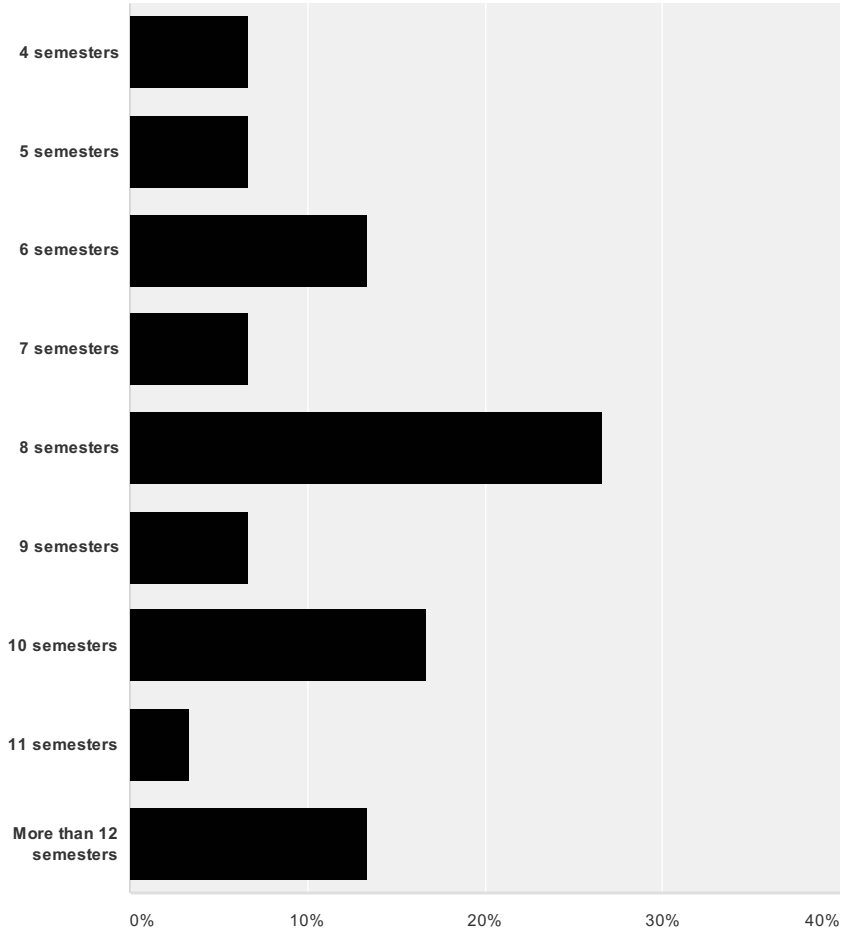


Answer Choices	Responses	
U.S. Citizen	**86.67%**	26
Permanent Resident	**0.00%**	0
Resident Alien	**0.00%**	0
International Student	**13.33%**	4
Total		**30**

Exit Interview Milestone

Q6 How long did it take you to complete your degree (not including summers)?

Answered: 30 Skipped: 0



Answer Choices	Responses	
4 semesters	**6.67%**	2
5 semesters	**6.67%**	2
6 semesters	**13.33%**	4
7 semesters	**6.67%**	2
8 semesters	**26.67%**	8
9 semesters	**6.67%**	2
10 semesters	**16.67%**	5
11 semesters	**3.33%**	1
More than 12 semesters	**13.33%**	4
Total		**30**

Exit Interview Milestone

Q7 If transferred, how many college credits did you transfer?

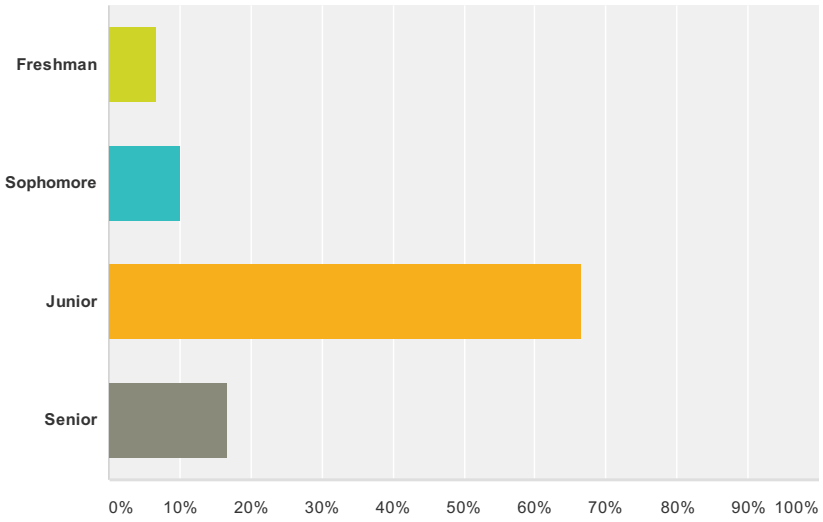
Answered: 19 Skipped: 11

#	Responses	Date
1	don't remember	5/30/2014 7:25 AM
2	75	5/29/2014 2:43 PM
3	67.28	5/25/2014 4:10 AM
4	about 60 degrees	5/12/2014 5:31 PM
5	100	5/5/2014 4:39 PM
6	73	5/4/2014 5:14 PM
7	30	5/4/2014 12:39 PM
8	71	5/3/2014 7:10 AM
9	42	5/2/2014 8:50 PM
10	10	5/1/2014 7:01 PM
11	60	4/29/2014 5:22 PM
12	56	4/29/2014 1:13 PM
13	4	4/26/2014 12:51 PM
14	9	4/22/2014 10:11 PM
15	none	4/17/2014 9:33 AM
16	60	4/16/2014 5:24 PM
17	57.28	4/16/2014 2:49 PM
18	59	4/16/2014 11:46 AM
19	46	4/16/2014 9:10 AM

Exit Interview Milestone

Q8 Which year of study was the most difficult for you?

Answered: 30 Skipped: 0

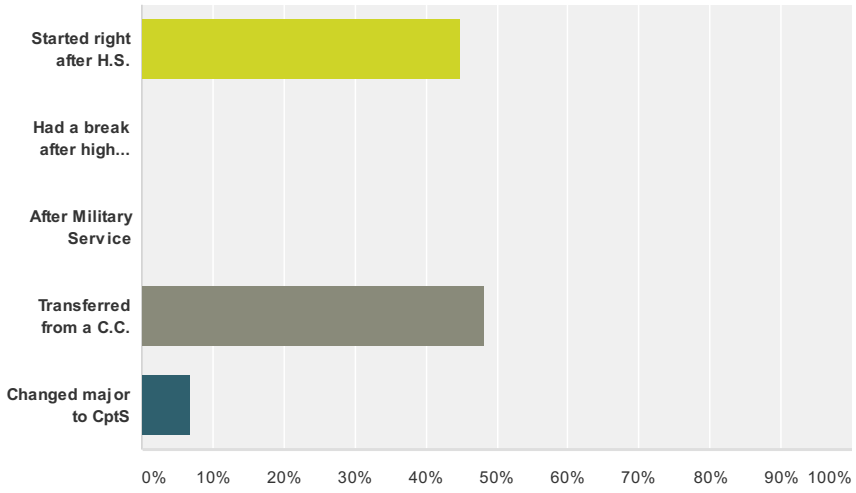


Answer Choices	Responses	
Freshman	**6.67%**	2
Sophomore	**10.00%**	3
Junior	**66.67%**	20
Senior	**16.67%**	5
Total		**30**

Exit Interview Milestone

Q9 How did you come to WSU EECS?

Answered: 29 Skipped: 1



Answer Choices	Responses	
Started right after H.S.	**44.83%**	13
Had a break after high school	**0.00%**	0
After Military Service	**0.00%**	0
Transferred from a C.C.	**48.28%**	14
Changed major to CptS	**6.90%**	2
Total		**29**

Exit Interview Milestone

Q10 Which class was the hardest class for you?

Answered: 30 Skipped: 0

#	Responses	Date
1	EE 341 Signals and Systems	6/2/2014 10:42 AM
2	Computer Science classes or all classes that involves programming	5/30/2014 7:25 AM
3	EE 341 signals and systems	5/29/2014 2:43 PM
4	EE493	5/25/2014 4:10 AM
5	EE311	5/12/2014 5:31 PM
6	EE 416, Senior Design. The work was not difficult, but having to work with a lackluster team for two semesters was a trying experience.	5/6/2014 3:36 PM
7	EE 341	5/5/2014 4:39 PM
8	EE 361. My professor was terrible and I had no idea what I was supposed to be learning.	5/5/2014 10:24 AM
9	EE341 Signals & Systems	5/4/2014 5:14 PM
10	EE362 Power lab.	5/4/2014 12:39 PM
11	EE311 with Ringo	5/3/2014 7:10 AM
12	EE 361 do to the lack of qualified instucter	5/2/2014 8:50 PM
13	EE311	5/2/2014 5:58 PM
14	EE 341, EE 493	5/1/2014 7:01 PM
15	EE361	5/1/2014 1:29 PM
16	EE 341	4/29/2014 5:22 PM
17	None	4/29/2014 1:13 PM
18	EE 493	4/28/2014 2:58 PM
19	EE 311 (our class consensus was that this class should be divided into a 2-semester course)	4/26/2014 12:51 PM
20	Signals and Systems, Control Systems, Circuits II	4/22/2014 10:11 PM
21	EE 311	4/19/2014 2:25 AM
22	Digital Systetems	4/17/2014 9:33 AM
23	EE 341, EE 311, EE 489	4/16/2014 5:24 PM
24	signals and systems EE341	4/16/2014 2:49 PM
25	EE 341/EE464	4/16/2014 1:45 PM
26	Math 172	4/16/2014 12:39 PM
27	EE491 Performance of Power systems (subject material is very abstract)	4/16/2014 11:46 AM
28	EE 311 from Professor Ringo	4/16/2014 11:36 AM
29	Programming classes and signals systems and transforms	4/16/2014 9:19 AM
30	EE 241 Signals and Systems	4/16/2014 9:10 AM

Exit Interview Milestone

Q11 What was the most valuable class you took?

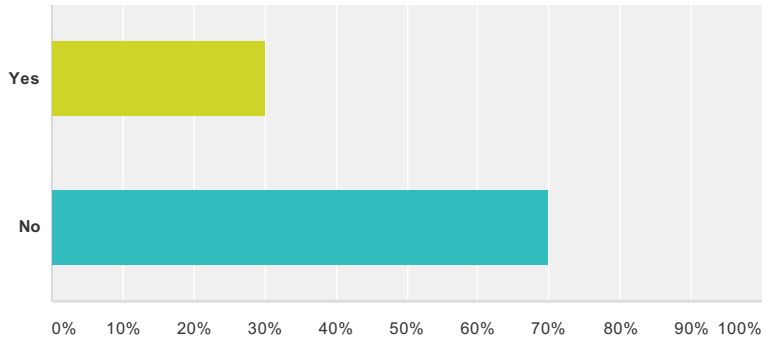
Answered: 30 Skipped: 0

#	Responses	Date
1	EE 415 - EE 416 Senior Design	6/2/2014 10:42 AM
2	All classes that I have taken	5/30/2014 7:25 AM
3	EE 416 Senior design	5/29/2014 2:43 PM
4	EE489	5/25/2014 4:10 AM
5	EE486	5/12/2014 5:31 PM
6	There three courses that tie for this distinction: EE489 with Sandip Roy, EE494 with Brent Carper, EE352 with Tim Hanshaw	5/6/2014 3:36 PM
7	EE 476	5/5/2014 4:39 PM
8	EE 321. After that all the classes were application classes and nothing that couldn't be figured out from first principles.	5/5/2014 10:24 AM
9	EE416 Senior Design	5/4/2014 5:14 PM
10	Writing Class	5/4/2014 12:39 PM
11	EE234 with Andy	5/3/2014 7:10 AM
12	EE 489 EE 493 EE 491	5/2/2014 8:50 PM
13	EE432	5/2/2014 5:58 PM
14	EE 361, EE 494	5/1/2014 7:01 PM
15	EE311	5/1/2014 1:29 PM
16	EE 494	4/29/2014 5:22 PM
17	VLSI, signals and systems, C++ programming, senior design, and digital circuit.	4/29/2014 1:13 PM
18	EE 362	4/28/2014 2:58 PM
19	PHYS 206	4/26/2014 12:51 PM
20	EE234 Microprocessor Systems	4/22/2014 10:11 PM
21	EE 494	4/19/2014 2:25 AM
22	Power systems	4/17/2014 9:33 AM
23	EE 352, EE 415, EE416	4/16/2014 5:24 PM
24	Power system analysis EE491	4/16/2014 2:49 PM
25	they were all pretty valuable.	4/16/2014 1:45 PM
26	261	4/16/2014 12:39 PM
27	All four classes in the track of DiffEq -> Circuits 2 -> Signals & Systems -> Intro to Control Those classes change math from a process of getting an 'answer' to a way of describing systems and their behavior.	4/16/2014 11:46 AM
28	EE 489 from Professor Sandip, EE 493 from Javier Guerrero EE 494 from Brent Carper	4/16/2014 11:36 AM
29	EE494, EE493 and Power systems	4/16/2014 9:19 AM
30	EE 362 Power Systems Labs	4/16/2014 9:10 AM

Exit Interview Milestone

Q12 Did you earn any minors at WSU?

Answered: 30 Skipped: 0



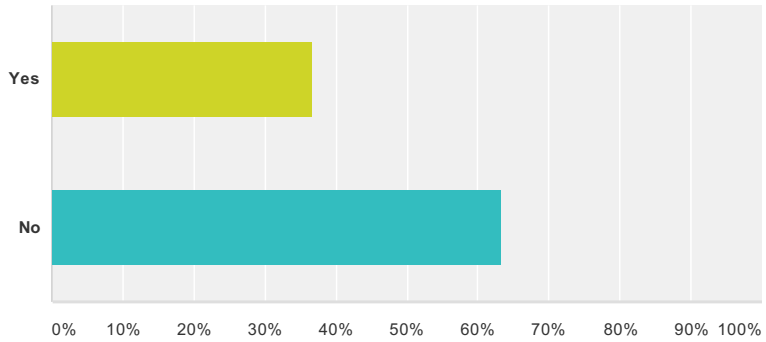
Answer Choices	Responses	
Yes	**30.00%**	9
No	**70.00%**	21
Total		**30**

#	If Yes, which minor?	Date
1	Math	5/5/2014 4:39 PM
2	Math	5/3/2014 7:10 AM
3	Military Science	5/2/2014 5:58 PM
4	Mathematics	4/29/2014 5:22 PM
5	Mathematics	4/22/2014 10:11 PM
6	Mathmatics	4/19/2014 2:25 AM
7	Computer Engineering	4/17/2014 9:33 AM
8	Math	4/16/2014 5:24 PM
9	Mathematics	4/16/2014 9:10 AM

Exit Interview Milestone

Q13 Did you receive any scholarships from EECS or WSU?

Answered: 30 Skipped: 0

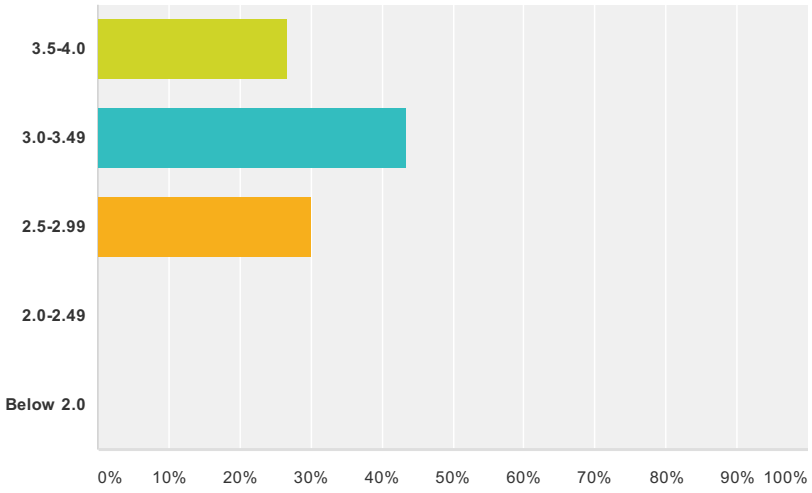


Answer Choices	Responses	
Yes	**36.67%**	11
No	**63.33%**	19
Total		**30**

Exit Interview Milestone

Q14 What is your current WSU GPA?

Answered: 30 Skipped: 0

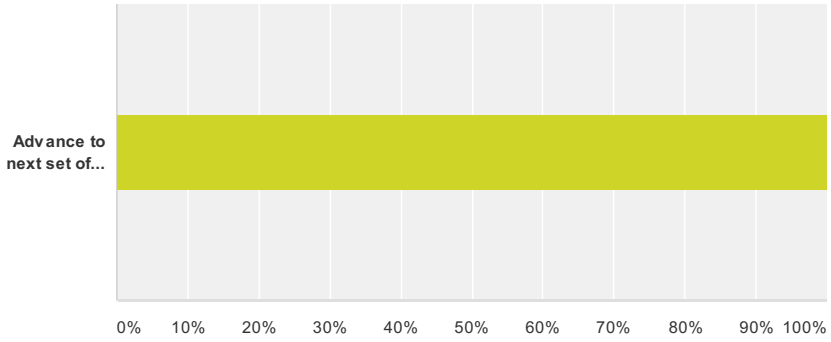


Answer Choices	Responses	
3.5-4.0	**26.67%**	8
3.0-3.49	**43.33%**	13
2.5-2.99	**30.00%**	9
2.0-2.49	**0.00%**	0
Below 2.0	**0.00%**	0
Total		**30**

Exit Interview Milestone

Q15 In the next set of question we will be asking about the experiences that have enhanced your education.

Answered: 30 Skipped: 0

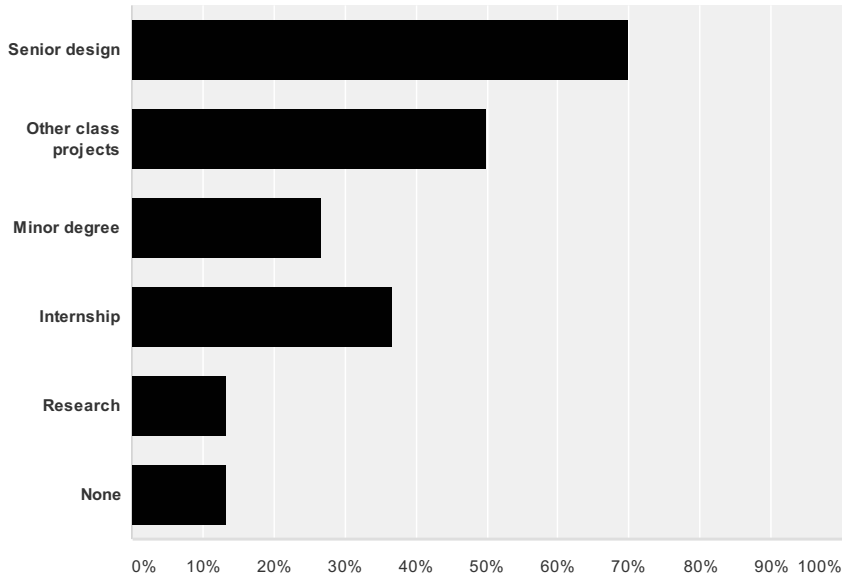


Answer Choices	Responses	
Advance to next set of questions	**100.00%**	30
Total		**30**

Exit Interview Milestone

Q16 Interdisciplinary activities are those that require you to perform work outside your major discipline or require you to work with others from another discipline. Please check any interdisciplinary activities in which you have been involved. [check all that apply]

Answered: 30 Skipped: 0



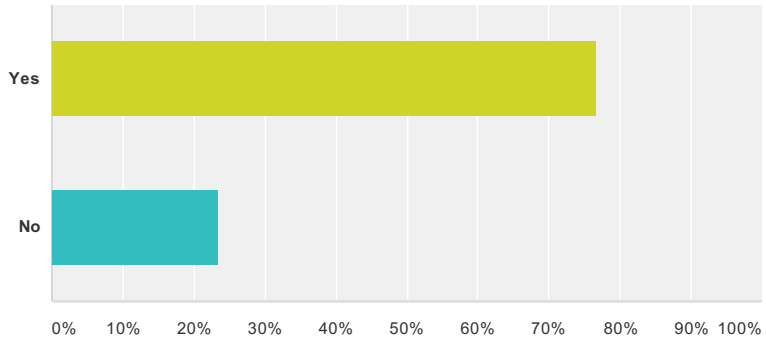
Answer Choices	Responses	
Senior design	**70.00%**	21
Other class projects	**50.00%**	15
Minor degree	**26.67%**	8
Internship	**36.67%**	11
Research	**13.33%**	4
None	**13.33%**	4
Total Respondents: 30		

#	Other (please specify)	Date
	There are no responses.	

Exit Interview Milestone

Q17 EECS defines an internship as a job experience in which you worked in your field of study for an employer or mentor who is a professional in the same field or a closely related field. Did you seek and/or apply for internships?

Answered: 30 Skipped: 0

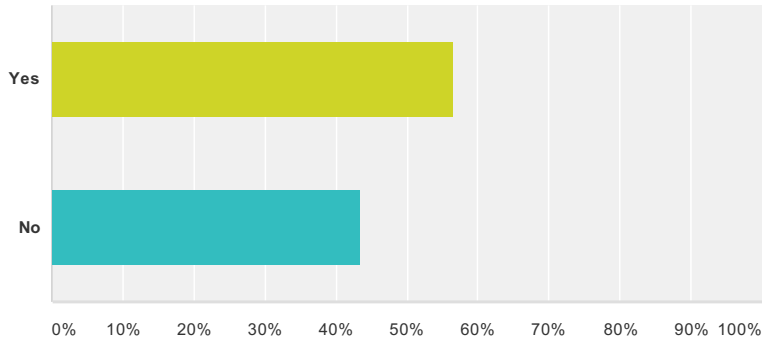


Answer Choices	Responses	
Yes	**76.67%**	23
No	**23.33%**	7
Total		**30**

Exit Interview Milestone

Q18 Did you participate in an internship during your time at WSU?

Answered: 23 Skipped: 7

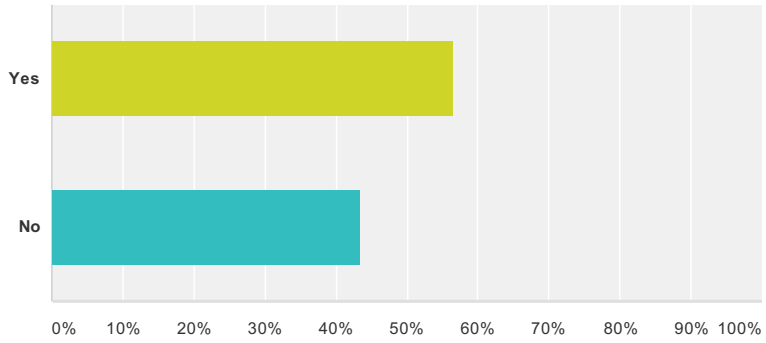


Answer Choices	Responses	
Yes	**56.52%**	13
No	**43.48%**	10
Total		**23**

Exit Interview Milestone

Q19 Were you paid for your internship?

Answered: 23 Skipped: 7

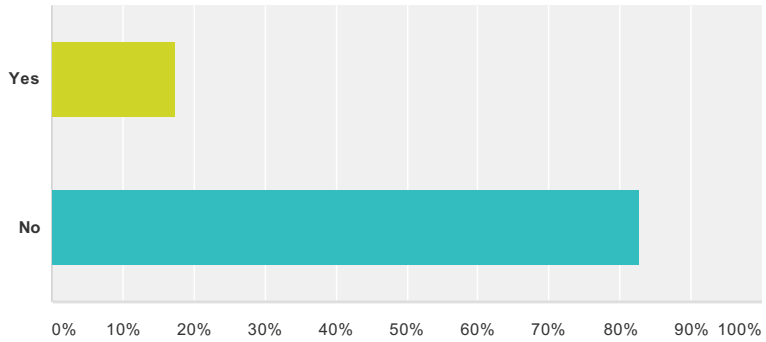


Answer Choices	Responses	
Yes	**56.52%**	13
No	**43.48%**	10
Total		**23**

Exit Interview Milestone

Q20 Did you earn credit for your internship?

Answered: 23 Skipped: 7



Answer Choices	Responses	
Yes	**17.39%**	4
No	**82.61%**	19
Total		**23**

Exit Interview Milestone

Q21 Please provide the name(s) of the company(s) where you did your internship(s).

Answered: 23 Skipped: 7

#	Responses	Date
1	Sportworks Northwest Inc.	6/2/2014 10:45 AM
2	not applicable	5/30/2014 7:27 AM
3	n/a	5/25/2014 4:10 AM
4	Chelan County PUD	5/6/2014 3:39 PM
5	Schweitzer	5/5/2014 4:42 PM
6	Boeing	5/5/2014 10:25 AM
7	didnt receive any internship	5/4/2014 12:42 PM
8	Quest Integrated Inc.	5/3/2014 7:12 AM
9	n/a please fixes this i answered no	5/2/2014 8:51 PM
10	National Rural Electric Cooperative Association Schweitzer Engineering Laboratories	5/1/2014 7:01 PM
11	Digilent Inc.	5/1/2014 1:30 PM
12	N/A	4/29/2014 5:23 PM
13	I didn't have an internship, but I was teaching assistant for data structure CPTS 122 class if that counts.	4/29/2014 1:13 PM
14	Itron Inc.	4/28/2014 2:59 PM
15	Schweitzer Engineering Laboratories	4/26/2014 12:52 PM
16	Digilent Inc. WSU SGDRIL	4/17/2014 9:35 AM
17	The Boeing Company	4/16/2014 5:25 PM
18	N/A	4/16/2014 2:50 PM
19	The Boeing Company	4/16/2014 1:45 PM
20	N/A	4/16/2014 12:39 PM
21	N/A	4/16/2014 11:37 AM
22	Tacoma Power	4/16/2014 9:20 AM
23	N/A	4/16/2014 9:11 AM

Exit Interview Milestone

Q22 How did you get the internship(s) (e.g., career fair, faculty recommendation, applied online, etc.)?

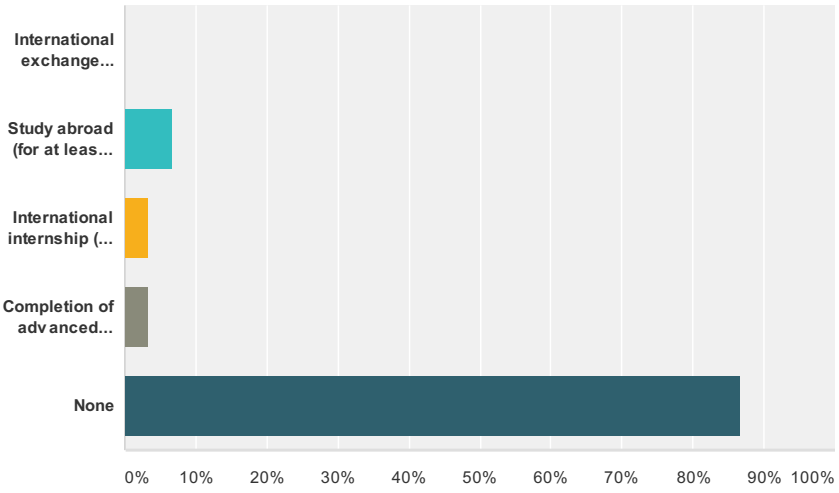
Answered: 23 Skipped: 7

#	Responses	Date
1	faculty recommendation	6/2/2014 10:45 AM
2	not appicable	5/30/2014 7:27 AM
3	n/a	5/25/2014 4:10 AM
4	I applied online.	5/6/2014 3:39 PM
5	Applied online	5/5/2014 4:42 PM
6	Online application	5/5/2014 10:25 AM
7	didnt receive any internship	5/4/2014 12:42 PM
8	Through a friend	5/3/2014 7:12 AM
9	n/a please fixes this i answered no	5/2/2014 8:51 PM
10	Applied online.	5/1/2014 7:01 PM
11	Friend's recommendation, leading to an application and interview	5/1/2014 1:30 PM
12	N/A	4/29/2014 5:23 PM
13	Faculty recommendation	4/29/2014 1:13 PM
14	Applied Online	4/28/2014 2:59 PM
15	Started working at SEL in highschool due to a highschool engineering project.	4/26/2014 12:52 PM
16	They both were with Faculty that teach at WSU	4/17/2014 9:35 AM
17	Applied Online	4/16/2014 5:25 PM
18	N/A	4/16/2014 2:50 PM
19	applied online	4/16/2014 1:45 PM
20	N/A	4/16/2014 12:39 PM
21	N/A	4/16/2014 11:37 AM
22	Career Fair	4/16/2014 9:20 AM
23	I meet them at the career fair, but was not offered any internships.	4/16/2014 9:11 AM

Exit Interview Milestone

Q23 International experiences are activities that help develop competencies for living or working in another country. Please check any international experiences you have had during your undergraduate studies. [check all that apply]

Answered: 30 Skipped: 0



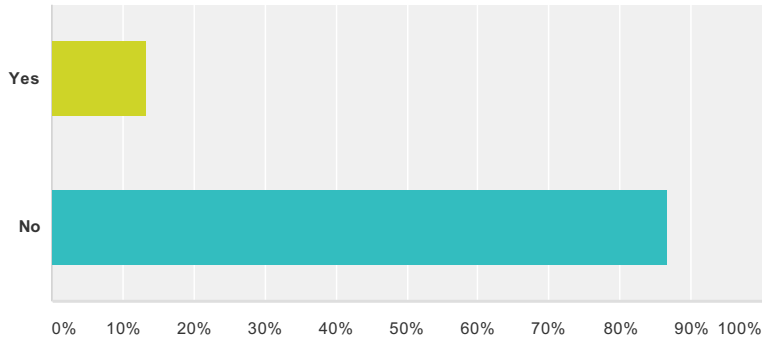
Answer Choices	Responses	
International exchange program (for at least one semester)	**0.00%**	0
Study abroad (for at least one semester)	**6.67%**	2
International internship (for at least one semester)	**3.33%**	1
Completion of advanced foreign language course (300-level or higher)	**3.33%**	1
None	**86.67%**	26
Total Respondents: 30		

#	Other (please specify)	Date
1	I immersed my self in international culture at WSU and my community college	5/2/2014 8:52 PM
2	Study abroad for one month	4/16/2014 9:20 AM

Exit Interview Milestone

Q24 Undergraduate research is defined as formal research done under the guidance of a faculty member or professional in your field outside of the work done in your required classes and electives. Did you do undergraduate research?

Answered: 30 Skipped: 0



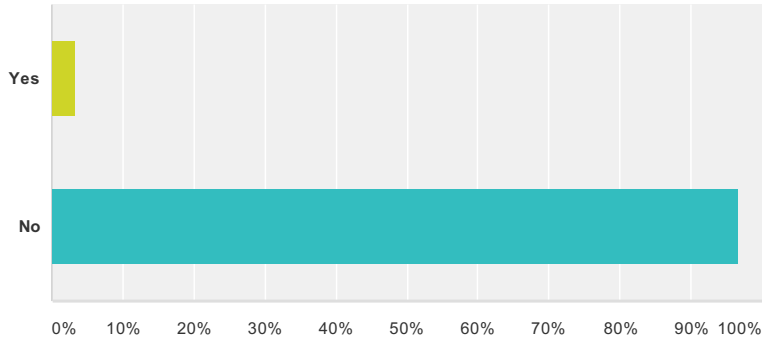
Answer Choices	Responses	
Yes	**13.33%**	4
No	**86.67%**	26
Total		**30**

#	If yes, which faculty member(s) did you work with? Please describe your research experience.	Date
1	Deuk Heo	6/2/2014 10:46 AM
2	I worked with Dr. Pedrow, Dr. Mehrizi-Sani, Dr. Ha, and Dr. Leachman. I worked on characterizing fuel cell transients and developing a mathematical model. There was not enough support from faculty to develop a model for such a complex and nonlinear system.	5/5/2014 10:31 AM
3	Dr. Sandip Roy, I worked temporarily on a project involving air traffic simulation. I learned some skills from using MATLAB and also the abstract thinking that was necessary to construct the project.	4/29/2014 1:14 PM
4	Saugata Biswas Anurag Sivastava WSU SGDRIL My job was to generate and run tests on the performance of PMU's from different manufacturers under non ideal operating conditions and dynamic operating conditions.	4/17/2014 9:38 AM

Exit Interview Milestone

Q25 Did you particiate in the National Science Foundation's Research Experience for Undergraduates (REU) program?

Answered: 30 Skipped: 0



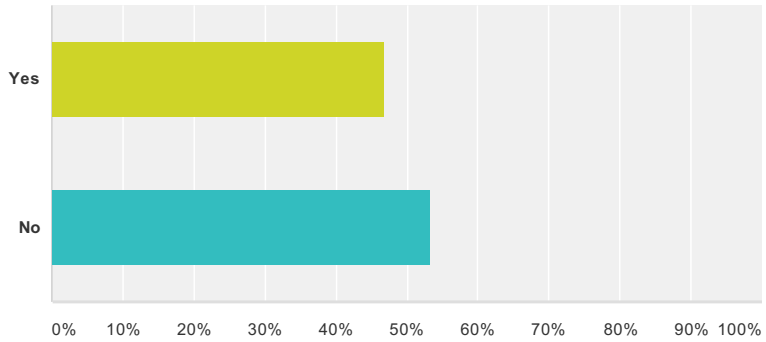
Answer Choices	Responses	
Yes	**3.33%**	1
No	**96.67%**	29
Total		**30**

#	If yes, where?	Date
1	Washington State University	6/2/2014 10:46 AM

Exit Interview Milestone

Q26 Are you a member of a professional society (e.g., IEEE, ACM, etc)?

Answered: 30 Skipped: 0



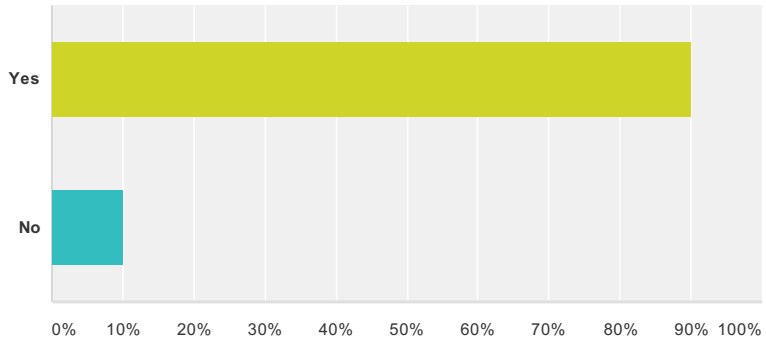
Answer Choices	Responses	
Yes	**46.67%**	14
No	**53.33%**	16
Total		**30**

#	Which ones?	Date
1	IEEE	5/12/2014 5:34 PM
2	IEEE	5/6/2014 3:41 PM
3	IEEE	5/5/2014 10:31 AM
4	IEEE	5/3/2014 7:13 AM
5	IEEE,	5/2/2014 8:53 PM
6	ASME, IEEE, ASES	5/1/2014 7:01 PM
7	IEEE, Tau Beta Pi	5/1/2014 1:31 PM
8	IEEE	4/29/2014 5:25 PM
9	IEEE	4/29/2014 1:14 PM
10	Was a member of IEEE	4/17/2014 9:38 AM
11	IEEE and SWE	4/16/2014 9:21 AM

Exit Interview Milestone

Q27 Have you sought and applied for employment to begin after graduation?

Answered: 30 Skipped: 0

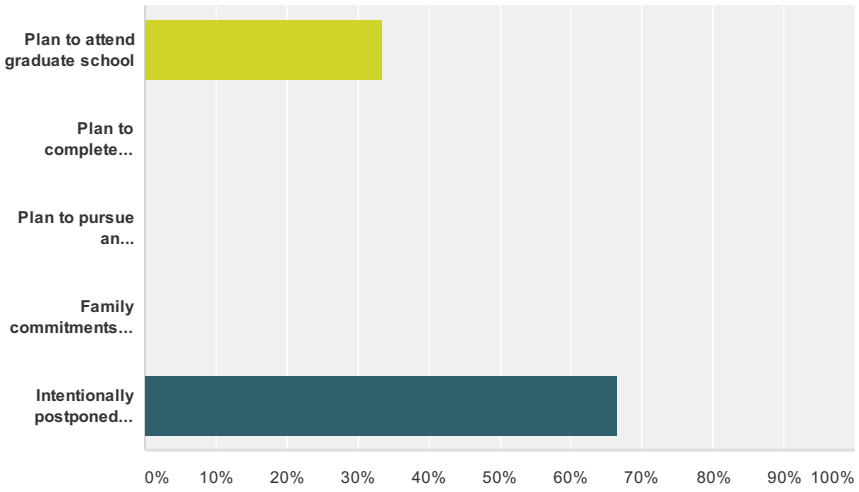


Answer Choices	Responses	
Yes	**90.00%**	27
No	**10.00%**	3
Total		**30**

Exit Interview Milestone

Q28 For what reason(s) did you not seek employment? [check all that apply]

Answered: 3 Skipped: 27



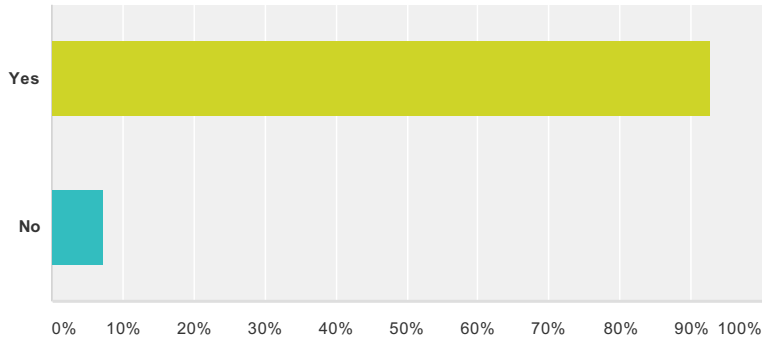
Answer Choices	Responses	
Plan to attend graduate school	**33.33%**	1
Plan to complete another undergraduate degree	**0.00%**	0
Plan to pursue an entrepreneurial/self-employment endeavor	**0.00%**	0
Family commitments prevent job search	**0.00%**	0
Intentionally postponed search with intention to begin search in near future	**66.67%**	2
Total Respondents: 3		

#	Other (please specify)	Date
	There are no responses.	

Exit Interview Milestone

Q29 Did you participate in career fairs?

Answered: 27 Skipped: 3

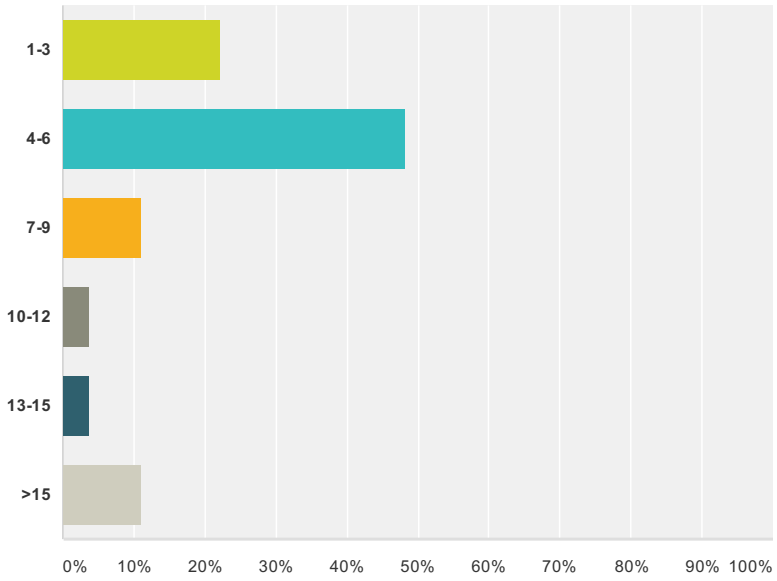


Answer Choices	Responses	
Yes	**92.59%**	25
No	**7.41%**	2
Total		**27**

Exit Interview Milestone

Q30 How many companies/organizations did you contact about employment?

Answered: 27 Skipped: 3

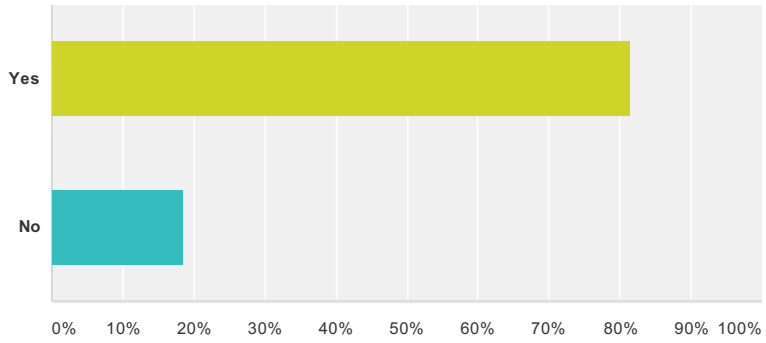


Answer Choices	Responses	
1-3	**22.22%**	6
4-6	**48.15%**	13
7-9	**11.11%**	3
10-12	**3.70%**	1
13-15	**3.70%**	1
>15	**11.11%**	3
Total		**27**

Exit Interview Milestone

Q31 Did you get any interviews?

Answered: 27 Skipped: 3



Answer Choices	Responses	
Yes	**81.48%**	22
No	**18.52%**	5
Total		**27**

Exit Interview Milestone

Q32 List the companies/organizations with which you interviewed.

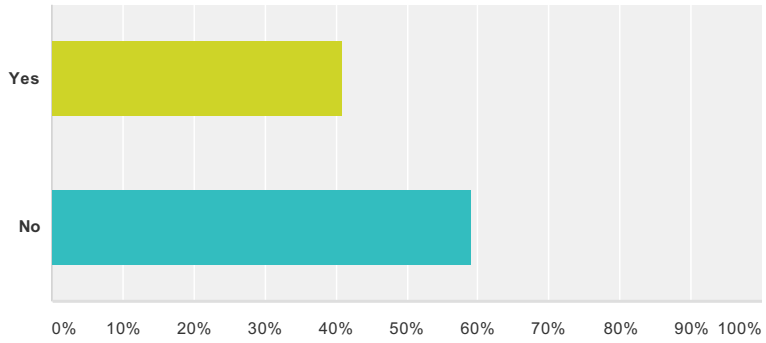
Answered: 22 Skipped: 8

#	Responses	Date
1	Eaton	5/30/2014 7:28 AM
2	eaton, chnieder Electric and many more	5/25/2014 4:10 AM
3	TOYOTA	5/12/2014 5:35 PM
4	Douglas County PUD	5/6/2014 3:42 PM
5	Boeing, Blue Origin	5/5/2014 10:32 AM
6	Simpson Tacoma Kraft	5/4/2014 5:17 PM
7	Micron	5/3/2014 7:13 AM
8	Avista Tacoma power Seattle city light	5/2/2014 8:54 PM
9	British Petroleum Corporation ConAgra Foods Georgia Pacific Schweitzer Engineering Laboratories National Rural Electric Cooperative Association Power Engineers Umatilla Electric Cooperative NV Energy	5/1/2014 7:01 PM
10	Bonneville Power Administration Micron NAVAIR NAVSEA	5/1/2014 1:32 PM
11	Traylor Bro. Inc Avista Utilities	4/29/2014 5:26 PM
12	SEL, Micron, Garmin, Digilent.	4/29/2014 1:14 PM
13	Intro Inc.	4/28/2014 3:00 PM
14	NAVAIR BNSF	4/22/2014 10:12 PM
15	Schwitzer Engineering Labs Hewlet Packard	4/17/2014 9:39 AM
16	The Boeing Company	4/16/2014 5:27 PM
17	Boeing Potelco Sparling	4/16/2014 2:53 PM
18	The Boeing Company Micron Microsoft Marvell	4/16/2014 1:46 PM
19	Black & Veatch	4/16/2014 12:39 PM
20	Umatilla Electric Co-op	4/16/2014 11:38 AM
21	Avista, Anvil Corp, BPA, Tacoma Power	4/16/2014 9:21 AM
22	Puget Sound Naval Shipyard NAVSEA	4/16/2014 9:11 AM

Exit Interview Milestone

Q33 Did you receive any job offers?

Answered: 22 Skipped: 8



Answer Choices	Responses	
Yes	**40.91%**	9
No	**59.09%**	13
Total		**22**

Exit Interview Milestone

Q34 List the companies/organizations that offered you a job.

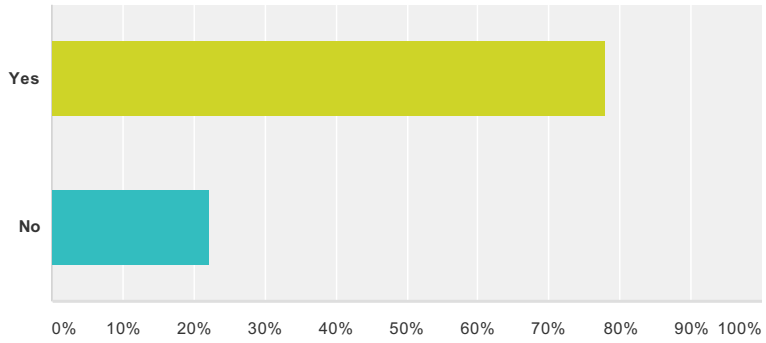
Answered: 9 Skipped: 21

#	Responses	Date
1	Boeing, Blue Origin	5/5/2014 10:33 AM
2	Umatilla Electric Cooperative	5/1/2014 7:01 PM
3	NAVAIR NAVSEA	5/1/2014 1:33 PM
4	BNSF	4/22/2014 10:12 PM
5	The Boeing Company	4/16/2014 5:27 PM
6	Potelco	4/16/2014 2:58 PM
7	The Boeing Comapny Micron	4/16/2014 1:46 PM
8	Anvil Corp	4/16/2014 9:21 AM
9	NAVSEA	4/16/2014 9:12 AM

Exit Interview Milestone

Q35 Did you accept a job offer?

Answered: 9 Skipped: 21

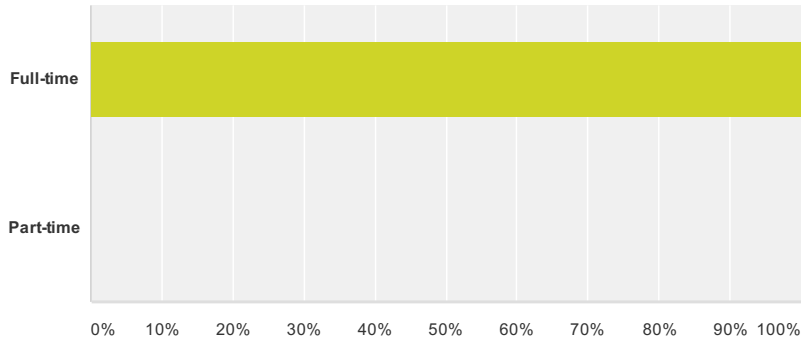


Answer Choices	Responses	
Yes	**77.78%**	7
No	**22.22%**	2
Total		**9**

Exit Interview Milestone

Q36 Is the position you were offered full or part-time?

Answered: 9 Skipped: 21

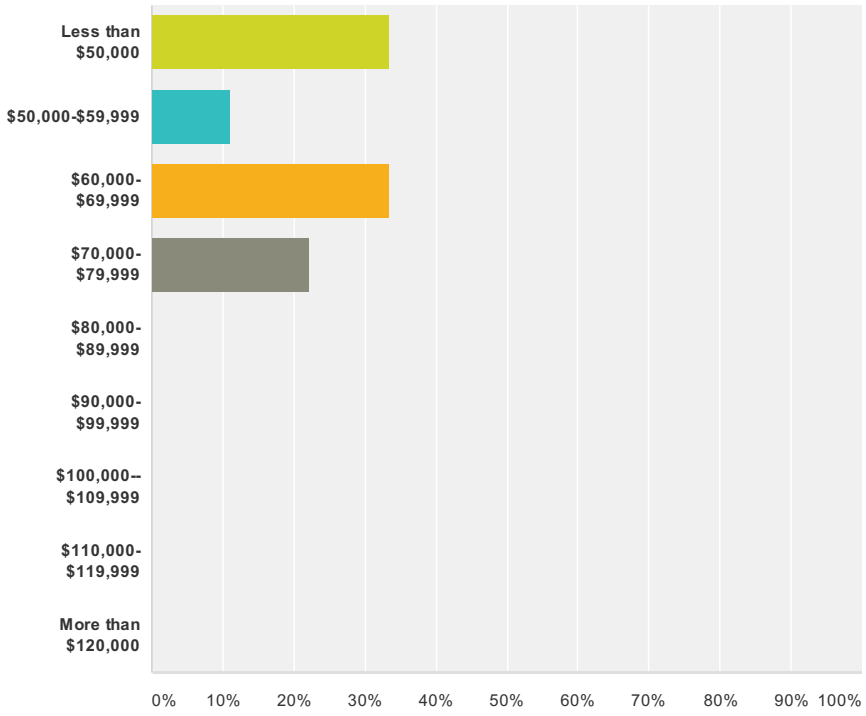


Answer Choices	Responses	
Full-time	**100.00%**	9
Part-time	**0.00%**	0
Total		**9**

Exit Interview Milestone

Q37 Please indicate the starting salary range for the position you were offered.

Answered: 9 Skipped: 21



Answer Choices	Responses	
Less than $50,000	33.33%	3
$50,000-$59,999	11.11%	1
$60,000- $69,999	33.33%	3
$70,000- $79,999	22.22%	2
$80,000- $89,999	0.00%	0
$90,000- $99,999	0.00%	0
$100,000-- $109,999	0.00%	0
$110,000- $119,999	0.00%	0
More than $120,000	0.00%	0
Total		**9**

#	Less than 50K or more than 120K please explain	Date
1	Two year entry period on government pay scale, increases each year for the first two years to reach the $60,000-$69,999 range after two years.	5/1/2014 1:33 PM
2	33K for first 6 months (intern pay) then 49K after 6 months are up.	4/16/2014 2:58 PM
3	Roughly 45k	4/16/2014 9:12 AM

Exit Interview Milestone

Q38 If you did not accept the job offer(s), please explain why.

Answered: 2 Skipped: 28

#	Responses	Date
1	The second job I got offered from Boeing was not an engineering job. It was for a project administrator position. I did not apply for that job they found me on ELOA in the Boeing system. They also offered me less then I was earning in my internship the summer prior. The first job I got offered was from my manager in which I did my internship with and it was a power engineering position. I did not choose the power track, and I am looking for a position in aviation or electronics.	4/16/2014 5:29 PM
2	I need to pass security clearance before I can accept the offer.	4/16/2014 9:12 AM

Exit Interview Milestone

Q39 Which company's/organization's offer did you accept?

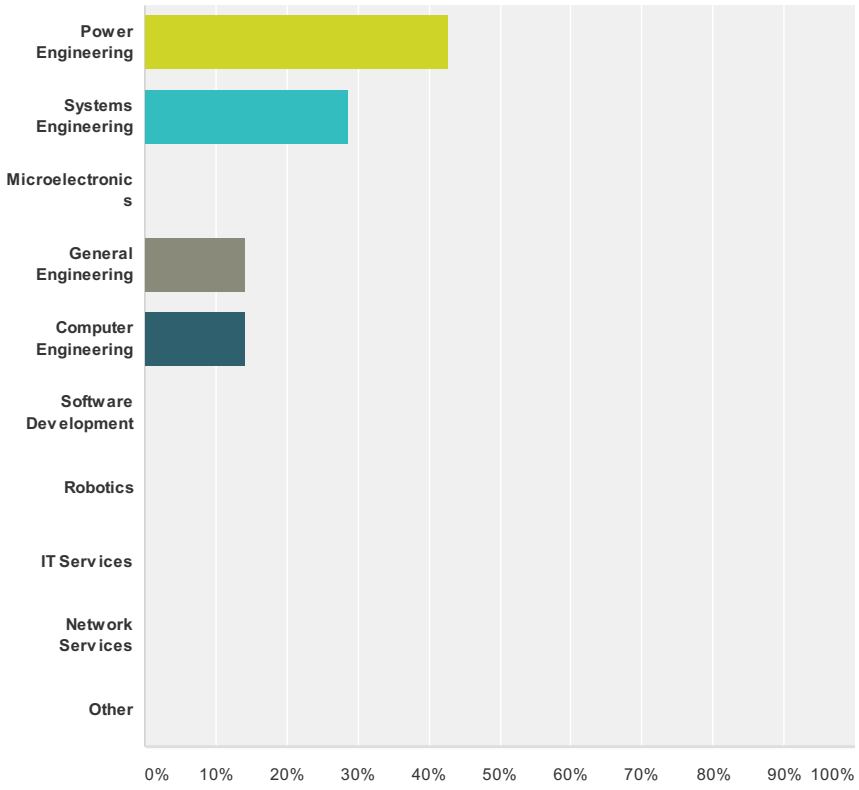
Answered: 7 Skipped: 23

Answer Choices	Responses	
Company:	100.00%	7
City/Town:	100.00%	7
State/Province:	100.00%	7
Country:	100.00%	7

#	Company:	Date
1	Blue Origin	5/5/2014 10:33 AM
2	Umatilla Electric Cooperative	5/1/2014 7:01 PM
3	NAVAIR	5/1/2014 1:35 PM
4	BNSF	4/22/2014 10:13 PM
5	Potelco	4/16/2014 3:01 PM
6	The Boeing Company	4/16/2014 1:47 PM
7	Anvil Corp	4/16/2014 9:22 AM
#	City/Town:	Date
1	Kent	5/5/2014 10:33 AM
2	Hermiston	5/1/2014 7:01 PM
3	Keyport	5/1/2014 1:35 PM
4	Topeka	4/22/2014 10:13 PM
5	Redmond	4/16/2014 3:01 PM
6	Kent	4/16/2014 1:47 PM
7	Bellingham	4/16/2014 9:22 AM
#	State/Province:	Date
1	WA	5/5/2014 10:33 AM
2	OR	5/1/2014 7:01 PM
3	WA	5/1/2014 1:35 PM
4	Kansas	4/22/2014 10:13 PM
5	WA	4/16/2014 3:01 PM
6	WA	4/16/2014 1:47 PM
7	WA	4/16/2014 9:22 AM
#	Country:	Date
1	United States	5/5/2014 10:33 AM
2	USA	5/1/2014 7:01 PM
3	USA	5/1/2014 1:35 PM
4	USA	4/22/2014 10:13 PM
5	United States	4/16/2014 3:01 PM
6	US	4/16/2014 1:47 PM
7	United States	4/16/2014 9:22 AM

Q40 Which area of emphasis will your job duties primarily focus on?

Answered: 7 Skipped: 23



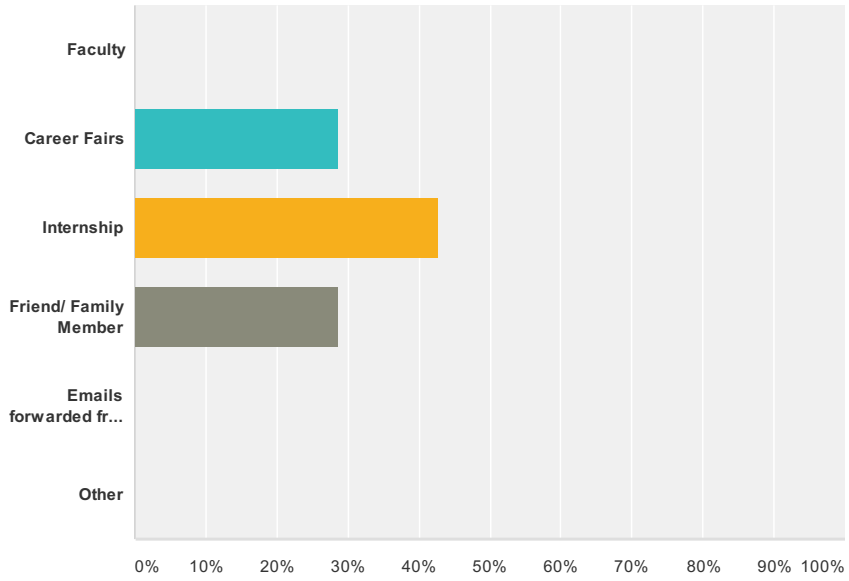
Answer Choices	Responses	
Power Engineering	**42.86%**	3
Systems Engineering	**28.57%**	2
Microelectronics	**0.00%**	0
General Engineering	**14.29%**	1
Computer Engineering	**14.29%**	1
Software Development	**0.00%**	0
Robotics	**0.00%**	0
IT Services	**0.00%**	0
Network Services	**0.00%**	0
Other	**0.00%**	0
Total		**7**

#	Other (CptS, EE or CptE related areas -please specify)	Date
	There are no responses.	

Exit Interview Milestone

Q41 What or who helped the most with your job placement?

Answered: 7 Skipped: 23



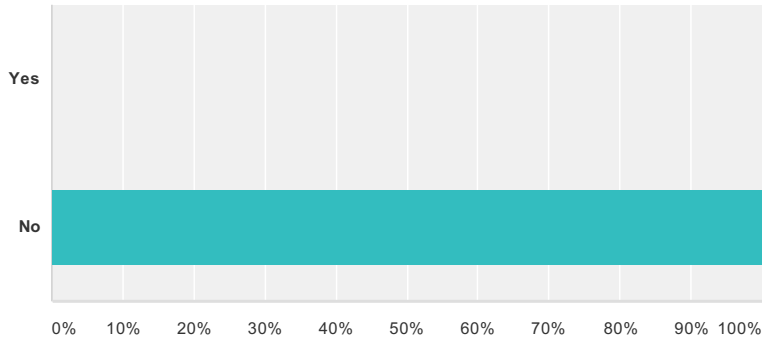
Answer Choices	Responses	
Faculty	**0.00%**	0
Career Fairs	**28.57%**	2
Internship	**42.86%**	3
Friend/ Family Member	**28.57%**	2
Emails forwarded from Advisor	**0.00%**	0
Other	**0.00%**	0
Total		**7**

#	Other (please specify)	Date
1	My own knowledge and experiences	5/1/2014 1:35 PM

Exit Interview Milestone

Q42 Have you applied for graduate school?

Answered: 30 Skipped: 0



Answer Choices	Responses	
Yes	**0.00%**	0
No	**100.00%**	30
Total		**30**

Exit Interview Milestone

Q43 Have you been accepted to graduate school?

Answered: 0 Skipped: 30

! No matching responses.

Answer Choices	Responses	
Yes	**0.00%**	0
No	**0.00%**	0
Total		**0**

Exit Interview Milestone

Q44 List where you have been accepted to graduate school. (Please provide name of school and program.)

Answered: 0 Skipped: 30

#	Responses	Date
	There are no responses.	

Exit Interview Milestone

Q45 If you plan to attend graduate school, please indicate the one you will attend. (If you will not attend any, please explain why.)

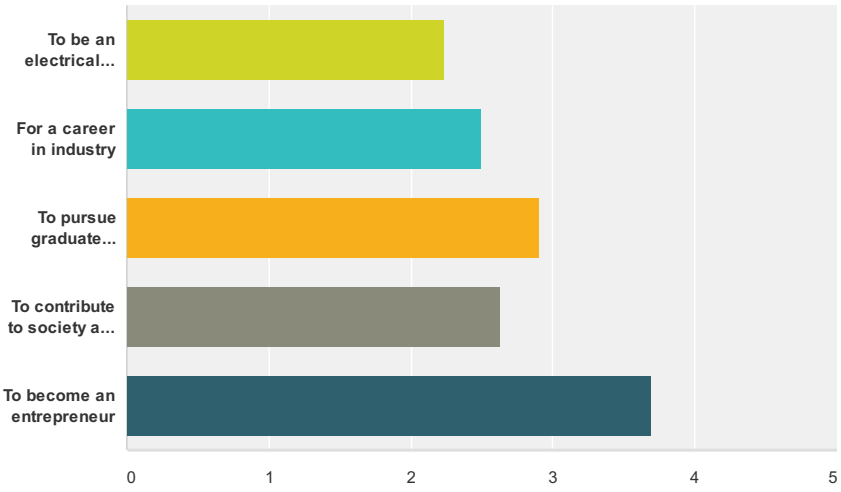
Answered: 0 Skipped: 30

#	Responses	Date
	There are no responses.	

Exit Interview Milestone

Q46 Please rate the quality of the EECS program in helping to prepare you:

Answered: 30 Skipped: 0

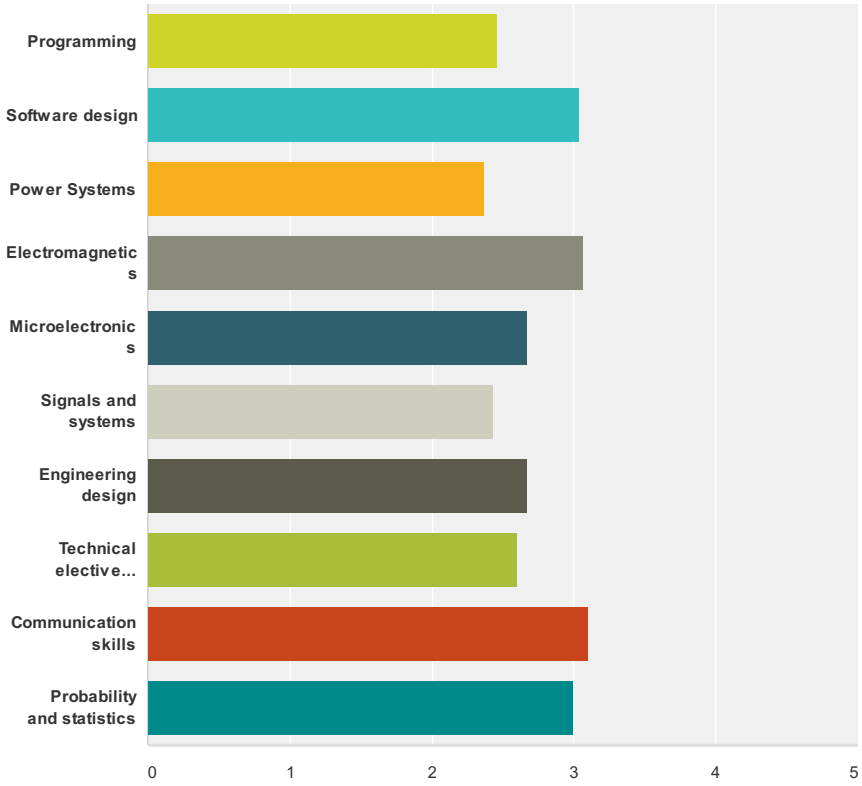


	Excellent	Very Good	Good	Fair	Poor	Total	Average Rating
To be an electrical engineer, computer engineer, or computer scientist	**20.00%** 6	**50.00%** 15	**16.67%** 5	**13.33%** 4	**0.00%** 0	30	2.23
For a career in industry	**20.00%** 6	**33.33%** 10	**26.67%** 8	**16.67%** 5	**3.33%** 1	30	2.50
To pursue graduate studies	**0.00%** 0	**46.67%** 14	**23.33%** 7	**23.33%** 7	**6.67%** 2	30	2.90
To contribute to society as a professional	**16.67%** 5	**26.67%** 8	**36.67%** 11	**16.67%** 5	**3.33%** 1	30	2.63
To become an entrepreneur	**3.33%** 1	**10.00%** 3	**30.00%** 9	**26.67%** 8	**30.00%** 9	30	3.70

Exit Interview Milestone

Q47 Please rate the emphasis currently given to the following areas in the EECS program (choose N/A if not applicable).

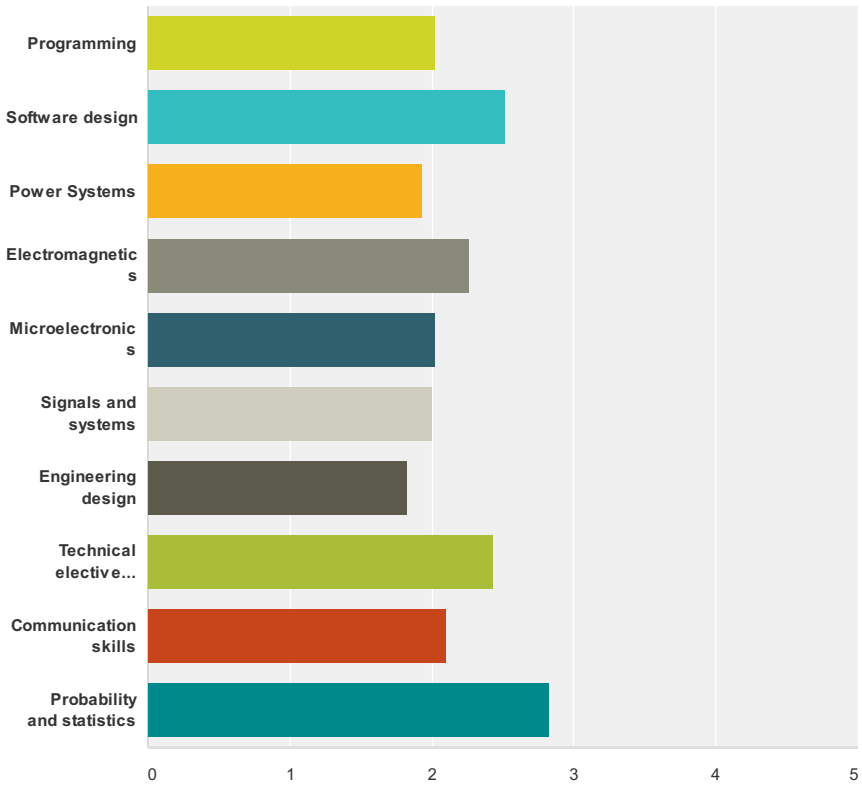
Answered: 30 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Programming	**20.00%** 6	**30.00%** 9	**26.67%** 8	**13.33%** 4	**3.33%** 1	**6.67%** 2	30	2.46
Software design	**6.67%** 2	**13.33%** 4	**33.33%** 10	**16.67%** 5	**6.67%** 2	**23.33%** 7	30	3.04
Power Systems	**26.67%** 8	**26.67%** 8	**33.33%** 10	**10.00%** 3	**3.33%** 1	**0.00%** 0	30	2.37
Electromagnetics	**6.67%** 2	**23.33%** 7	**40.00%** 12	**16.67%** 5	**13.33%** 4	**0.00%** 0	30	3.07
Microelectronics	**16.67%** 5	**26.67%** 8	**33.33%** 10	**20.00%** 6	**3.33%** 1	**0.00%** 0	30	2.67
Signals and systems	**20.00%** 6	**33.33%** 10	**30.00%** 9	**16.67%** 5	**0.00%** 0	**0.00%** 0	30	2.43
Engineering design	**20.00%** 6	**23.33%** 7	**33.33%** 10	**16.67%** 5	**6.67%** 2	**0.00%** 0	30	2.67
Technical elective courses	**13.33%** 4	**33.33%** 10	**33.33%** 10	**20.00%** 6	**0.00%** 0	**0.00%** 0	30	2.60
Communication skills	**6.67%** 2	**20.00%** 6	**36.67%** 11	**23.33%** 7	**10.00%** 3	**3.33%** 1	30	3.10
Probability and statistics	**10.00%** 3	**23.33%** 7	**33.33%** 10	**23.33%** 7	**10.00%** 3	**0.00%** 0	30	3.00

Q48 Please rate the emphasis that should be given to the following topics in practice of Electrical Engineering/ Computer Engineering/ Computer Science (choose N/A if not applicable).

Answered: 30 Skipped: 0

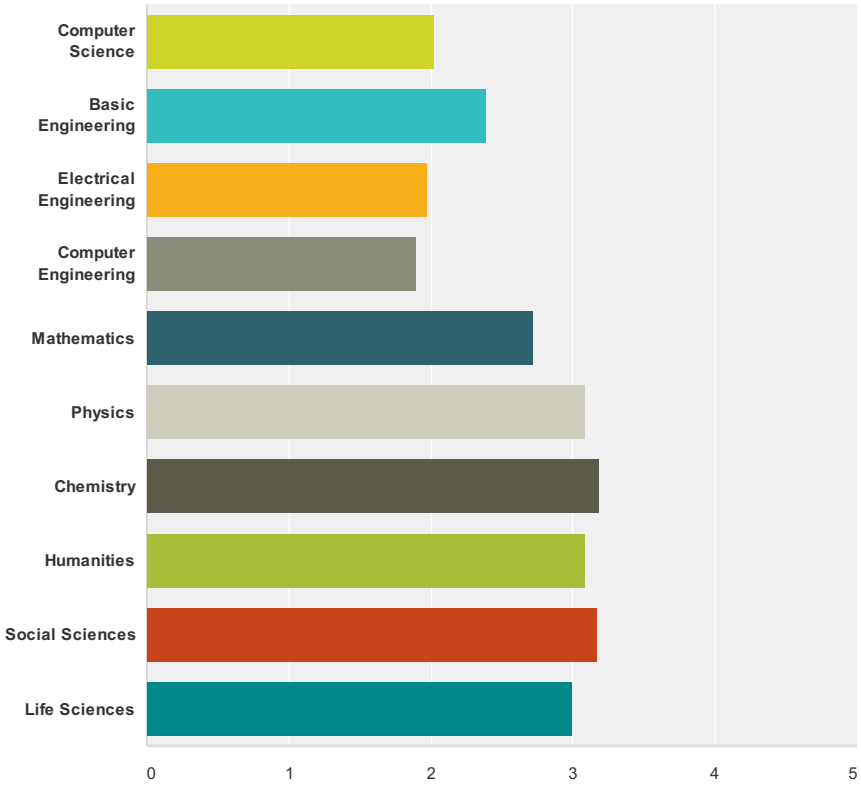


	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Programming	**41.38%** 12	**27.59%** 8	**20.69%** 6	**6.90%** 2	**3.45%** 1	**0.00%** 0	29	2.03
Software design	**16.67%** 5	**20.00%** 6	**33.33%** 10	**13.33%** 4	**0.00%** 0	**16.67%** 5	30	2.52
Power Systems	**33.33%** 10	**43.33%** 13	**20.00%** 6	**3.33%** 1	**0.00%** 0	**0.00%** 0	30	1.93
Electromagnetics	**20.00%** 6	**36.67%** 11	**40.00%** 12	**3.33%** 1	**0.00%** 0	**0.00%** 0	30	2.27
Microelectronics	**26.67%** 8	**46.67%** 14	**23.33%** 7	**3.33%** 1	**0.00%** 0	**0.00%** 0	30	2.03
Signals and systems	**30.00%** 9	**43.33%** 13	**23.33%** 7	**3.33%** 1	**0.00%** 0	**0.00%** 0	30	2.00
Engineering design	**46.67%** 14	**26.67%** 8	**23.33%** 7	**3.33%** 1	**0.00%** 0	**0.00%** 0	30	1.83
Technical elective courses	**20.00%** 6	**26.67%** 8	**46.67%** 14	**3.33%** 1	**3.33%** 1	**0.00%** 0	30	2.43
Communication skills	**30.00%** 9	**36.67%** 11	**26.67%** 8	**6.67%** 2	**0.00%** 0	**0.00%** 0	30	2.10
Probability and statistics	**13.33%** 4	**23.33%** 7	**33.33%** 10	**26.67%** 8	**3.33%** 1	**0.00%** 0	30	2.83

Exit Interview Milestone

Q49 Please rate the quality of instruction and support you received from faculty in the following areas (choose N/A if not applicable):

Answered: 30 Skipped: 0

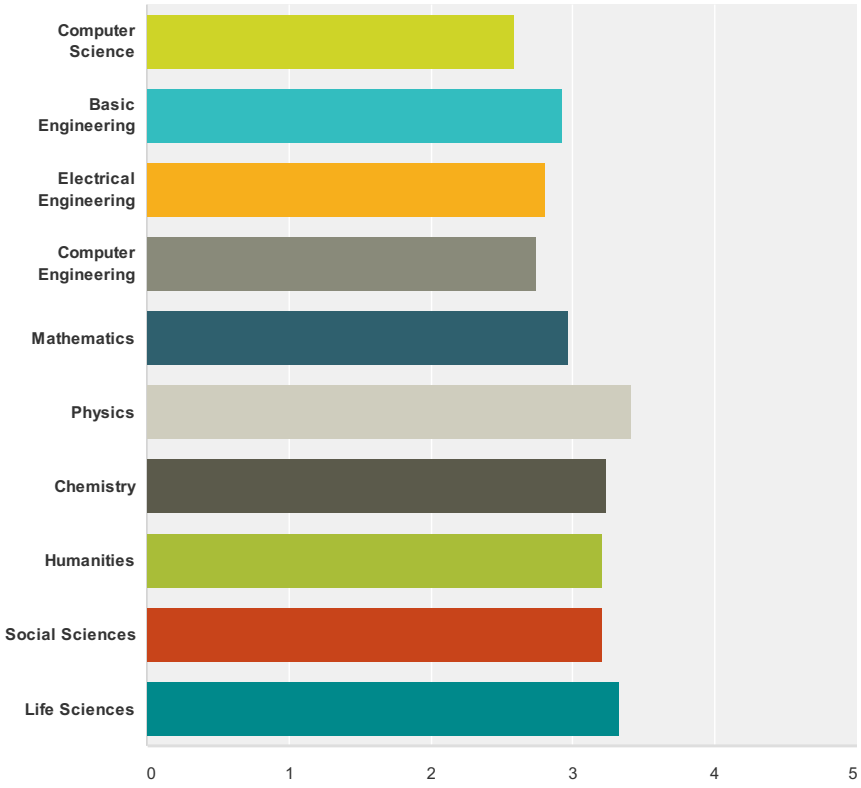


	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	**43.33%** 13	**20.00%** 6	**20.00%** 6	**13.33%** 4	**0.00%** 0	**3.33%** 1	30	2.03
Basic Engineering	**20.00%** 6	**23.33%** 7	**43.33%** 13	**6.67%** 2	**0.00%** 0	**6.67%** 2	30	2.39
Electrical Engineering	**26.67%** 8	**50.00%** 15	**23.33%** 7	**0.00%** 0	**0.00%** 0	**0.00%** 0	30	1.97
Computer Engineering	**23.33%** 7	**30.00%** 9	**10.00%** 3	**3.33%** 1	**0.00%** 0	**33.33%** 10	30	1.90
Mathematics	**10.00%** 3	**33.33%** 10	**33.33%** 10	**13.33%** 4	**6.67%** 2	**3.33%** 1	30	2.72
Physics	**6.67%** 2	**13.33%** 4	**26.67%** 8	**20.00%** 6	**6.67%** 2	**26.67%** 8	30	3.09
Chemistry	**3.33%** 1	**23.33%** 7	**13.33%** 4	**23.33%** 7	**10.00%** 3	**26.67%** 8	30	3.18
Humanities	**3.33%** 1	**20.00%** 6	**30.00%** 9	**13.33%** 4	**10.00%** 3	**23.33%** 7	30	3.09
Social Sciences	**0.00%** 0	**20.00%** 6	**33.33%** 10	**13.33%** 4	**10.00%** 3	**23.33%** 7	30	3.17
Life Sciences	**0.00%** 0	**26.67%** 8	**26.67%** 8	**13.33%** 4	**6.67%** 2	**26.67%** 8	30	3.00

Exit Interview Milestone

Q50 Please rate the quality of the instruction and support you received from teaching assistants in the following areas (choose N/A if not applicable):

Answered: 30 Skipped: 0

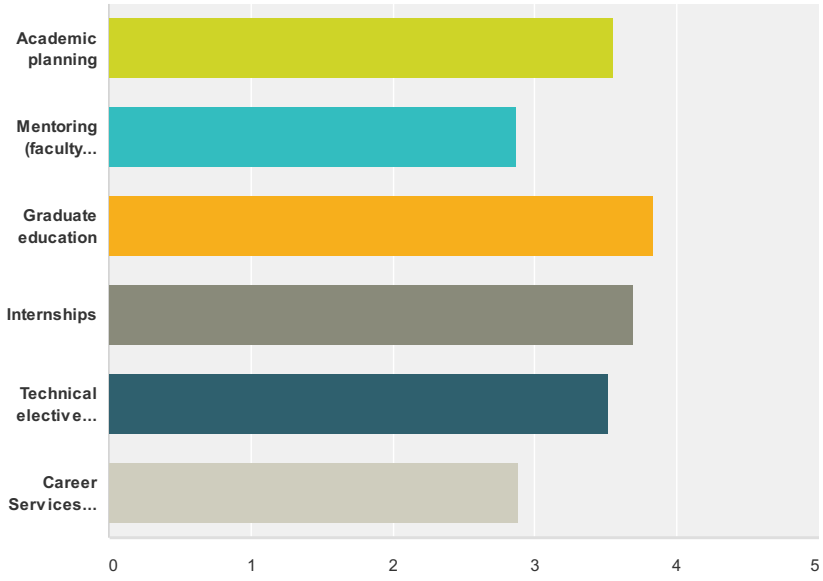


	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Computer Science	**13.33%** 4	**33.33%** 10	**23.33%** 7	**16.67%** 5	**3.33%** 1	**10.00%** 3	30	2.59
Basic Engineering	**10.00%** 3	**23.33%** 7	**20.00%** 6	**23.33%** 7	**6.67%** 2	**16.67%** 5	30	2.92
Electrical Engineering	**6.67%** 2	**26.67%** 8	**33.33%** 10	**16.67%** 5	**3.33%** 1	**13.33%** 4	30	2.81
Computer Engineering	**6.67%** 2	**13.33%** 4	**23.33%** 7	**6.67%** 2	**3.33%** 1	**46.67%** 14	30	2.75
Mathematics	**13.33%** 4	**16.67%** 5	**20.00%** 6	**26.67%** 8	**6.67%** 2	**16.67%** 5	30	2.96
Physics	**3.33%** 1	**20.00%** 6	**6.67%** 2	**30.00%** 9	**13.33%** 4	**26.67%** 8	30	3.41
Chemistry	**6.67%** 2	**13.33%** 4	**16.67%** 5	**23.33%** 7	**10.00%** 3	**30.00%** 9	30	3.24
Humanities	**0.00%** 0	**13.33%** 4	**20.00%** 6	**10.00%** 3	**6.67%** 2	**50.00%** 15	30	3.20
Social Sciences	**0.00%** 0	**13.33%** 4	**20.00%** 6	**10.00%** 3	**6.67%** 2	**50.00%** 15	30	3.20
Life Sciences	**0.00%** 0	**10.00%** 3	**20.00%** 6	**13.33%** 4	**6.67%** 2	**50.00%** 15	30	3.33

Exit Interview Milestone

Q51 Please rate the quality of advising you received as it relates to the following topics (choose N/A if not applicable):

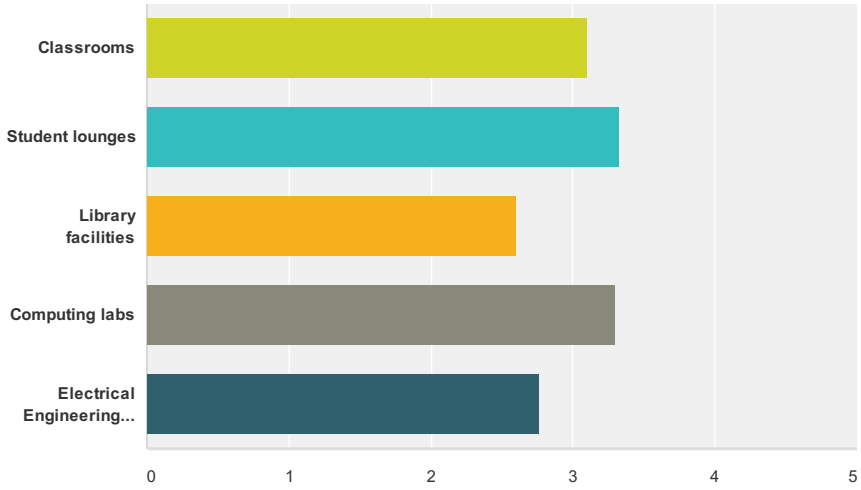
Answered: 30 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Academic planning	**3.33%** 1	**16.67%** 5	**36.67%** 11	**3.33%** 1	**36.67%** 11	**3.33%** 1	30	3.55
Mentoring (faculty mentors)	**16.67%** 5	**33.33%** 10	**16.67%** 5	**13.33%** 4	**20.00%** 6	**0.00%** 0	30	2.87
Graduate education	**0.00%** 0	**6.67%** 2	**16.67%** 5	**16.67%** 5	**20.00%** 6	**40.00%** 12	30	3.83
Internships	**3.33%** 1	**10.00%** 3	**23.33%** 7	**10.00%** 3	**30.00%** 9	**23.33%** 7	30	3.70
Technical elective courses	**0.00%** 0	**10.00%** 3	**40.00%** 12	**13.33%** 4	**20.00%** 6	**16.67%** 5	30	3.52
Career Services (career fairs, CACD)	**13.33%** 4	**16.67%** 5	**33.33%** 10	**13.33%** 4	**10.00%** 3	**13.33%** 4	30	2.88

Q52 Please rate the quality of the following instructional facilities (choose N/A if not applicable):

Answered: 30 Skipped: 0

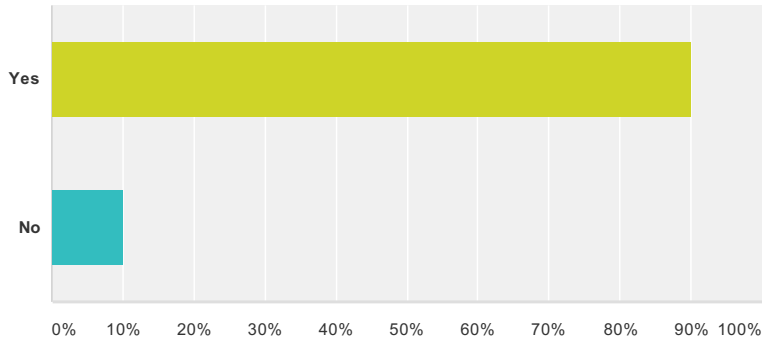


	Excellent	Very Good	Good	Fair	Poor	N/A	Total	Average Rating
Classrooms	13.33% 4	6.67% 2	50.00% 15	16.67% 5	13.33% 4	0.00% 0	30	3.10
Student lounges	10.00% 3	16.67% 5	16.67% 5	43.33% 13	13.33% 4	0.00% 0	30	3.33
Library facilities	13.33% 4	23.33% 7	53.33% 16	10.00% 3	0.00% 0	0.00% 0	30	2.60
Computing labs	10.00% 3	10.00% 3	33.33% 10	33.33% 10	13.33% 4	0.00% 0	30	3.30
Electrical Engineering labs	20.00% 6	20.00% 6	26.67% 8	30.00% 9	3.33% 1	0.00% 0	30	2.77

Exit Interview Milestone

Q53 Would you recommend EECS to a friend or a relative?

Answered: 30 Skipped: 0

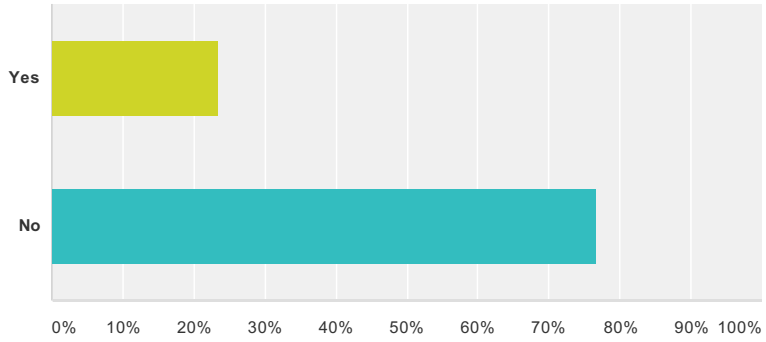


Answer Choices	Responses	
Yes	**90.00%**	27
No	**10.00%**	3
Total		**30**

Exit Interview Milestone

Q54 As an alum, are you willing to help with recruiting, fund raising, arranging alumni events or meetings?

Answered: 30 Skipped: 0



Answer Choices	Responses	
Yes	**23.33%**	7
No	**76.67%**	23
Total		**30**

Exit Interview Milestone

Q55 What would you say are the strengths of the WSU EECS program for your major?

Answered: 27 Skipped: 3

#	Responses	Date
1	Basic Fundamentals	6/2/2014 10:52 AM
2	Power Engineering is one best electrical engineering the instructors are great.	5/30/2014 7:43 AM
3	Power, control systems	5/29/2014 2:54 PM
4	lots of homework help you understand material	5/6/2014 5:09 PM
5	The strength of the WSU EECS program lies in its instructors. Professors like Sandip Roy, Brent Carper, Tim Hanshaw, Ali Mehrizi-Sani Ben Belzer, Thomas Fischer, Chen-Ching Liu, Patrick Pedrow and John Ringo are the best asset of the department.	5/6/2014 4:09 PM
6	There is a lot of focus on theoretical concepts to give students a strong foundation.	5/5/2014 11:19 AM
7	The power track courses seem to be well organized.	5/4/2014 5:29 PM
8	Good professors mostly.	5/3/2014 7:19 AM
9	the skilled facalty	5/2/2014 8:58 PM
10	Some of the TAs were good.	5/2/2014 6:11 PM
11	Professors that care!	5/1/2014 7:01 PM
12	Giving a good overview of electrical engineering. Professors and faculty with knowledge of how to use what we are learning.	5/1/2014 1:43 PM
13	There are some very good instructors for 300-400 level classes in electrical engineering.	4/29/2014 5:34 PM
14	The faculty members and their knowledge of expertise, the rigorous curriculum, and fellow engineering students.	4/29/2014 1:15 PM
15	Power Track	4/28/2014 3:05 PM
16	The strengths of the WSU EECS program stem from a few faculty who redeemed the program: Tim Hanshaw, Sandip Roy, Krishnamoorthy Sivakumar.	4/26/2014 1:04 PM
17	Professors are always willing to answer questions	4/22/2014 10:17 PM
18	Good teachers	4/19/2014 2:49 AM
19	WcSU has a strong tradition in Power Systems and Mechanical engineering. The strong math and programming back ground coupled with Its outstanding Power Program were the biggest assets to my education that WSU offered.	4/17/2014 9:50 AM
20	The senior design program is very beneficial, along with the career fairs give you a lot of opportunity to meet companies.	4/16/2014 5:42 PM
21	Power instructors Senior design allowed a time to put knowledge to real problems. Renewable Energy EE492	4/16/2014 4:24 PM
22	Good proffessors (O'fallon, Hanshaw, Fischer, Belzer, Ringo)	4/16/2014 1:50 PM
23	Very strong tenured professors in EE classes.	4/16/2014 12:40 PM
24	Many of the classes have retained a hands-on design element that encourages students to really understand the fundamentals underlying each course.	4/16/2014 11:57 AM
25	small class size, some great professors.	4/16/2014 11:46 AM
26	There are some very good teachers including Tim Handshaw, Ringo, Andy O'fallen, and Fisher that make you want to continue and succeed in your studies.	4/16/2014 9:30 AM
27	Most of the professors	4/16/2014 9:16 AM

Exit Interview Milestone

Q56 What would you say are the weaknesses of the WSU EECS program for your major?

Answered: 27 Skipped: 3

#	Responses	Date
1	Lack of hands on work. Lack of hands on design.	6/2/2014 10:52 AM
2	Integrating real world expectations to class lectures	5/30/2014 7:43 AM
3	Electromagnetic	5/29/2014 2:54 PM
4	foreign teacher accent hard to understand,lecture are boring	5/6/2014 5:09 PM
5	This is primarily aimed at the Power division of the EE program. I would say a few additional strong professors are needed to cover key courses.	5/6/2014 4:09 PM
6	There should be more emphasis on hardware labs.	5/5/2014 11:19 AM
7	There weren't many opportunities to work on group projects/ management instruction, outside of senior design.	5/4/2014 5:29 PM
8	Some professors are less good.	5/3/2014 7:19 AM
9	the facilitys	5/2/2014 8:58 PM
10	Real world application was lacking. Professors need to learn how to lecture.	5/2/2014 6:11 PM
11	Professors that don't care!	5/1/2014 7:01 PM
12	Covering advanced circuit design and making it clear how what is learned in class can be applied in the real world. Some professors that don't have practical experience in industry.	5/1/2014 1:43 PM
13	The instructors in the lower level electrical engineering(not including Tim Hanshaw or Andy O'Fallon) are not very helpful.	4/29/2014 5:34 PM
14	Can't think of one as of now.	4/29/2014 1:15 PM
15	Computer labs are horrible. Computer are really slow.	4/28/2014 3:05 PM
16	Real-life examples and practical implementation of concepts was one of the primary weaknesses of the WSU EECS program. Almost never were we taught HOW to implement a circuit or caveats of actual design. Additionally, many of the teachers are content with teaching formulas without coherent explanation (except for the three teachers mentioned above).	4/26/2014 1:04 PM
17	Advisor	4/22/2014 10:17 PM
18	sometimes unreasonable HWs	4/19/2014 2:49 AM
19	There were no weaknesses in either the computer Engineering or Electrical Engineering programs.	4/17/2014 9:50 AM
20	Some of the courses didn't have very experienced professors and so it made it hard to really learn the material.	4/16/2014 5:42 PM
21	Advising Focus on programming, cpts121 was enough, never used anything from cpts122 later on. No option for AutoCAD	4/16/2014 4:24 PM
22	Poor professors and poor advising	4/16/2014 1:50 PM
23	Post graduation assistance in job hunting. Math department at school is extremely weak with poor professors and even worse teaching assistants.	4/16/2014 12:40 PM
24	Classes have adopted a myriad of social media-like interfaces for no apparent reason. On a case-by-case basis it may look like things are getting more efficient. On the student end of things, it's a common complaint that its not -> Angel, Zussis, office 265, Zimbra, EECS dept, Facebook, Socialcast, OSBLE, independent websites. Choose *one*. Nine is ridiculous.	4/16/2014 11:57 AM
25	requiring students to take social science, history and other classes seemed like a waste of valuable time since there are many interesting EECS classes that could be taken.	4/16/2014 11:46 AM
26	The main weakness is poor advising. It is hard to choose classes when you have no information about them. Also advising appointments are a hassle and useless with the EECS adviser. You are spammed by the adviser and thus miss important things also when you try to get information about scholarships the adviser doesn't give you the information until the deadline to apply is past. There is also the problem of some poor teachers.	4/16/2014 9:30 AM
27	Most of the equipement	4/16/2014 9:16 AM

Exit Interview Milestone

Q57 What suggestions do you have for improving the WSU EECS program for your major?

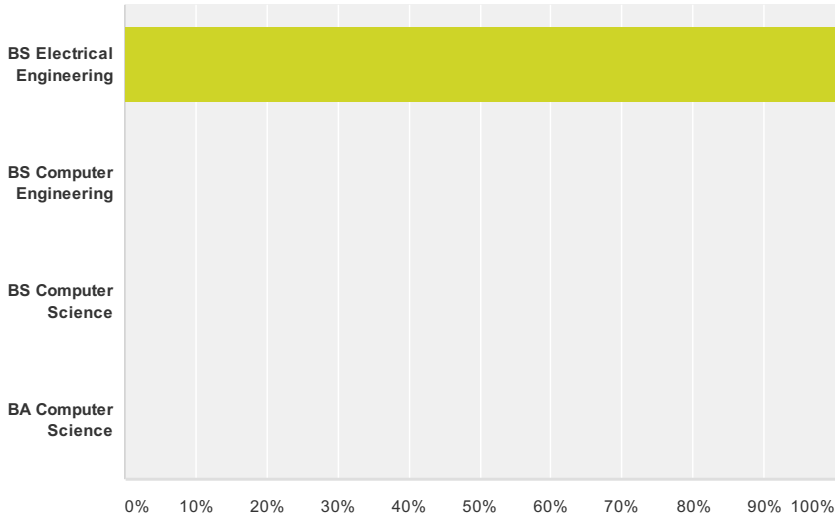
Answered: 26 Skipped: 4

#	Responses	Date
1	Increase hands on work.	6/2/2014 10:52 AM
2	More hands on experience should be incorporated with the theory classes so that students can see the value of the things they learn in class, compared to just learning it and just doing homework. I feel like the class lectures are little dis-attached from what students will expect in the industry. It sounds more technical but I highly believe that as an engineering students, we should also learn the technical part of the business and not just theory. I have known lots of students know how to solve the problem on paper with no problems but when it comes to putting things together in real life, they don't know how to do it, including myself.	5/30/2014 7:43 AM
3	improve accent and lecture	5/6/2014 5:09 PM
4	EE 361 is a key course in the Power curriculum. My EE 361 course was taught by a professor who had, so far as I know, no previous teaching experience. To put it kindly, the course was lackluster. The class from that semester spent the rest of our time at WSU hearing "you should have learned already" with regards to EE361 material. Having a new professor teach a course is inevitable, but measures should be taken to ensure they work closely with senior professors.	5/6/2014 4:09 PM
5	Reduce the number of software labs by 75% and replace with hardware labs. That will teach students more.	5/5/2014 11:19 AM
6	More instruction on the team management side of things.	5/4/2014 5:29 PM
7	Chairs in the labs are terrible. Get new chairs.	5/3/2014 7:19 AM
8	new facilitys	5/2/2014 8:58 PM
9	Let seniors talk to freshman so they know what they are getting into. Instead of just a bunch of course numbers.	5/2/2014 6:11 PM
10	Fire the professors that don't care!	5/1/2014 7:01 PM
11	Emphasize control systems and microelectronics as much as power.	5/1/2014 1:43 PM
12	I would like to see some better equipment for the labs.	4/29/2014 5:34 PM
13	Maybe encourage more students to participate in engineering clubs and hands-on projects.	4/29/2014 1:15 PM
14	Buy new computers for students. Also tear down Sloan and give engineers a building they would be proud to be part of.	4/28/2014 3:05 PM
15	The theoretical concepts taught in the WSU EECS program align very poorly with what is needed to succeed in industry. And the lack of insightful teaching of the concepts does little to prepare for research or graduate school.	4/26/2014 1:04 PM
16	More tutoring in the IEEE lounge, more support for printing.	4/22/2014 10:17 PM
17	making assignments related to field work as much as posable	4/19/2014 2:49 AM
18	Electrical Engineers should probably be required to take both basic C/C++ courses as there are many occasions that I have needed to program or understand how to program to learn or use a tool or language for work.	4/17/2014 9:50 AM
19	Recruit a solid group of professors that incorporate engineering design and teaching with the material and why its important in industry. Also more hands on work and visuals would work very well in teaching students.	4/16/2014 5:42 PM
20	No group advising. It's very impersonal. In and out, with no real “advising”. I Transferred and was told that I was on track to graduate in spring 2013 and now I am graduating in spring 2014. Accept an AST degree. Taking Women in Music had no benefit towards an Electrical Engineering degree after already completing a 2 year degree. American Diversity and Intercultural Studies credits would have been taken care of with a standard associates, but was not with my degree because it was too focused for engineering associates. Have an option for AutoCAD for EEs. In every interview I asked about AutoCAD experience. It's difficult to convince employers that all the other programs used in classes that they haven't heard of are enough to pick up on AutoCAD quickly. I had the opportunity to work with a company learning how EEs use the program in the field, but had to turn it down because of Intercultural and American Diversity requirements. I was told by the adviser that they could not be waved in order to learn from an internship. This experience would have provided a better opportunity to acquire a better career opposed to Women in Music or any other Intercultural and American Diversity class. Incorporating an “additional comments” section to allow an opportunity to voice opinions about the overall experience would be better than the three small writing sections and fill in the bubble questionnaire. An actual in person “exit interview” instead of an “exit survey” would be ideal, but I understand the numbers of graduates is too great. So an “additional comments” section in this survey would be the next best thing.	4/16/2014 4:24 PM
21	get better professors	4/16/2014 1:50 PM
22	Better communication and resources available for getting students in contact with employers and internship opportunities, and preparing them. Require a MATLAB course for all EEs instead of a C++/C# course. MATLAB is widely used in the field and in later courses, while C languages are practically never required.	4/16/2014 12:40 PM
23	Many classes have streamlined report or lab report writing in order to reduce the student's workload. Looking at the quality of Senior's writing, this has been to their detriment. Most in my cohort are middling to poor at writing papers, yet all of our instructors that come from an industry background highly stress the importance of good writing and clear communication. Many seniors balk at a single spaced one page essay. This is a sign something's wrong. They need more opportunities/assignments to practice.	4/16/2014 11:57 AM
24	Senior design seemed to take too much time and not contributing to improving as an engineer. I think that more individual approach should be taken since many teammates rely on others to do all the work.	4/16/2014 11:46 AM
25	Some things that would help the EECS program is some better teachers a more knowledgeable adviser and nicer classrooms.	4/16/2014 9:30 AM
26	Upgrading the computer labs	4/16/2014 9:16 AM

Exit Interview Milestone

Q58 Select your academic major

Answered: 30 Skipped: 0

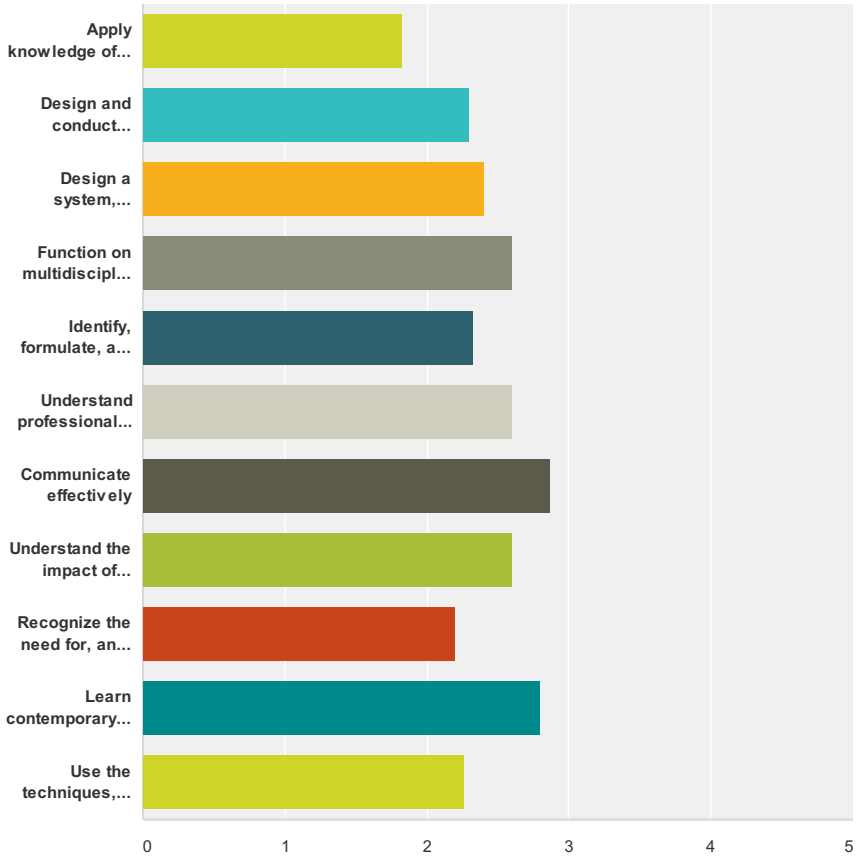


Answer Choices	Responses	
BS Electrical Engineering	**100.00%**	30
BS Computer Engineering	**0.00%**	0
BS Computer Science	**0.00%**	0
BA Computer Science	**0.00%**	0
Total Respondents: 30		

Exit Interview Milestone

Q59 Please rate the quality of the Electrical or Computer Engineerign program in helping you:

Answered: 30 Skipped: 0



	Excellent	Very Good	Good	Fair	Poor	Total	Average Rating
Apply knowledge of mathematics, science, and engineering	**43.33%** 13	**33.33%** 10	**20.00%** 6	**3.33%** 1	**0.00%** 0	30	1.83
Design and conduct experiments, as well as to analyze and interpret data	**30.00%** 9	**36.67%** 11	**16.67%** 5	**6.67%** 2	**10.00%** 3	30	2.30
Design a system, component, or process to meet desired needs within realistic constraints such as economic, Environmental, social, political, ethical, health and safety, manufacturability, and sustainability	**20.00%** 6	**43.33%** 13	**20.00%** 6	**10.00%** 3	**6.67%** 2	30	2.40
Function on multidisciplinary teams	**13.33%** 4	**36.67%** 11	**30.00%** 9	**16.67%** 5	**3.33%** 1	30	2.60
Identify, formulate, and solve engineering problems	**23.33%** 7	**43.33%** 13	**13.33%** 4	**16.67%** 5	**3.33%** 1	30	2.33
Understand professional and ethical responsibility	**6.67%** 2	**46.67%** 14	**30.00%** 9	**13.33%** 4	**3.33%** 1	30	2.60
Communicate effectively	**6.67%** 2	**30.00%** 9	**40.00%** 12	**16.67%** 5	**6.67%** 2	30	2.87
Understand the impact of engineering solutions in a global, economic, environmental, and societal context	**10.00%** 3	**33.33%** 10	**43.33%** 13	**13.33%** 4	**0.00%** 0	30	2.60
Recognize the need for, and an ability to engage in, life-long learning	**26.67%** 8	**40.00%** 12	**20.00%** 6	**13.33%** 4	**0.00%** 0	30	2.20
Learn contemporary issues	**6.67%** 2	**36.67%** 11	**30.00%** 9	**23.33%** 7	**3.33%** 1	30	2.80
Use the techniques, skills, and modern engineering tools necessary for engineering practice	**20.00%** 6	**43.33%** 13	**26.67%** 8	**10.00%** 3	**0.00%** 0	30	2.27

Exit Interview Milestone

Q60 Please rate the quality of the Computer Science program in helping you:

Answered: 0 Skipped: 30

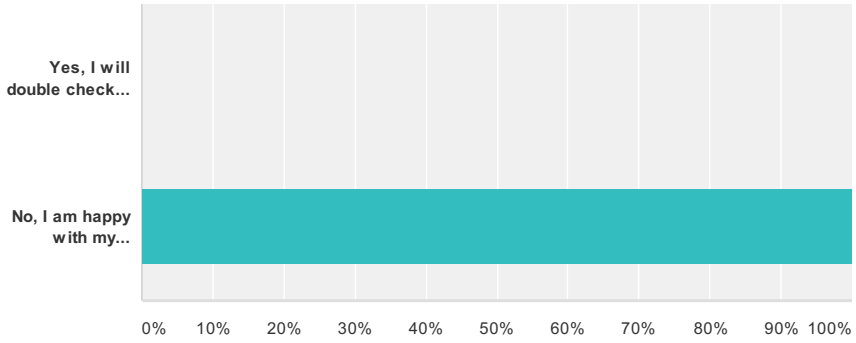
! No matching responses.

	Excellent	Very Good	Good	Fair	Poor	Total	Average Rating
Apply knowledge of computing and mathematics appropriate to the discipline.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Analyze a problem, and identify and define the computing requirements appropriate to its solution.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Function effectively on teams to accomplish a common goal.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Understand professional, ethical, legal, security and social issues and responsibilities.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Communicate effectively, in both oral and written presentations.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Analyze the local and global impact of computing on individuals, organizations, and society.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Recognize the need for, and engage in, lifelong learning.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00
Use current techniques, skills, and tools necessary for computing practice.	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0	0.00

Exit Interview Milestone

Q61 We encourage you to review your answers. Accurate information is the best way to continually improve programs in EECS. Would you like to review your answers?

Answered: 30 Skipped: 0



Answer Choices	Responses	
Yes, I will double check my answers	**0.00%**	0
No, I am happy with my selections.	**100.00%**	30
Total		**30**