



America's Brightest **ORANGE**

## Oklahoma State University

### University Assessment and Testing

2021 OSU Alumni Survey

Survey Report – Electrical Engineering

The OSU Alumni Survey is a survey designed to collect information about OSU graduated students. More specifically, it is designed to collect information on their career, educational achievements, and their experience with OSU. This information will be used to improve academic programs and student experiences at OSU for generations to come. This survey targeted alumni of undergraduate and graduate programs who received their degree in 2015 and/or 2019. The survey was administered online by OSU-University Assessment and Testing (UAT) in March 2021 through May 2021. Departments may request additional information by contacting UAT ([assessment@okstate.edu](mailto:assessment@okstate.edu)).

#### Survey Questions

Respondents were asked 35 items; 26 were institutional level items and 9 were program-specific questions developed by College of Engineering, Architecture and Technology. Institutional level items were given to all OSU alumni and the items were featured on categories; continuing education, well-being and community, demographic, satisfaction, career reflection, and current job or career.

#### Target Population / Response Rate – Electrical Engineering

	OSU Degree Received:		
	<u>2015</u>	<u>2019</u>	<u>Total</u>
Number of graduates ( <i>n</i> )	40	47	87
Number of survey respondents ( <i>n</i> )	8	15	23
Response rate	20.0	31.9	26.4

1. Since graduating from OSU, how would you describe your activity? (This item was "mark all that apply")	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Not engaged in paid employment, nor enrolled in graduate or professional school	0	0.0	1	0.0
Enrolled in graduate or professional school	2	20.0	0	50.0
Employed full-time or part-time	7	70.0	4	0.0
Both employed (other than graduate assistant) and continuing my education	1	10.0	1	50.0
Self-employed	0	0.0	0	0.0

2. Whether or not you are currently employed, in what area is your principal occupation?	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Engineering	6	75.0	14	93.3
Computer Science, Programming or Technology	1	12.5	1	6.7
Science, Social Science, or Mathematics	0	0.0	0	0.0
Health or Mental Health	0	0.0	0	0.0
Business or Management	0	0.0	0	0.0
Finance or Accounting	0	0.0	0	0.0
Education, Training, or Library	0	0.0	0	0.0
Legal	0	0.0	0	0.0
Writing, Journalism, or Design	0	0.0	0	0.0
Public Service, Policy, or Politics	0	0.0	0	0.0
Public Relations, Marketing, or Sales	0	0.0	0	0.0
Architecture	0	0.0	0	0.0
Art, Performing, or Athletics	0	0.0	0	0.0
Participating in a volunteer or service program	0	0.0	0	0.0
Serving in the U.S. military	0	0.0	0	0.0
Other occupational area (INSERT FIELD)	1	12.5	0	0.0



## Continuing Education

Participants who indicated they were continuing their education responded to the following items.

	2015		2019	
	<i>n</i>	%	<i>n</i>	%
3. What graduate or professional degree are you pursuing or, if you completed a degree, what degree did you complete? (This item was "mark all that apply")				
Graduate Certificate	0	0.0	0	0.0
Master's	2	100.0	1	100.0
Doctoral	0	0.0	0	0.0
Medical (includes nursing, osteopathy, dental, vet, and more)	0	0.0	0	0.0
Law	0	0.0	0	0.0
Other (INSERT FIELD)	0	0.0	0	0.0
Prefer not to answer	0	0.0	0	0.0

	2015	2019
	4. What was the name of your graduate or professional school?	
Excelsior College	0	1
Hong Kong Polytechnic University	1	0
Purdue University	1	0

	2015		2019	
	<i>n</i>	%	<i>n</i>	%
5. How well did your OSU program prepare you for graduate or professional education program?				
Very well	1	50.0	0	0.0
Adequately	1	50.0	1	100.0
Not very well	0	0.0	0	0.0
Not at all	0	0.0	0	0.0
Prefer not to answer	0	0.0	0	0.0



## Well-being & Community

6. How connected do you feel to OSU?	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very connected	1	12.5	1	7.1
Moderately connected	3	37.5	4	28.6
Somewhat connected	4	50.0	4	28.6
Not very connected	0	0.0	5	35.7

7. Are you regularly in touch with people you met at OSU? (This item was "mark all that apply")	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Yes, with my advisor(s)	0	0.0	0	0.0
Yes, with professors or staff	0	0.0	1	5.3
Yes, with members of my team, club, or sorority/fraternity	1	10.0	6	31.6
Yes, with classmates/friends I met at OSU	7	70.0	9	47.4
No	2	20.0	3	15.8

8. How much has your overall quality of life been enhanced by your Oklahoma State University experience?	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Much	2	25.0	0	0.0
Somewhat	5	62.5	3	100.0
Little	1	12.5	0	0.0
None	0	0.0	0	0.0

9. In the past twelve months, how often have you participated in unpaid volunteer work?	2015		2019	
	<i>n</i>	%	<i>n</i>	%
More than once a week	0	0.0	0	0.0
About once a week	0	0.0	1	7.1
About once a month	2	25.0	0	0.0
Every few months	1	12.5	0	0.0
Once or twice in the past year	2	25.0	6	42.9
Not at all	3	37.5	7	50.0



10. How would you change the emphasis OSU placed on these aspects of education and college life?

10a. Making ethical and thoughtful decisions	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Reduce a great deal	1	14.3	0	0.0
Reduce somewhat	0	0.0	0	0.0
Keep about the same	2	28.6	7	50.0
Increase somewhat	3	42.9	5	35.7
Increase a great deal	0	0.0	2	14.3
I don't know	1	14.3	0	0.0

10b. Exploring alternative values, perspectives, and beliefs from around the world	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Reduce a great deal	1	16.7	0	0.0
Reduce somewhat	0	0.0	0	0.0
Keep about the same	4	66.7	5	35.7
Increase somewhat	1	16.7	5	35.7
Increase a great deal	0	0.0	4	28.6
I don't know	0	0.0	0	0.0

10c. Improving written and oral communication skills	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Reduce a great deal	0	0.0	0	0.0
Reduce somewhat	0	0.0	0	0.0
Keep about the same	1	14.3	8	57.1
Increase somewhat	3	42.9	2	14.3
Increase a great deal	3	42.9	4	28.6
I don't know	0	0.0	0	0.0



10d. Improving ability to think critically (analytically and logically)	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Reduce a great deal	1	12.5	0	0.0
Reduce somewhat	0	0.0	0	0.0
Keep about the same	1	12.5	7	50.0
Increase somewhat	3	37.5	4	28.6
Increase a great deal	3	37.5	3	21.4
I don't know	0	0.0	0	0.0

10e. Ability to interact positively with people who are different from you	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Reduce a great deal	0	0.0	0	0.0
Reduce somewhat	0	0.0	0	0.0
Keep about the same	2	25.0	5	35.7
Increase somewhat	3	37.5	6	42.9
Increase a great deal	1	12.5	3	21.4
I don't know	2	25.0	0	0.0

10f. Developing good health habits and physical fitness	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Reduce a great deal	1	12.5	0	0.0
Reduce somewhat	0	0.0	0	0.0
Keep about the same	2	25.0	3	21.4
Increase somewhat	2	25.0	5	35.7
Increase a great deal	3	37.5	6	42.9
I don't know	0	0.0	0	0.0



## Academic Satisfaction

11. Please rate your degree of satisfaction with each of the following items:

11a. The quality of teaching at OSU	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Satisfied	2	28.6	1	7.7
Satisfied	3	42.9	9	69.2
Neutral	0	0.0	1	7.7
Dissatisfied	1	14.3	2	15.4
Very Dissatisfied	1	14.3	0	0.0
Not applicable	0	0.0	0	0.0

11b. Availability of courses needed for your degree program	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Satisfied	3	42.9	1	7.7
Satisfied	2	28.6	6	46.2
Neutral	1	14.3	4	30.8
Dissatisfied	0	0.0	2	15.4
Very Dissatisfied	1	14.3	0	0.0
Not applicable	0	0.0	0	0.0

11c. OSU academic facilities (e.g. classrooms, labs, buildings, etc.)	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Satisfied	2	28.6	3	23.1
Satisfied	4	57.1	6	46.2
Neutral	1	14.3	3	23.1
Dissatisfied	0	0.0	1	7.7
Very Dissatisfied	0	0.0	0	0.0
Not applicable	0	0.0	0	0.0



11d. OSU academic advising	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Satisfied	2	28.6	1	8.3
Satisfied	1	14.3	5	41.7
Neutral	1	14.3	5	41.7
Dissatisfied	1	14.3	1	8.3
Very Dissatisfied	2	28.6	0	0.0
Not applicable	0	0.0	0	0.0

11e. Preparation to handle non-career related goals (e.g. family, finances, etc.)	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Satisfied	0	0.0	1	8.3
Satisfied	0	0.0	0	0.0
Neutral	3	42.9	6	50.0
Dissatisfied	0	0.0	4	33.3
Very Dissatisfied	2	28.6	1	8.3
Not applicable	2	28.6	0	0.0

11f. Availability of internship/practicum experiences	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Satisfied	1	14.3	3	23.1
Satisfied	3	42.9	1	7.7
Neutral	1	14.3	6	46.2
Dissatisfied	1	14.3	3	23.1
Very Dissatisfied	1	14.3	0	0.0
Not applicable	0	0.0	0	0.0

11g. Overall education at OSU	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Very Satisfied	1	14.3	3	23.1
Satisfied	4	57.1	7	53.8
Neutral	1	14.3	3	23.1
Dissatisfied	0	0.0	0	0.0
Very Dissatisfied	1	14.3	0	0.0
Not applicable	0	0.0	0	0.0





	2015		2019	
	<i>n</i>	%	<i>n</i>	%
<b>12. If you could start over, would you still choose to attend Oklahoma State University?</b>				
Definitely yes	1	14.3	7	63.6
Probably yes	3	42.9	3	27.3
Uncertain	2	28.6	1	9.1
Probably no	0	0.0	0	0.0
Definitely no	1	14.3	0	0.0

### Career Reflection

Participants who indicated they were employed responded to the following items.

	2015		2019	
	<i>n</i>	%	<i>n</i>	%
<b>13. How closely is your job related to your field of study?</b>				
Not related	1	14.3	1	7.7
Somewhat related	2	28.6	4	30.8
Directly related	4	57.1	8	61.5

	2015		2019	
	<i>n</i>	%	<i>n</i>	%
<b>14. How well did OSU prepare you for meaningful employment?</b>				
Very well	3	42.9	1	7.7
Adequately	3	42.9	8	61.5
Not very well	0	0.0	2	15.4
Not at all	1	14.3	2	15.4
Prefer not to answer	0	0.0	0	0.0

	2015		2019	
	<i>n</i>	%	<i>n</i>	%
<b>15. Overall, how satisfied are you with your career?</b>				
Very Satisfied	5	71.4	7	53.8
Satisfied	2	28.6	6	46.2
Neutral	0	0.0	0	0.0
Dissatisfied	0	0.0	0	0.0
Very Dissatisfied	0	0.0	0	0.0



### Current Job or Career

16. Are you employed full-time (on average 30 hours or more per week) or part-time (on average less than 30 hours per week)?	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Full-time	7	100.0	13	100.0
Part-time	0	0.0	0	0.0

17. How long did it take to find your first employment after graduating from OSU?	2015		2019	
	<i>n</i>	%	<i>N</i>	%
Employed by graduation	5	71.4	10	76.9
3 months after graduation	0	0.0	1	7.7
6 months after graduation	1	14.3	0	0.0
9 months after graduation	0	0.0	0	0.0
1 year after graduation	0	0.0	1	7.7
over 1 year after graduation	1	14.3	1	7.7

18. What is your official job title?	2015	2019
	Electrical Engineer	0
Electrical Engineer III	1	0
Electrical Field Engineer	0	1
Electronics Engineer	1	4
Engineer Associate	0	1
Field Engineer	0	1
Instrumentations Engineer	0	1
R&D Cybersecurity	1	0
Senior Electrical Engineer	1	0
Senior Field Engineer	0	1
SQA Analyst I	0	1



19. What is the name of your current employer? Please include full name (no abbreviations).<sup>1</sup>

	2015	2019
Air Force Civilian Service/ Tinker AFB / 76 SWEG	1	2
Atlas Power, Inc.	0	2
Consolidated Nuclear Security Pantex	0	1
Enduro Pipeline Services	0	1
Keiwit Engineering	1	0
Kiwook Kang	0	1
NASA Johnson Space Center	1	0
National Energy Services Reunited	0	1
Parsons	1	0
Phillips 66	0	1
Raytheon Technologies	0	1
Salas O'Brien	0	1
Sandia National Laboratories	1	0

20. Which of the following best describes your employer?

	2015		2019	
	<i>n</i>	%	<i>n</i>	%
A corporation, partnership, or private business	3	42.9	9	69.2
Military	0	0.0	2	15.4
Other governmental entity	2	28.6	2	15.4
Charity or other nonprofit entity	0	0.0	0	0.0
Educational institution	0	0.0	0	0.0
Other	1	14.3	0	0.0
Prefer not to answer	1	14.3	0	0.0

<sup>1</sup>Current Employer is presented exactly as reported by survey respondents.



21. Does your job require: (This item was "mark all that apply")	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Technology skills	4	10.3	12	15.6
Conducting research	6	15.4	2	2.6
Extensive training	1	2.6	3	3.9
Math skills	3	7.7	11	14.3
Problem solving/analytic reasoning	5	12.8	13	16.9
Speaking to a group	4	10.3	5	6.5
Use of specialized machinery	0	0.0	3	3.9
Use of specialized software	5	12.8	10	13.0
Working with a diverse group of people	6	15.4	9	11.7
Writing reports, memos, papers, publications, etc.	5	12.8	9	11.7

22. What is your approximate total annual salary (including bonuses), before taxes?	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Less than \$15,000	1	14.3	0	0.0
\$15,000 but less than \$25,000	0	0.0	0	0.0
\$25,000 but less than \$35,000	0	0.0	1	7.7
\$35,000 but less than \$45,000	0	0.0	0	0.0
\$45,000 but less than \$55,000	0	0.0	2	15.4
\$55,000 but less than \$65,000	0	0.0	0	0.0
\$65,000 but less than \$75,000	0	0.0	3	23.1
\$75,000 but less than \$100,000	3	42.9	5	38.5
\$100,000 but less than \$125,000	3	42.9	1	7.7
\$125,000 but less than \$150,000	0	0.0	0	0.0
Over \$150,000	0	0.0	1	7.7
Prefer not to answer	0	0.0	0	0.0



## Demographics

23. Which OSU campus do you most identify with?	2015		2019	
	<i>n</i>	%	<i>n</i>	%
Stillwater	7	100.0	12	92.3
Tulsa	0	0.0	0	0.0
Equally Stillwater or Tulsa	0	0.0	1	7.7
Online	0	0.0	0	0.0

24. In which country do you currently reside?	2015	2019
	United States of America	5
South Arabia	0	1

24a. In which state do you currently reside?	2015	2019
	KS	1
LA	0	1
MI	0	1
NM	1	0
OK*	1	2
OK-OKC	0	3
OK-STW	0	0
OK-TUL	0	1
TX	1	3

\*1 respondent did not provide a valid Oklahoma zip code and was therefore added to the general Oklahoma count.



## Overall

25. What could OSU have done to better serve you?
Accept my application to Graduate School.
Electrical and Computer Engineering should not be so entwined. Most classes are geared more towards Computer Engineering, software, PCB design, etc. Very very few things that I learned at OSU are relevant to what I do for work now. I specialized in Power, but that only gave me the option for two Power Systems classes and while these were helpful, that's not really enough to be considered "specializing". KU teaches an NEC Course to their Power Electrical Engineers, I'd like to see OSU teach this as well. You could hire advisors that are capable of doing their job. On more than one occasion, XXXXX recommended that I take an elective that I didn't need or told me I didn't need an elective that I actually did. I know multiple people who have had this happen in such a way that they were not able to graduate when they were supposed to because they were 1 or 2 credits short. XXXXX refused to let me in to professional school, but when I finally talked to an advisor who knew what she was doing and was capable of reading the confusing, chaotic documents you produce she told me that at the time of entering professional school I had the grades and there was no reason I should have been kept out. XXXXX also tried to prevent me from graduating a few months into my final semester because she didn't like that I took Cryptography as one of my technical electives. Even though documentation says "any MATH or CS course" and Cryptography is a MATH course. XXXXX tried to say that it wasn't related to my specialization which strictly contradicts what the official OSU flow charts and specialization sheets say. Not to mention the fact that there wasn't another "power" course or anything related to my specialization that I could take. If it was an option, I would have done it. As it stands, she had me worried all semester that I wouldn't be able to graduate just to turn around one day and tell me that I was right. Why did I have to tell her how to do her job? You could have taken better c
In hindsight, I would have benefitted from undergraduate research opportunities (outside of classwork/labs) with graduate students and/or professors.
Provide/require an engineering class about systems engineering, and one about project management for all engineering majors. I was not adequately prepared for those aspects of my job by the existing technical writing and economics classes.
Find teachers for Lower level engineering classes,(Physics, Chem, Calc) classes that set the base for everything else in you learn in Engineering, that actually care to break down the material where learning can actually happen. I had a few teachers that were able to do so and I enjoyed going to those classes, and I had teachers that did the opposite and I dreaded going.
I think I just chose the wrong major. Should have selected ARCHITECTURAL ENGINEERING. In general, most of what I learned doesn't apply anywhere in my career.
Make the curriculum for ECEN more standardized so that the information translates better between classes. There were sometimes gaps in learning that never got filled.
More faculty. Increase available classes.
Professor felt more focused on research rather than teaching classes. Quite a few felt like they were just going through the motions.

26. What additional information would you like OSU to know?
Your staff is useless, most of your professors don't care, this school cares about nothing but stealing money from whatever fools sign on with you. My children will absolutely not be going to OSU if I can help it. I've told many coworkers and friends that I would never recommend OSU for electrical engineering. I mentor high school kids in FIRST Robotics and I have told every single one of them that OSU should never be an option. Anyone who is in FIRST in high school, is already more advanced than most of the professors that OSU hires.
I went to the school for a very particular reason, XXXXX and the beautiful campus. I do not think my education was outstanding in a way that I benefited more from OSU than any other school. The amenities, atmosphere, and buildings were awesome. I don't think the education was anything above what should be expected from college.
Lower parking costs.
The fire protection program needs more funding and professors.



### Program-Specific Questions – ENG

	<u>2015</u>		<u>2019</u>	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
<b>ENG1. How well did your OSU education prepare you to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics?</b>				
Very well	2	28.6	4	33.3
Well	4	57.1	4	33.3
Adequately	0	0.0	4	33.3
Poorly	0	0.0	0	0.0
Not at all	1	14.3	0	0.0
Not applicable to my activities	0	0.0	0	0.0

	<u>2015</u>		<u>2019</u>	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
<b>ENG2. How well did your OSU education prepare you to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors?</b>				
Very well	2	28.6	3	25.0
Well	2	28.6	3	25.0
Adequately	2	28.6	5	41.7
Poorly	0	0.0	1	8.3
Not at all	1	14.3	0	0.0
Not applicable to my activities	0	0.0	0	0.0

	<u>2015</u>		<u>2019</u>	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
<b>ENG3. How well did your OSU education prepare you to communicate effectively with a range of audiences?</b>				
Very well	2	33.3	3	25.0
Well	0	0.0	4	33.3
Adequately	3	50.0	4	33.3
Poorly	1	16.7	1	8.3
Not at all	0	0.0	0	0.0
Not applicable to my activities	0	0.0	0	0.0



	<u>2015</u>		<u>2019</u>	
<b>ENG4. How well did your OSU education prepare you to recognize ethical and professional responsibilities in engineering situations and make informed judgments considering the impact of engineering solutions in global, economic, environmental, and societal contexts?</b>				
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
Very well	2	33.3	2	16.7
Well	2	33.3	4	33.3
Adequately	1	16.7	6	50.0
Poorly	0	0.0	0	0.0
Not at all	1	16.7	0	0.0
Not applicable to my activities	0	0.0	0	0.0

	<u>2015</u>		<u>2019</u>	
<b>ENG5. How well did your OSU education prepare you to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives?</b>				
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
Very well	3	50.0	4	33.3
Well	1	16.7	2	16.7
Adequately	0	0.0	5	41.7
Poorly	2	33.3	1	8.3
Not at all	0	0.0	0	0.0
Not applicable to my activities	0	0.0	0	0.0

	<u>2015</u>		<u>2019</u>	
<b>ENG6. How well did your OSU education prepare you to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions?</b>				
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
Very well	2	33.3	2	16.7
Well	3	50.0	5	41.7
Adequately	0	0.0	4	33.3
Poorly	0	0.0	1	8.3
Not at all	1	16.7	0	0.0
Not applicable to my activities	0	0.0	0	0.0





	2015		2019	
	n	%	n	%
Very well	4	66.7	3	25.0
Well	1	16.7	6	50.0
Adequately	0	0.0	3	25.0
Poorly	0	0.0	0	0.0
Not at all	1	16.7	0	0.0
Not applicable to my activities	0	0.0	0	0.0

ENG8. Which OSU courses have been of greatest value to you in your current position?
ECEN courses: Digital logic design, computer based systems, senior design 1&2, circuits1&2. CS courses: unix programming
Senior Design (2)
Technical Writing? Maybe XXXXX power systems courses? Both of those are iffy as to how much value they actually provided. Most of my education has been taught on the job.
Calculus and circuits.
Computer Science.
Digital integrated circuit design System Dynamics Signal theory.
Engineering Economics, Network Analysis, Automatic Control Systems, Power Systems.
Signal Analysis, Network Analysis.
Technical Writing.
There was a course about how MECH/ELEC/PLUMBING are all interchangeable when it comes to analysis. I.e. voltage = pressure, etc. That was great. Otherwise, everything was basically about low voltage devices I never have to deal with.

ENG9. All CEAT Engineering programs are trying to continuously improve. Do you have any suggestions or comments that might contribute?
At the time of graduation, Senior Design had nothing to do with what my job is now. It didn't teach me to be better, it just taught me to not be forthcoming about our mistakes. Our project was the only one that was graded on what the wiring looked like, because we let the professor/TAs know that we had to make some major changes last minute and it was kind of a mess. No one even looked at the internals of any other project in that class. In turn, we scored the lowest even though ours was one of the two that actually worked. Since graduating, I've kept in touch with multiple friends who were younger than me. The direction that the senior design class is headed is not good. Your TAs still don't provide any guidance or assistance - mostly because it seems that they don't know any better than you do. Giving every student the exact same project only instills the idea of sharing information with your friends rather than coming up with multiple innovated ways to do something. One semester, your professors didn't even give the specifications for a project until halfway through the semester. Even then, most students just used whatever donkey car code they could find pre-written online. Those students were given better grades than the ones who actually built what was asked for. Your program has only gotten worse and the new advisor you hired after XXXXX is barely better, if at all. Do Better.
Go for MBA after working for several years.



**ENG9. All CEAT Engineering programs are trying to continuously improve. Do you have any suggestions or comments that might contribute?**

My Computer Science 1 and CS2 classes were taught in Java. I have not used Java since those courses. I use Python, C++, and C in my day-to-day work. I think I would have benefitted from a computer programming class taught in the ECE department.

Senior design was the only class where I got a real taste of engineering in the real world. It would be great if CEAT offered a class on systems engineering and a class on project management, and required all engineering majors to take it. When I started my professional career, I had never even heard of systems engineering and had a very poor understanding of what a project manager does, and those are two of my main roles now.

Both ECEN senior design courses were horribly managed by the professors. It seemed like the other engineering disciplines had much more positive senior design experiences than my class did.

Electrical program get very geared towards the computer side of the field. Most of the Capstone projects my semester required extensive programming and didn't really utilize what we were studying in the Power discipline.

I think a better understanding of job possibilities for the degree you get would be beneficial. I literally only got the ECE degree since it was accredited in case I wanted to get my PE. The ECE coursework did very little to prepare me for the real world, nor did it interest me. Most of my skills I gained from my fraternity and social involvement. While at OSU, I rarely went to class and focused more on social/hobby interests. This was more beneficial to me than the degree itself.

See my responses on the last page.

