explorance.

SIE Report for EGR-101-02 INTRO COMPUTING ENGINEERS (Mitchell Lautigar)

Project Title: **SIEs Spring 2024**

Courses Audience: **55**
Responses Received: **18**
Response Ratio: **33%**

Report Comments

Section Information

This section of EGR-101-02 INTRO COMPUTING ENGINEERS has a course type of LEC and was offered in TRAD format.

Rater Demographics

Students who responded to this SIE are described in two ways at the beginning of the report. The age information for students is presented in age ranges and the college for the student's primary major is also presented. This information provides additional context for this report, indicating whether the students are likely traditional or non-traditional and whether this course is likely a requirement for their major or not.

Response Options

The Response Options for most questions on this evaluation are as follows: Strongly Agree (5), Agree (4), Neutral (3), Disagree (2), Strongly Disagree S(1), and Not Applicable (no value). Items with other response options are indicated in the question description.

SIE Results

The overall rating for the faculty member and course is provided as the very first item after the Demographics. It is also listed as the last item in the Core Questions: Summary Table.

For the Core Questions asked for all courses, this report contains the following sections:

1. Frequency Tables which show the percentage of responses in each category along with the mean (average), median (middle value), and standard deviation. (Provided only for some colleges.)
2. Mean Scores Chart which shows the mean (average) score for the course in comparison to other courses in appropriate categories. For most courses, this includes the department, college, and university, but other comparisons are provided for selected courses. (Provided only for some colleges.)
3. Summary Table which provides the same information as the Mean Scores Chart but in a table format.
4. Comments section which lists the actual comments, if any, as entered by the students
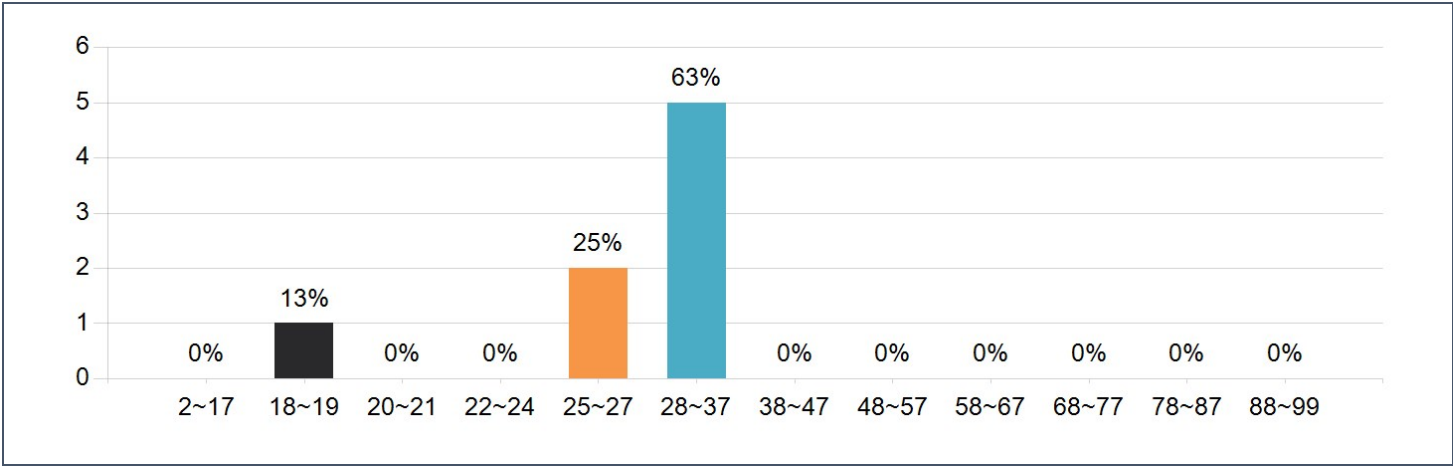
For the college-specific and department-specific questions, this report includes Frequency Tables, Mean Scores Chart, and Summary Table for each question set. In this case, the Mean Scores Chart and Summary Table show the mean for the course, the department and the college.

Rater Demographics

Age Ranges for Students

Age information is not available for all students

Overall Score

Overall Score

Competency	Course
Core Questions	4.77

UAH Instructor Questions

Core Questions: Summary Table

Question	Course	Department (Engineering General)	College (Engineering)	University (UAH)
	Mean	Mean	Mean	Mean
The instructor organized the course according to a syllabus.	4.94	4.08	4.47	4.56
The instructor followed a clear method of grading and evaluation.	4.89	4.23	4.31	4.40
Other course policies and procedures were clearly defined and followed.	4.94	4.20	4.46	4.53
The instructor effectively presented course content.	4.72	4.07	4.21	4.32
The instructor's teaching styles and methods promoted learning.	4.61	3.96	4.18	4.28
The instructor stimulated learning through questions, assignments or exercises relevant to the course.	4.78	4.06	4.30	4.40
The instructor's approach made the students feel free to ask questions.	4.56	4.19	4.38	4.45
The instructor was available for consultation outside of class.	4.28	4.04	4.39	4.47
At the end of this semester, the course objectives as described in the syllabus had been accomplished.	4.83	4.02	4.43	4.51
The instructor graded and returned material submitted for evaluation when they said they would.	4.94	3.83	4.33	4.45
The instructor showed interest in student learning.	4.89	4.22	4.43	4.50
The instructor responded in an effective and professional manner to student comments and questions.	4.83	4.21	4.43	4.51
Overall	4.77	4.09	4.36	4.45

Core Questions (Comments)

The instructor organized the course according to a syllabus.
Comment
- Very well organized and clear to follow.
- Provided links to matlab and python

The instructor followed a clear method of grading and evaluation.
Comment
- I STILL remember, that's how straightforward it was: header, commenting, mostly methodology even if output was incorrect or code didn't run. On exams, professor did not grade if code didn't run, but gave most points on "do you understand and did you use what I taught you" instead of "you got it wrong, here's a 0." I appreciated this.

Other course policies and procedures were clearly defined and followed.
Comment
- DO NOT CHEAT. EVER. Or we'll visit Dr. English.

The instructor effectively presented course content.
Comment
- Only note I have is that I would have liked more information regarding the dictionaries in python. The lecture and powerpoint given to us was a little scanty on information.
- Slides were easy to follow. Content was taught from the ground up and examples were always done in class.

The instructor's teaching styles and methods promoted learning.
Comment
- I felt like the examples shown in class were simple to follow, then some of the HWs had a huge logical jump in comparison to the examples in class.
- The course assignments were fun and required me to learn the content in a fun way.
- He would teach a command, teach how it is used, teach why it is used, and teach how he uses it sometimes. He always phrased it as if it was to somebody who had never programmed a day in their life. This is EXEMPLARY in any professor or teacher!

The instructor stimulated learning through questions, assignments or exercises relevant to the course.
Comment
- The course assignments and homeworks used what you were taught to find out something that you don't specifically know how to do. If you got it wrong but your methodology was logical, you got full credit.

The instructor's approach made the students feel free to ask questions.
Comment
- When he'd ask the class if we had any questions about a certain topic, he'd respond with "watch the panopto lecture again," even though we'd ask him about something specifically from that lecture.
- Initially unapproachable because he comes off as strict, but this was to make sure that students knew that this class will not be an easy one. However, as the class progresses, there is an understanding between student and instructor and communication flowed very easily.
- He was very friendly and open to questions. He answered them thoroughly.

The instructor was available for consultation outside of class.
Comment
- Since he worked part time he could be hard to get a hold of but generally he could reached with 32 hours . Although during finials he responded immediately
- has office hours but they are very inconsistent and may vary
- He's an adjunct prof, so his office hours weren't regular.
- I never visited him but he always made announcements on where he would be and when. He also stated if he would not be available even if it was just for emails.

At the end of this semester, the course objectives as described in the syllabus had been accomplished.
Comment
[No Response]

The instructor graded and returned material submitted for evaluation when they said they would.
Comment
- He told us when he would start grading and when he would finish. Later he made an announcement saying that he started and after that he said when he had finished. He does not miss!

The instructor showed interest in student learning.
Comment
- He focus more on your ability to problem solve like an engineer rather than to learn commands as a programmer. Anybody can look up a function.

The instructor responded in an effective and professional manner to student comments and questions.
Comment
- He never shamed you for asking a question. If you corrected him on something he was very cool about it!

General Comments

Comments
Professor Lautigar's ENG 101 Course is fantastic due to his desire to see his student learn. His course teaches students effectively. I really enjoyed this course and would take him in another class if he taught any more.
Great teacher. Overall, he will push you past your limits. The class can be difficult, but it was fun if you really learn what he is trying to teach. I definitely don't recommend cheating. Sometimes his answers to questions are cryptic and hard to understand. With that being said, if you are not into riddles and mind games, I wouldn't recommend, but if you like a good challenge this is definitely the teacher for it.
This course did not feel like an intro–course to programming. 75% of the regular HW assignments felt like trial–by–fire, which felt more stressful than beneficial. He had the Python exam a week before 4 HW assignments were due. Those specific HW assignments he said should help us understand the final, but we wouldn't go over them until the final was already over. He definitely knows a lot about programming, but I don't think he's an effective teacher for students who have never touched programming.
I wish this class had gone a little slower. The content could be difficult and I think it could have been stretched out into a few more, easier classes.
He is true to his reputation, but that doesnt mean hes a bad professor. He did his job. I like him.
This class grew on me a lot. It feels like it has a steep learning curve, especially if you don't program and have no interest in coding. But it is structured so that everybody can do well. This is the class that I hoped I would use the least in my career, but it turns out this was probably my favorite, only because of Professor Lautigar.
Although Professor Lautigar was a tough teacher he was able to teach in a way that the tough assignments easy to get done. He had many TAs with office hours and was always available to answer questions. If you reach out and seek help you will get it and most likely succeed in the class.
The course itself was difficult. The method in instruction was a challenge at first, but once I figured out exactly what was going on it went well. The method taught me to do some learning on the side, which led me to have more interest in the class. It was a challenge that I was indeed surprised by, but willing to do the extra time and work to beat it. Thank you Professor Lautigar.

College of Engineering

Engineering Instructors: Summary Table

The instructor has been an effective engineering educator.

Question	Course	Department (Engineering General)	College (Engineering)
	Mean	Mean	Mean
Engineering Instructors	4.78	4.12	4.30
Overall	4.78	4.12	4.30

Engineering Instructors (Comments)

Comment
- I believe he brings very real world engineering scenarios into the classroom.
- Definitely knows a lot about programming, wasn't beginner–friendly.
- Definitely one of my favorite teachers now.
- His teaching style is definitely more on the aggressive style but it is effective so no bad thoughts from me.
- In the homework you take what you know and use it to solve a problem that you don't specifically know. This is perfect.

Engineering Courses: Summary Table

Question	Course	Department (Engineering General)	College (Engineering)
	Mean	Mean	Mean
I was adequately prepared for the materials of this course.	4.47	4.33	4.29
The course has been effective in advancing my learning.	4.83	3.92	4.31
Class room and other facilities were suitable for this course.	4.65	4.29	4.43
Overall	4.65	4.18	4.34

Engineering Courses (Comments)

I was adequately prepared for the materials of this course.
Comment
- The first thing we did was enter a number in matlab and press "=". Nothing was required for this class besides a laptop and a free software which he linked.
- Downloading softwares was a little difficult.

The course has been effective in advancing my learning.
Comment
- I know how to make very basic computer games and simulate random generators, as well as do a bunch of calculations for income, date based on hours passed, and much more.

Class room and other facilities were suitable for this course.
Comment
- power outlets would have be nice for a computer programing class

Engineering Instructor Office Hours: Summary Table

The number of times that I attempted to visit the instructor during the office hours for this course are: Response Options: 1=0-1 time, 2=2-4 times, 3=5-6 times, 4=7-8 times, 5=9+ times

Question	Course	Department (Engineering General)	College (Engineering)
	Mean	Mean	Mean
Engineering Instructor Office Hours	1.44	1.11	1.35
Overall	1.44	1.11	1.35

Engineering Course Participation

I missed _____ class periods this semester.

Comments
0
0
1
4
0
0
1
2
0
0
0
0
0
1
0

Engineering Course Workload: Summary Table

On average, the number of hours per week that I have spent doing work outside of class for this course are: Response Options: 1=0-1 hour, 2=2-4 hours, 3=5-6 hours, 4=7-8 hours, 5=9+ hours

Question	Course	Department (Engineering General)	College (Engineering)
	Mean	Mean	Mean
Engineering Course Workload	3.39	1.45	2.56
Overall	3.39	1.45	2.56