SIE Report for EGR-101-03 INTRO COMPUTING ENGINEERS (Mitchell Lautigar)

Project Title: **SIEs Spring 2023**

Courses Audience: **74**
Responses Received: **37**
Response Ratio: **50%**

Report Comments

Section Information

This section of EGR-101-03 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:
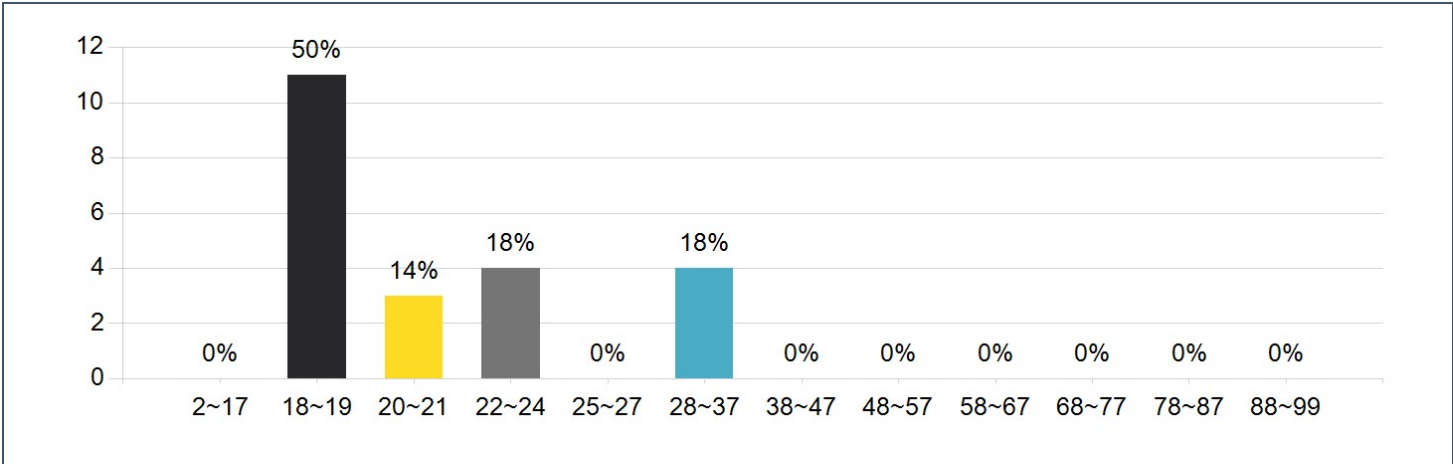
1. Frequency Tables which show the percentage of responses in each category along with the mean (average), median (middle value), and standard deviation. (Provided only for some colleges.)
2. Mean Scores Chart which shows the mean (average) score for the course in comparison to other courses in appropriate 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.
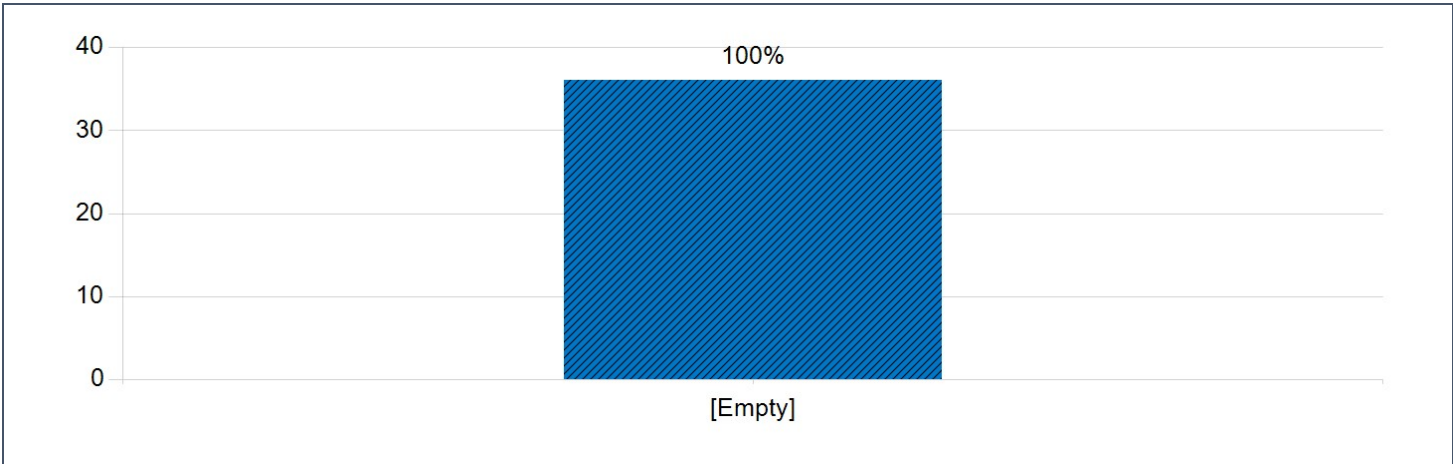
Creation Date: **Tuesday, April 2, 2024**

Rater Demographics

Age Ranges for Students

Age information is not available for all students

College of Student's Primary Major

Overall Score

Overall Score

Competency	Course
Core Questions	4.39

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.	4.32	4.26	4.45	4.53
The instructor followed a clear method of grading and evaluation.	4.22	4.08	4.28	4.38
Other course policies and procedures were clearly defined and followed.	4.41	4.21	4.42	4.50
The instructor effectively presented course content.	4.42	3.90	4.14	4.29
The instructor's teaching styles and methods promoted learning.	4.44	3.88	4.14	4.25
The instructor stimulated learning through questions, assignments or exercises relevant to the course.	4.43	4.00	4.26	4.37
The instructor's approach made the students feel free to ask questions.	4.36	4.01	4.34	4.43
The instructor was available for consultation outside of class.	4.53	3.96	4.36	4.45
At the end of this semester, the course objectives as described in the syllabus had been accomplished.	4.50	4.17	4.40	4.49
The instructor graded and returned material submitted for evaluation when they said they would.	4.35	3.99	4.34	4.41
The instructor showed interest in student learning.	4.43	4.10	4.38	4.47
The instructor responded in an effective and professional manner to student comments and questions.	4.24	4.01	4.38	4.47
Overall	4.39	4.05	4.33	4.42

Spring 2023

Core Questions (Comments)

The instructor organized the course according to a syllabus.

Comment

- The syllabus was clearly laid out with applicable resources (which was nice) as well as a full summary of what to expect with the course.

The instructor followed a clear method of grading and evaluation.

Comment

- Grading and Evaluation break down given day one of the course which was effective to student understanding of what was required per assignment.

Other course policies and procedures were clearly defined and followed.

Comment

[No Response]

The instructor effectively presented course content.

Comment

- Make topics interesting and easy to comprehend

- I love how the professor presented thr material to us and how engaging he made the class.

- The professor used PowerPoints as more of an outline while walking students through procedures in MATLAB and Python. This method was extremely effective for different learning styles and helped demonstrate to students how to conduct the task and what they were expected to accomplish.

The instructor's teaching styles and methods promoted learning.

Comment

- Did a great job explaining new concepts covered in the course. He made learning fun with various examples from his own personal experience.

- Mr. Lautigar obviously has a passion for education and learning. While he offers a challenging course, he absolutely does a great job ensuring student success. He is both a teacher and an educator and undoubtedly provides a critical service desperately needed in the world of academia. Highly knowledgable individual, and I recommend his class.

The instructor stimulated learning through questions, assignments or exercises relevant to the course.

Comment

[No Response]

The instructor's approach made the students feel free to ask questions.

Comment

- The professor communicated availability frequently and responded to emails quickly. In the event they were unable to respond to a question right away, they still emailed giving a time they would be available to address the question or issue.

The instructor was available for consultation outside of class.

Comment

- Consistently sent emails stating where he was on campus if students had questions pertaining to an assignment.

- On multiple occasions, Mr. Lautigar made sure to make himself available to students both throughout the week and weekends during critical points during the academic period. I never utilized the hours outside of the classroom, but I know plenty of others did.

- He would often make extra office hours outside of his normal hours. Very, very avaliable if needed.

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

- The quickest grader I have ever had since high school.

- Some homework assignments took a long time to be graded by TA's

The instructor showed interest in student learning.

Comment

Comment
- Enthusiastic and ready to help if needed

| The instructor responded in an effective and professional manner to student comments and questions. | |

Comment
[No Response]

General Comments

Comments
This class did a good job of teaching intro programming skills. I had a large background of programming before this class, so nothing was particularly difficult for me, but if I hadn't had a background in programming this class would have been a great introduction to it. The only complain I have in this class is that sometimes some of the quiz and assignment question were a little vague but wanted a specific answer. Whenever I had difficulty in the class it wasn't about the material, it was figuring out what was being asked of me. Other than that, this class was great.
A great intro to MATLAB and Python, as well as to the world of engineering. Mr. Lautigar teaches not just programming, but how to learn a programming language, how the underlying logic connects all of them, and how to solve problems creatively. There's not always one right answer, but rather a few that work better. He connects programming concepts to real–world scenarios, giving them personality and meaning. He manages the class cleverly, efficiently, and fairly. It's a challenging course because it's well done.
Stay the Course
The course covered content that I had never see before. The professor went through the basics of how to code. He also taught me that I am capable of doing it even if I would rather not. He cares about his students learning
made programing fun and intriguing for all levels of knowledge, and went out of his way to help out students. Would take again
I really enjoyed the class and I believe it has prepared me for my next engineering classes. I think the classes were engaging and the homework assignments made me think to find a solution to a problem. I felt like I could ask any questions about programing and I was given many chances to ask questions out of class in an email or in office hours. I would recommend this class to other students who are looking to find a great engineering 101 class, or someone who is just interested in learning an introduction in programing.
Professor Lautigar is a little goofy sometimes but he always manages to find stimulating ways to asses our knowledge of the content and tying most concepts in to where way may use it in a career.
This was a challenging course with new complex concepts for me. Throughout the semester I felt that I had enough guidance and feedback to successfully meet objectives as well as create new understanding of a subject I knew nothing about.

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	4.54	4.08	4.29
Overall	4.54	4.08	4.29

Engineering Instructors (Comments)

Comment
- What a guy
- Tough at first, but always encourages us and is here for us to learn. UAH NEEDS TO KEEP HIM AND GIVE HIM A BETTER POSITION.
- The Professor created a real time environment by sharing key experiences and how the objectives being taught were applied in real–world situations. This created interest in the subject at hand while also driving home the importance of the material being taught.

Engineering Courses: Summary Table

Question	Course	Department (Engineering General)	College (Engineering)
	Mean	Mean	Mean
I was adequately prepared for the materials of this course.	3.97	4.05	4.28
The course has been effective in advancing my learning.	4.53	4.00	4.32
Class room and other facilities were suitable for this course.	4.36	4.28	4.38
Overall	4.29	4.11	4.32

Engineering Courses (Comments)

I was adequately prepared for the materials of this course.
Comment
- I had no prior experience with programming and was lost at the beginning of the course.
- I don't think from the course description (when enrolling) that I knew what this course entailed but the instructor did have links to required tools (MATLAB/Python) available in the syllabus.

The course has been effective in advancing my learning.
Comment
- It took a while in the class for me to understand key concepts but I do feel it has proved itself to be useful to my learning.

Class room and other facilities were suitable for this course.
Comment
- The class was located in the Nursing building and on Wednesdays, there was a class about 5 minutes before ours was to begin. This meant that the students were often waiting in the hallway until the classroom was available. The classroom itself was suitable and nice for the course.

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	1.60	1.18	1.34
Overall	1.60	1.18	1.34

Engineering Course Participation

I missed _____ class periods this semester.

Comments
2
0
1
2
0
2
0
0
0
0
0
0
2
0
0
1
1
0
0
2
0
3
0
1
1
2

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	2.66	1.94	2.58
Overall	2.66	1.94	2.58