



Welcome to our new online TCE System!

Teacher-Course Evaluation Tool Suite

Office of Instruction and Assessment

Idle logout in 4 hours 0 minutes



Good Morning Alon,

This area provides instructor TCE functions. Begin by selecting your desired instructor function below:



TCE Response Statistics: 22 of 54 (40.74%) students responded

Term	Subject-Catalog-Section Class #	Course Title	Instructor	Dept Name
Fall 2016	CSC-445-001 57436	Algorithms	Efrat, Alon	Computer Science

1) I was treated with respect in this course.

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
strongly agree	5	18	81.82%	4.82	0.39	4.66-4.98
agree	4	4	18.18%	4.82	0.39	4.66-4.98
uncertain	3	0	0.00%	4.82	0.39	4.66-4.98
disagree	2	0	0.00%	4.82	0.39	4.66-4.98
strongly disagree	1	0	0.00%	4.82	0.39	4.66-4.98
No Response	0	0	0.00%			

2) Rate the overall usefulness of in-class meeting time activities (e.g., lectures, labs, discussions, teamwork, etc.) in helping you achieve important course goals and objectives.

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
almost always useful	5	9	40.91%	3.91	1.16	3.43-4.39
usually useful	4	6	27.27%	3.91	1.16	3.43-4.39
sometimes useful	3	4	18.18%	3.91	1.16	3.43-4.39
usually not useful	2	2	9.09%	3.91	1.16	3.43-4.39
almost never useful	1	1	4.55%	3.91	1.16	3.43-4.39
not applicable	0	0	0.00%	3.91	1.16	3.43-4.39
No Response	0	0	0.00%			

3) Rate the overall usefulness of 'outside' (not in class) assignments (e.g., homework, papers, reports, special projects, online, work, etc.) in helping you achieve important course goals and objectives.

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
almost always useful	5	12	54.55%	4.41	0.78	4.08-4.74
usually useful	4	8	36.36%	4.41	0.78	4.08-4.74
sometimes useful	3	1	4.55%	4.41	0.78	4.08-4.74
usually not useful	2	1	4.55%	4.41	0.78	4.08-4.74
almost never useful	1	0	0.00%	4.41	0.78	4.08-4.74
not applicable	0	0	0.00%	4.41	0.78	4.08-4.74
No Response	0	0	0.00%			

4) Rate the overall usefulness of assigned texts and readings (print or online) in helping you achieve important course goals and objectives.

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
almost always useful	5	6	27.27%	3.67	1.25	3.09-4.25
usually useful	4	5	22.73%	3.67	1.25	3.09-4.25
sometimes useful	3	3	13.64%	3.67	1.25	3.09-4.25
usually not useful	2	3	13.64%	3.67	1.25	3.09-4.25
almost never useful	1	1	4.55%	3.67	1.25	3.09-4.25
not applicable	0	4	18.18%	3.67	1.25	3.09-4.25
No Response	0	0	0.00%			

5) Rate the overall usefulness of online instructional tools and technology in this course (e.g., D2L, Blackboard, Panopto, Moodle, etc.) in helping you achieve important course goals and objectives.

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
almost always useful	5	12	54.55%	4.30	1.05	3.84-4.76
usually useful	4	4	18.18%	4.30	1.05	3.84-4.76
sometimes useful	3	3	13.64%	4.30	1.05	3.84-4.76
usually not useful	2	0	0.00%	4.30	1.05	3.84-4.76
almost never useful	1	1	4.55%	4.30	1.05	3.84-4.76
not applicable	0	2	9.09%	4.30	1.05	3.84-4.76
No Response	0	0	0.00%			

6) How difficult was this course for you?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
much more than usual	5	13	59.09%	4.32	0.97	3.91-4.73
more than usual	4	5	22.73%	4.32	0.97	3.91-4.73
about as much as usual	3	2	9.09%	4.32	0.97	3.91-4.73
less than usual	2	2	9.09%	4.32	0.97	3.91-4.73
much less than usual	1	0	0.00%	4.32	0.97	3.91-4.73
No Response	0	0	0.00%			

7) How much have you learned in this course?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
much more than usual	5	7	31.82%	3.91	1.04	3.48-4.34
more than usual	4	10	45.45%	3.91	1.04	3.48-4.34
about as much as usual	3	1	4.55%	3.91	1.04	3.48-4.34
less than usual	2	4	18.18%	3.91	1.04	3.48-4.34
much less than usual	1	0	0.00%	3.91	1.04	3.48-4.34
No Response	0	0	0.00%			

8) How much work is required for success in this course?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
much more than usual	5	11	50.00%	4.27	0.86	3.91-4.63
more than usual	4	7	31.82%	4.27	0.86	3.91-4.63
about as much as usual	3	3	13.64%	4.27	0.86	3.91-4.63
less than usual	2	1	4.55%	4.27	0.86	3.91-4.63
much less than usual	1	0	0.00%	4.27	0.86	3.91-4.63
No Response	0	0	0.00%			

9) How well has your previous learning and course work prepared you for success in this course?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
much more than usual	5	9	40.91%	3.86	1.10	3.40-4.32
more than usual	4	4	18.18%	3.86	1.10	3.40-4.32
about as much as usual	3	6	27.27%	3.86	1.10	3.40-4.32
less than usual	2	3	13.64%	3.86	1.10	3.40-4.32
much less than usual	1	0	0.00%	3.86	1.10	3.40-4.32
No Response	0	0	0.00%			

10) How much effort overall have you put into this course?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
much more than usual	5	11	50.00%	4.23	0.95	3.83-4.63
more than usual	4	7	31.82%	4.23	0.95	3.83-4.63
about as much as usual	3	2	9.09%	4.23	0.95	3.83-4.63
less than usual	2	2	9.09%	4.23	0.95	3.83-4.63
much less than usual	1	0	0.00%	4.23	0.95	3.83-4.63
No Response	0	0	0.00%			

11) The instructor challenges me to think more critically about the concepts related to this course.

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
strongly agree	5	14	63.64%	4.32	1.06	3.88-4.76
agree	4	4	18.18%	4.32	1.06	3.88-4.76
uncertain	3	1	4.55%	4.32	1.06	3.88-4.76
disagree	2	3	13.64%	4.32	1.06	3.88-4.76
strongly disagree	1	0	0.00%	4.32	1.06	3.88-4.76
No Response	0	0	0.00%			

12) The instructor helps me learn by using active learning strategies (for example, in-class discussions, use of clicker-type questions, group projects, small-group activities, or student performances).

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
strongly agree	5	6	27.27%	3.65	1.24	3.11-4.19
agree	4	6	27.27%	3.65	1.24	3.11-4.19
uncertain	3	5	22.73%	3.65	1.24	3.11-4.19
disagree	2	1	4.55%	3.65	1.24	3.11-4.19
strongly disagree	1	2	9.09%	3.65	1.24	3.11-4.19
does not apply	0	2	9.09%	3.65	1.24	3.11-4.19
No Response	0	0	0.00%			

13) The instructor inspires interest in the subject matter of this course.

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
strongly agree	5	10	45.45%	4.09	1.08	3.64-4.54
agree	4	7	31.82%	4.09	1.08	3.64-4.54
uncertain	3	3	13.64%	4.09	1.08	3.64-4.54
disagree	2	1	4.55%	4.09	1.08	3.64-4.54
strongly disagree	1	1	4.55%	4.09	1.08	3.64-4.54
does not apply	0	0	0.00%	4.09	1.08	3.64-4.54
No Response	0	0	0.00%			

14) To what extent did this course require participation in online instructional activities (individual and/or group)?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
much more than usual	5	2	9.09%	2.73	1.09	2.27-3.19
more than usual	4	1	4.55%	2.73	1.09	2.27-3.19
about as much as usual	3	12	54.55%	2.73	1.09	2.27-3.19
less than usual	2	3	13.64%	2.73	1.09	2.27-3.19
much less than usual	1	4	18.18%	2.73	1.09	2.27-3.19
No Response	0	0	0.00%			

15) On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course-related work?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
under 2	1	0	0.00%	6.50	2.11	5.62-7.38
2-3	2	0	0.00%	6.50	2.11	5.62-7.38
4-5	3	0	0.00%	6.50	2.11	5.62-7.38
6-7	4	2	9.09%	6.50	2.11	5.62-7.38
8-9	5	8	36.36%	6.50	2.11	5.62-7.38
10-11	6	4	18.18%	6.50	2.11	5.62-7.38
12-13	7	3	13.64%	6.50	2.11	5.62-7.38
14-15	8	0	0.00%	6.50	2.11	5.62-7.38
16-17	9	2	9.09%	6.50	2.11	5.62-7.38
18-19	10	1	4.55%	6.50	2.11	5.62-7.38
20-21	11	2	9.09%	6.50	2.11	5.62-7.38
22 or more	12	0	0.00%	6.50	2.11	5.62-7.38
No Response	0	0	0.00%			

16) Of the total hours you spent on this class, how many were valuable in advancing your education?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
almost all valuable	5	9	40.91%	4.05	1.02	3.62-4.48
more than half valuable	4	8	36.36%	4.05	1.02	3.62-4.48
about half valuable	3	2	9.09%	4.05	1.02	3.62-4.48
less than half valuable	2	3	13.64%	4.05	1.02	3.62-4.48
almost none valuable	1	0	0.00%	4.05	1.02	3.62-4.48
No Response	0	0	0.00%			

17) I expect a final course grade of:

Response Text	Frequency	Response Percentage
A	6	27.27%
B	6	27.27%
C	8	36.36%
D	1	4.55%
E, F, or Fail	0	0.00%
Pass or Satisfactory	0	0.00%
Other	1	4.55%
No Response	0	0.00%

18) My grade point average is:

Response Text	Frequency	Response Percentage
3.50-4.00	6	27.27%
3.00-3.49	9	40.91%
2.50-2.99	4	18.18%
2.00-2.49	3	13.64%
below 2.00	0	0.00%
No Response	0	0.00%

19) My class is:

Response Text	Frequency	Response Percentage
freshman	0	0.00%
sophomore	0	0.00%
junior	2	9.09%
senior	20	90.91%
graduate student	0	0.00%
other	0	0.00%
No Response	0	0.00%

20) In my academic program, this course is best described as:

Response Text	Frequency	Response Percentage
an elective	1	4.55%
required and in major area	21	95.45%
required, but not in major	0	0.00%
program requirement (e.g., GenEd)	0	0.00%
other	0	0.00%
No Response	0	0.00%

21) Your major area of study?

Response Text	Frequency	Response Percentage
agriculture	0	0.00%
architecture	0	0.00%
business or public admin	0	0.00%
education	0	0.00%
engineering, mining, computer science	22	100.00%
fine, performing or media arts	0	0.00%
health related professions	0	0.00%
humanities	0	0.00%
life sciences	0	0.00%
physical sciences, math	0	0.00%
social and behavioral sciences	0	0.00%
other	0	0.00%
No Response	0	0.00%

22) What is your overall rating of this instructor's teaching effectiveness?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
almost always effective	5	9	40.91%	4.05	0.93	3.66-4.44
usually effective	4	6	27.27%	4.05	0.93	3.66-4.44
sometimes effective	3	6	27.27%	4.05	0.93	3.66-4.44
rarely effective	2	1	4.55%	4.05	0.93	3.66-4.44
almost never effective	1	0	0.00%	4.05	0.93	3.66-4.44
No Response	0	0	0.00%			

23) What is your overall rating of this instructor compared with other instructors you have had?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
one of the most effective	5	7	31.82%	3.50	1.23	2.99-4.01
more effective than usual	4	3	13.64%	3.50	1.23	2.99-4.01
about as effective as usual	3	7	31.82%	3.50	1.23	2.99-4.01
less effective than usual	2	4	18.18%	3.50	1.23	2.99-4.01
one of the least effective	1	1	4.55%	3.50	1.23	2.99-4.01
No Response	0	0	0.00%			

24) What is your overall rating of this course?

Response Text	Response Value	Frequency	Response Percentage	Mean	Std Dev	95% Interval
one of the best	5	5	22.73%	3.50	1.12	3.03-3.97
better than usual	4	6	27.27%	3.50	1.12	3.03-3.97
about the same as usual	3	7	31.82%	3.50	1.12	3.03-3.97
worse than usual	2	3	13.64%	3.50	1.12	3.03-3.97
one of the worst	1	1	4.55%	3.50	1.12	3.03-3.97
No Response	0	0	0.00%			

25) What did you especially like about this course?

Response Text	Frequency	Response Percentage
discussing the tree data structures. Very interesting and have so many applications.	1	4.55%
I actually understood WHY I was learning the things that were being taught.	1	4.55%
I liked that the tests were fair: allowing notes, problems less critical than the homework. I felt prepared to be tested	1	4.55%
I liked the topics toward the end of the semester such as LCS and Quad trees.	1	4.55%
I really enjoyed the concepts presented because they are directly applicable to real world scenarios and technical interview questions.	1	4.55%
If you can understand the homework and work through it with others then you will learn a lot and develop skills for coming up with algorithms.	1	4.55%
Information was very relevant to our future.	1	4.55%
It makes me think about every possible aspect of problems.	1	4.55%
its an interesting course	1	4.55%
Liked how many different topics are covered.	1	4.55%
Really liked the grading style and the material covered. They've all been really interesting materials.	1	4.55%
Some of the algorithms discussed were very interesting.	1	4.55%
Some of the assignments that are giving in this course genuinely were real thought provokers that, when solved, gave a real sense of accomplishment. Also to note, the teaching staff were present through the whole thing and put much time and effort into office hours. Their efforts in helping make sure students understand the material garners commendation	1	4.55%
Teacher was always willing to spend time and help you understand the material. I also really find algorithms interesting and wish it was something I better understood.	1	4.55%
The first half was all review from 345, that was nice.	1	4.55%
The instructor	1	4.55%
This course introduced me to interesting data structures and algorithms, and broadened my understanding of what structures can be used in niche situations.	1	4.55%
Tough questions	1	4.55%
No Response	4	18.18%

26) What did you especially like about the way this instructor taught the course?

Response Text	Frequency	Response Percentage
Allowing access to lecture recordings from this session and from previous sessions. This allowed me to go over concepts multiple times.	1	4.55%
Alon is a gansta like his shirt says	1	4.55%
Efrat is incredibly nice and has a good sense of humor.	1	4.55%
Good interaction	1	4.55%
He is very interactive and makes us think in ways we have not yet to do.	1	4.55%
He made himself available to answers questions and usually very responsive to online questions through Piazza.	1	4.55%
He recorded his lectures, which was nice since he is very hard to understand.	1	4.55%
He records most lectures and important things in office hours.	1	4.55%
He seems generally enthusiastic and interested in this field. He also seems to care if we actually learn from him.	1	4.55%
He was very passionate	1	4.55%
I liked how he cared about the individual performance of his students.	1	4.55%
I liked that he posted his lectures as videos online.	1	4.55%
I really enjoyed lectures and the fact that they were recorded so that we could go back and review content if we didn't understand it the first time.	1	4.55%
Including the coffee was an incredible add, I don't know what I would have done without it. I also like how you took time to ask students for answers/clarity instead of constantly going on. It really helped to make sure we understood what was going on and weren't mindlessly sitting in class.	1	4.55%
Nice mix of theory and concrete applications.	1	4.55%
Required critical thinking with respect to the material presented, not just to regurgitate information.	1	4.55%
The structure of each of the individual segments of the class (ex Stable marriage algorithm, Dynamic programming, graphs) are well organized	1	4.55%
We cover a lot of different algorithms which I liked, but I wish we were able to spend more time on them individually.	1	4.55%
No Response	4	18.18%

27) What suggestions would you make to improve this course?

Response Text	Frequency	Response Percentage
Better help towards assignments and knowing what was wrong without going to office hours	1	4.55%
Give more examples of homework problems in class.	1	4.55%
Have a simulation or two to show the execution an or some of the algorithm(s).	1	4.55%
Have us actually program the stuff we're learning.	1	4.55%
I would prefer a more rigorous treatment of the material. Many of the proofs are "hand-wavey."	1	4.55%
Less written homework and more programs.	1	4.55%
more inclass examples on the board	1	4.55%
More review at the beginning of the semester.	1	4.55%
n/a	1	4.55%
N/A I think this has been really well done!	1	4.55%
none	1	4.55%
nOT a THING	1	4.55%
nothing	1	4.55%
Please update your homework instructions so that the intention is clear. There were many cases where I could not figure out what a question was asking of me without seeking clarification from TA's or the instructor. It would also be helpful if more feedback was given on homework. I often had no idea why I got a question right or wrong. The entire experience felt subjective and confusing, and I still have no idea if I truly understand these concepts or not.	1	4.55%
Possibly a homework assignment that would specifically require group work so that we could get more experience working in teams and presenting our ideas in a team environment.	1	4.55%
The material on the homeworks needs to correspond more closely to lecture and textbook material or at least be supplemented with online reading. I cannot tell you the number of times that I would see a problem that might be loosely based on a concept covered in class but would then take it in a direction we have never covered. Without extensive Googling skills and seeking help from the instructors I would never have been able to get the answers with just the lecture and textbook material.	1	4.55%
Try to schedule the assignments better because there were conflicts with assignment 4 and the exam and assignment 6 with thanksgiving holiday.	1	4.55%
Tying together each of the individual segments of the class into a more cohesive manner would help students with the structure of the class. There is no gradual ramp into any of the problems, or any sort of base understanding from which to jump for many of the assignments. If more of the questions lead into other questions then it would help to tie everything together better	1	4.55%
No Response	4	18.18%

28) What suggestions would you make to improve the way this instructor taught the course?

Response Text	Frequency	Response Percentage
.	1	4.55%
A lot of times the homework asks questions that the class material has really not prepared us for at all. Many homework questions are way harder than necessary, and "way" harder than questions on the actual tests. If the instructor eased the difficulty of the homework just a little it would be nice. He could even raise the difficulty level of test questions a bit and make them line up.	1	4.55%
Fewer powerpoints and more in class discussions.	1	4.55%
Give more examples of homework problems in class.	1	4.55%
I think the slides need to be more clear and have a set format. I think for each subject it would be good to have clear pseudo-code, clear run time, clear proofs, etc. That information was almost always there but it was usually jumbled up. I think the instructor needs to be more interactive with the students. Rarely did he ask questions for students to answer. Maybe once a class but that's it.	1	4.55%
Is there a way to infuse more practice for these kind of problems? Each homework is about ten (usually) hard problems, which are great for assessing a student but it makes it hard for students to learn based on their homework, especially when students want to get a good grade.	1	4.55%
Lecture recordings for every lecture.	1	4.55%
More on the board work during class. I personally don't work well with silde shows	1	4.55%
n/a	2	9.09%
none	2	9.09%
nothing	1	4.55%
Please make clean links between homework questions and their solutions. There were several times where I could not figure out a solution to a problem without talking to other students who had gotten information from TA's during office hours. I have heard several accounts (and now experienced it myself) that the only way to pass this class is to go to office hours. This may be related in part to the fact that some of the problems we solved were niche, and won't apply to many job situations.	1	4.55%
Possibly asking a student or two to also record lecture in the event that quality of professor's video is not perfect.	1	4.55%
Provide more comments and explanation of the proofs on the slides. Also try to include more visual aids in the lecture, just putting a slide of math equations does not help me to learn.	1	4.55%
SEE ABOVE	1	4.55%
Slow a steady pace while talking in lecture. Sometimes you do speak too fast.	1	4.55%
No Response	4	18.18%

29) Please write any additional comments you may have below.

Response Text	Frequency	Response Percentage
.	1	4.55%
Efrat is great	1	4.55%
Get a different professor to teach it. Maybe Russ Lewis? Anyone who speaks English better.	1	4.55%
I found a stark difference in the way the TAs graded and the way the instructor graded. Since the TAs graded all the homework, I think they were easier on us than they should have been, which set us up for failure when it came to the test. I think this discrepancy could be mitigated by either giving better feedback for homework, grading consistently between homework and the tests, or understanding the instructor's expectations before taking the test.	1	4.55%
I really enjoyed the grading scale of this class, where which test (midterm or final) you do better on gets an extra 12% of weight. I've never seen a scale like that before and I think it actually works out really well.	1	4.55%
I really enjoyed this class overall. I never anticipated doing so well and understanding the concepts as well as I have. This is a direct result of the amount of overall effort and help received in office hours.	1	4.55%
N/A	4	18.18%
NO	1	4.55%
No additional comments.	1	4.55%
none	2	9.09%
Please do not have a assignment due during the Holiday weekend for the next class. Some, like my self, are out of town during that time and may not be able to turn in the homework on the due date.	1	4.55%
Thank you for all the help.	1	4.55%
Thanks for a great year and all of the coffee, this course has really helped me to feel like a Computer Science major!	1	4.55%
The time that the teaching staff put into office hours is applause worthy.	1	4.55%
No Response	4	18.18%

The Office of Instruction and Assessment in the Manuel Pacheco Integrated Learning Center
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