UNIVERSITY OF TORONTO

UTSC Winter 2025 UG Course Evaluation Report

Please review the Step-by-Step Guide to Reviewing Your Course Evaluations for instructors to assist with interpreting your report(s).

Content of Course Evaluation Reports

The University of Toronto's Cascaded Course Evaluation Framework (CCEF) offers the opportunity for students to provide feedback on their own learning experiences. The CCEF comprises institutional items, divisional items, departmental items as well as instructor-selected items. More information about the CCEF is available on the course evaluations website.

While interpreting course evaluation results, it is important to keep the following in mind:

Course evaluations provide student perspectives on their learning experiences in the course and experts on teaching evaluation advise that no individual method gives the complete picture of an instructor's teaching effectiveness. Moreover, in the U of T context, other factors such as class size and class level were found to cause small variations in the numerical ratings.

This report contains four sections:

Section 1: Quantitative Data	**Section 2: Instructor-Selected Items**	**Section 3: Comparative Data**	**Section 4: Qualitative Comments**
Results of institutional, divisional, and departmental rating-scale items.	Results of rating-scale items you have selected during the Item Selection period **this term.**	Comparative results of this course vs. all courses evaluated in the department and/or division **this term.**	Unedited student responses to the institutional open-ended questions.

Statistical Terms Used in this Report

Mean: The mathematical average.	**Median:** The middle value when all responses are ordered. Less sensitive to extreme and/or divergent scores.	**Mode:** The most frequently occurring score.	**Standard Deviation:** A measure to indicate the "spread" of the scores.

The Institutional Composite Mean (ICM): A mathematical average of the first five institutional rating scale items (Ins01-05), which represent institution-wide teaching and learning priorities.

The 2018 Validation Study established the reliability and validity of using the ICM as a metric to understand students' collective experiences.

% of Endorsement: The percentage of respondents that selected the two most positive response options ("A Great Deal" and "Mostly" combined in Ins01 to Ins05; "Excellent" and "Very good" combined in Ins06).

UTSC Winter 2025 UG Course Evaluation Report for Francisco Estrada

Course Name: Intro to Computer Science II CSCA48H3-S-LEC02
Delivery Mode: INPER

Division: UTSC
Department: CMSSC

Raters	Students
Responded	133
Invited	159
Response Ratio	84%

Section 1: Course Evaluation Results - Quantitative Data

This section provides a figure and statistical information about institutional, divisional, and departmental rating-scale items. Please see Section 4 for open-ended responses.

For the 6 institutional items (Ins01 to Ins06), the two sets of scales and the associated numerical values are:

Ins01-Ins05	**Ins06**
Not at all-1	Poor-1
Somewhat-2	Fair-2
Moderately-3	Good-3
Mostly-4	Very Good-4
A Great Deal-5	Excellent-5

Divisional and departmental items may use scales different than the two noted above.

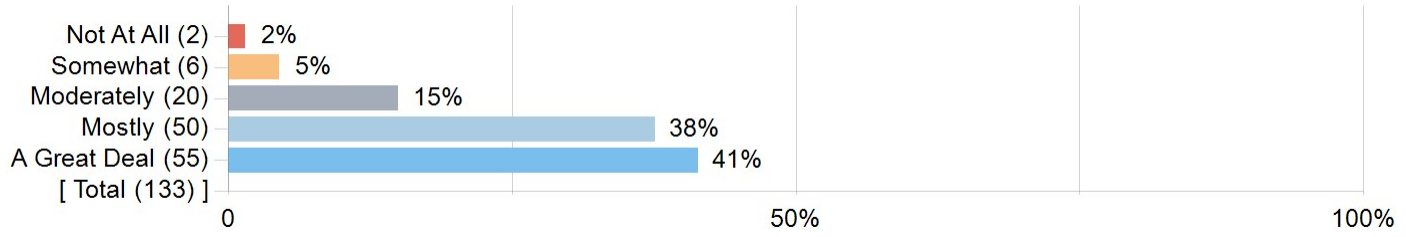
The bar graphs provide the number and percentage of respondents selecting each answer option for each item. The distribution of answer options in the bar graphs gives the most complete information about the typical student response and the variability in the distribution of responses. When interpreting course evaluation results, the bar graph provides more nuanced information than any summary statistic alone.

Mean, Median, Mode and Standard Deviation are calculated from the numerical values of each answer option.

“% of Endorsement” indicates the percentage of respondents that selected the two most positive response options (“A Great Deal” and “Mostly” combined in Ins01 to Ins05; “Excellent” and “Very good” combined in Ins06). Please note that divisional and departmental items might use scales that are not in ascending order and thus “% of Endorsement” is only provided for institutional rating-scale items.

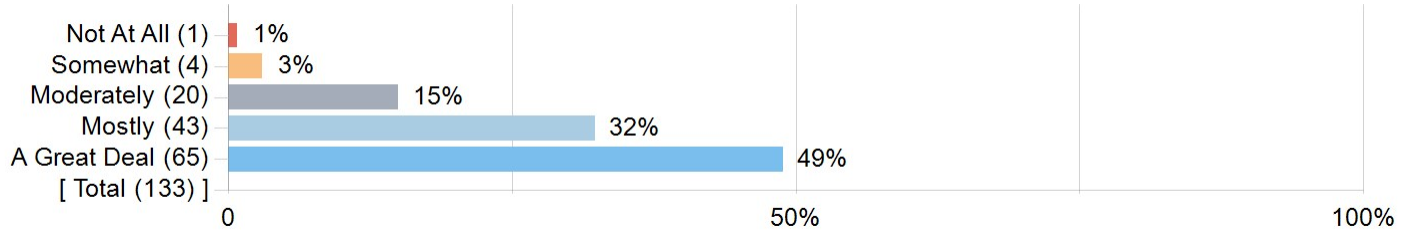
Institutional Items

Ins01. I found the course intellectually stimulating.



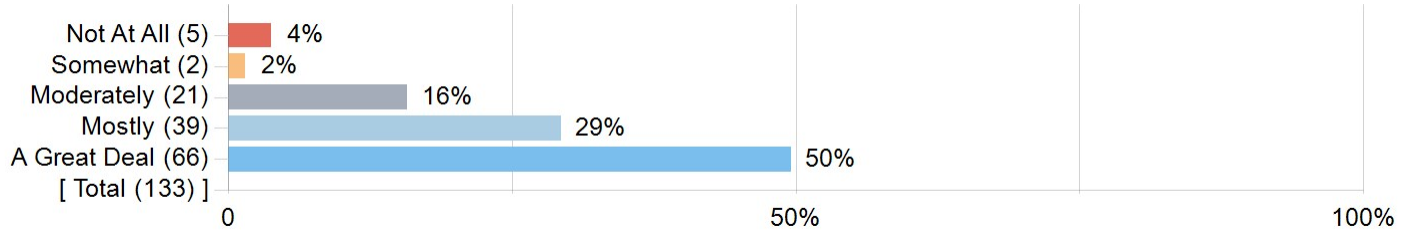
Statistics	Value
Mean	4.1
Median	4.0
Mode	5
Standard Deviation	0.9
% of Endorsement	79%

Ins02. The course provided me with a deeper understanding of the subject matter.



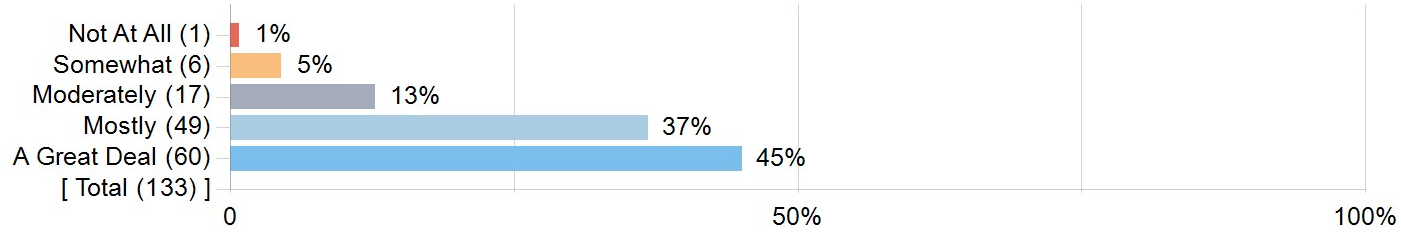
Statistics	Value
Mean	4.3
Median	4.0
Mode	5
Standard Deviation	0.9
% of Endorsement	81%

Ins03. The instructor (Francisco Estrada) created an atmosphere that was conducive to my learning.



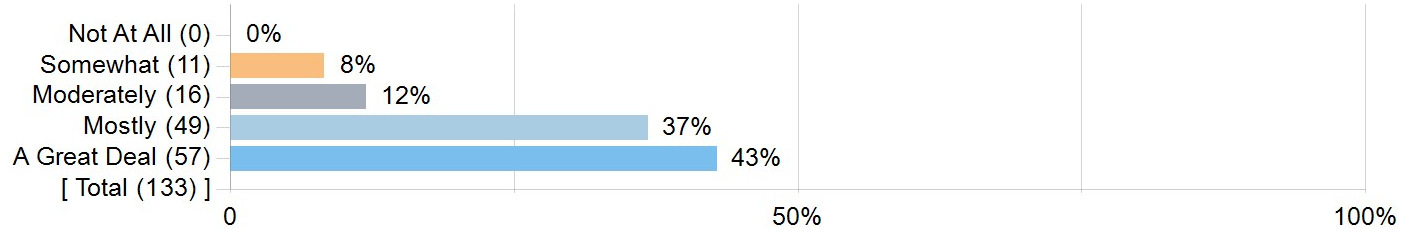
Statistics	Value
Mean	4.2
Median	4.0
Mode	5
Standard Deviation	1.0
% of Endorsement	79%

Ins04. Course projects, assignments, tests, and/or exams improved my understanding of the course material.



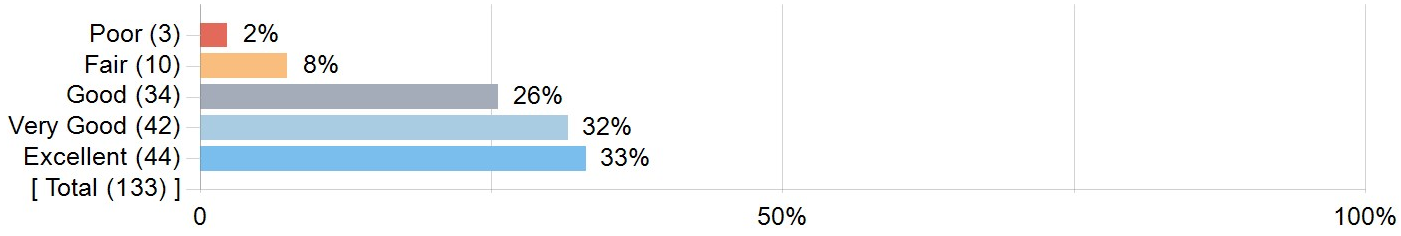
Statistics	Value
Mean	4.2
Median	4.0
Mode	5
Standard Deviation	0.9
% of Endorsement	82%

Ins05. Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.



Statistics	Value
Mean	4.1
Median	4.0
Mode	5
Standard Deviation	0.9
% of Endorsement	80%

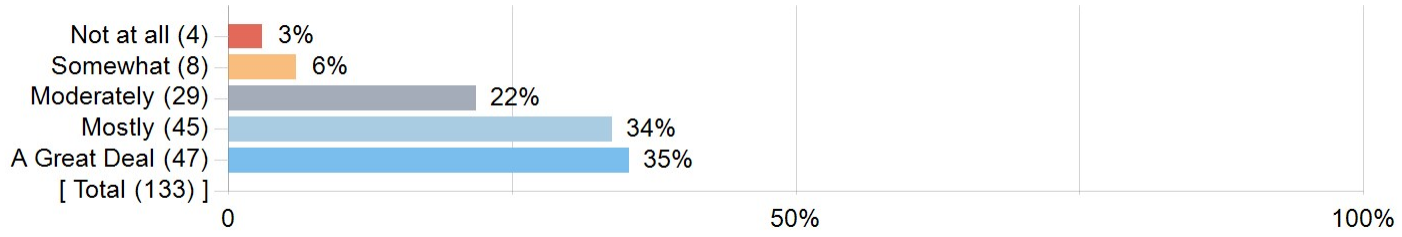
Ins06. Overall, the quality of my learning experience in this course was:



Statistics	Value
Mean	3.9
Median	4.0
Mode	5
Standard Deviation	1.0
% of Endorsement	65%

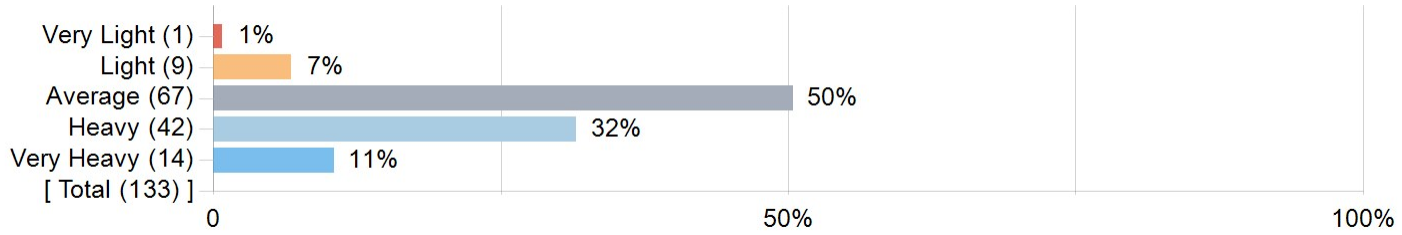
Divisional Items

UTSC001 The course inspired me to think further about the subject matter outside of class.



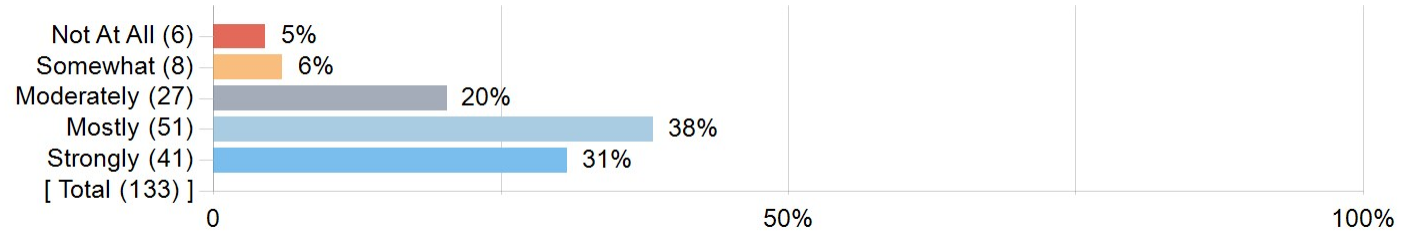
Statistics	Value
Mean	3.9
Median	4.0
Mode	5
Standard Deviation	1.0

UTSC002 Compared to other courses, the workload for this course was:



Statistics	Value
Mean	3.4
Median	3.0
Mode	3
Standard Deviation	0.8

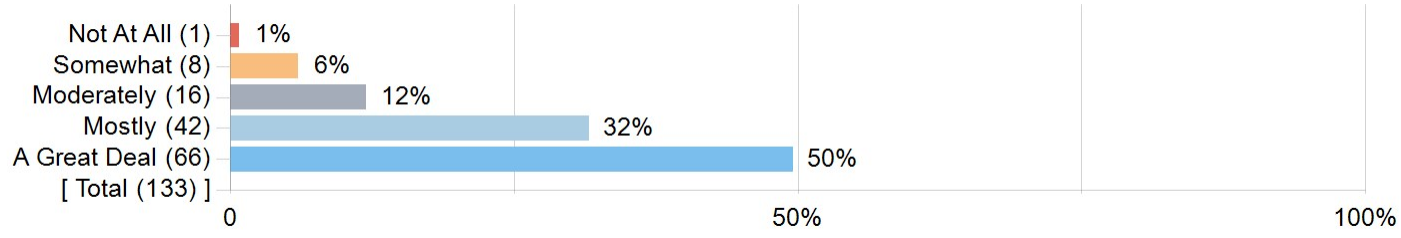
UTSC003 I would recommend this course to other students.



Statistics	Value
Mean	3.8
Median	4.0
Mode	4
Standard Deviation	1.1

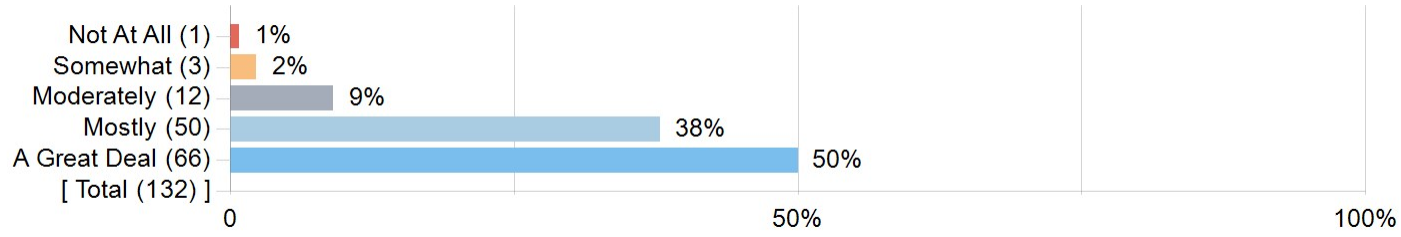
Departmental Items

UTSCCMS001 The course instructor (Francisco Estrada) explained concepts clearly.



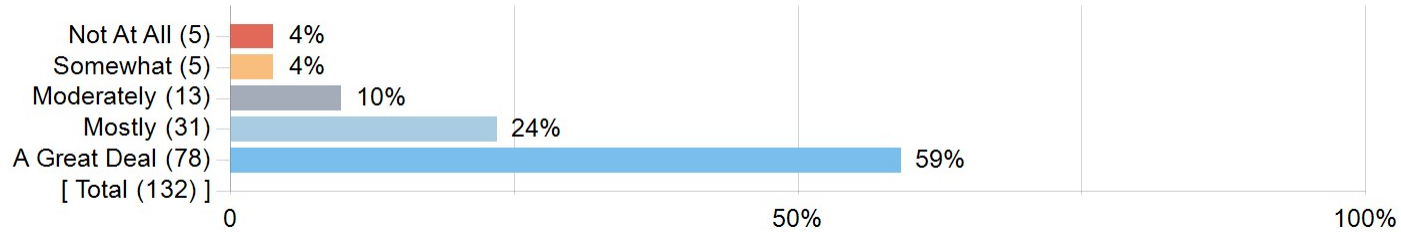
Statistics	Value
Mean	4.2
Median	4.0
Mode	5
Standard Deviation	0.9

UTSCCMS002 Course assignments, projects, tests, and/or papers highlighted important concepts of the course.



Statistics	Value
Mean	4.3
Median	4.5
Mode	5
Standard Deviation	0.8

UTSCCMS003 The course instructor (Francisco Estrada) encouraged students to ask questions about the course material.



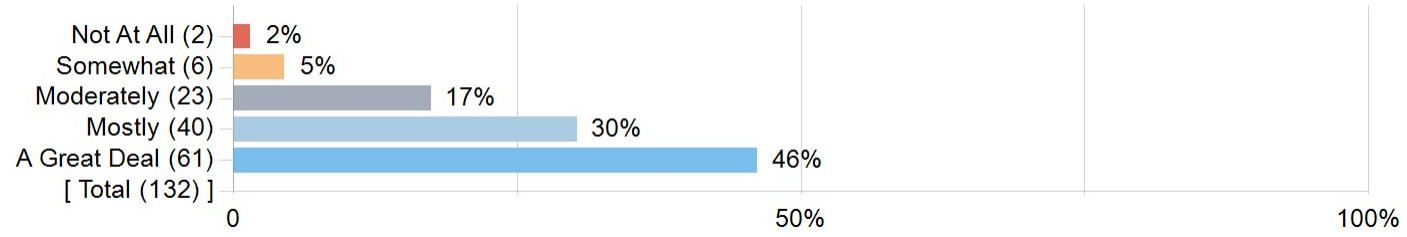
Statistics	Value
Mean	4.3
Median	5.0
Mode	5
Standard Deviation	1.0

Section 2: Instructor-selected Items

This section provides the results of the quantitative items you selected from the item bank during the question personalization period. These results are available only to you as they serve for personalized formative feedback.

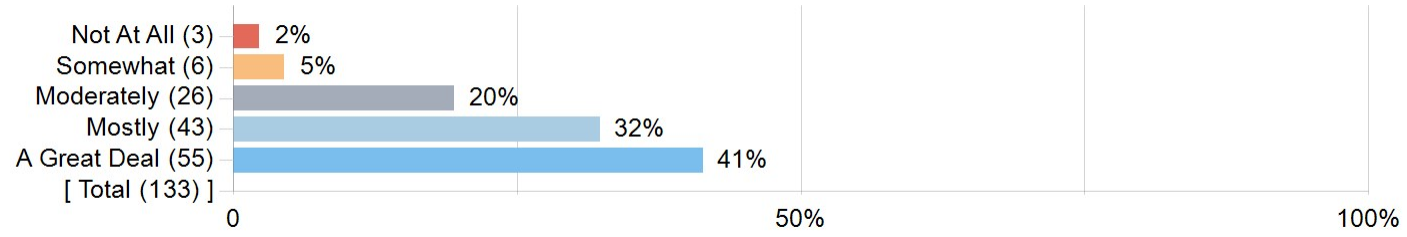
Please note instructor-selected items are *not included* in the administrative report provided to your department.

C-2. The course instructor (Francisco Estrada) explained concepts clearly.



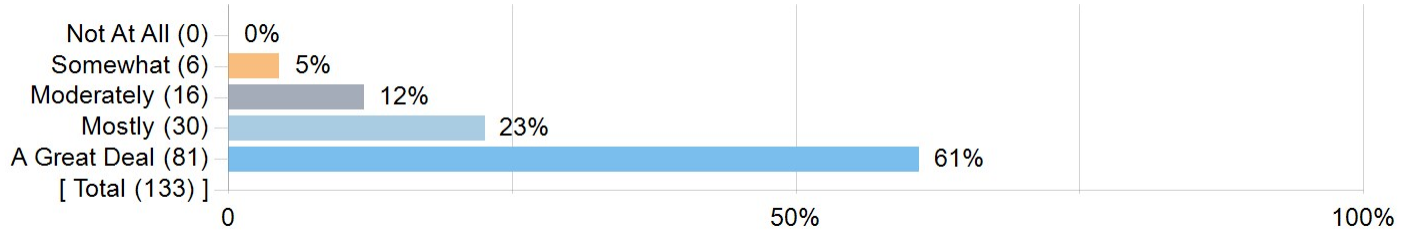
Statistics	Value
Mean	4.2
Median	4.0
Mode	5
Standard Deviation	1.0

K-1. Course lectures improved my understanding of the course material.



Statistics	Value
Mean	4.1
Median	4.0
Mode	5
Standard Deviation	1.0

K-6. The course textbook and/or readings contributed to my learning of the subject matter.



Statistics	Value
Mean	4.4
Median	5.0
Mode	5
Standard Deviation	0.9

Section 3: Comparative Data

This section provides comparative information (i.e., means and medians) between the results of this course and those of all courses evaluated in the department (if applicable) and/or in the division **in this term**.

Please note that means for the department/division are weighted by the number of respondents so courses with higher numbers of respondents carry more weight in the calculation of the departmental/divisional mean values.

The departmental and divisional median values are the middle values when responses from all courses are ordered.

Departmental/divisional mean and median values are provided for comparison but due to other course factors that may influence the responses for a course, they should not be regarded as definitive benchmarks.

Institutional Composite Mean (ICM): A mathematical average of the first five institutional rating scale items (Ins01-05).		
Course	**Department**	**Division**
4.2	**4.0**	**4.1**

Institutional Items	Course Mean	Dept Mean	Div Mean	Course Median	Dept Median	Div Median
Ins01. I found the course intellectually stimulating.	4.1	4.0	4.0	4.0	4.0	4.0
Ins02. The course provided me with a deeper understanding of the subject matter.	4.3	4.0	4.1	4.0	4.0	4.0
Ins03. The instructor (Francisco Estrada) created an atmosphere that was conducive to my learning.	4.2	4.0	4.2	4.0	4.0	5.0
Ins04. Course projects, assignments, tests, and/or exams improved my understanding of the course material.	4.2	4.0	4.0	4.0	4.0	4.0
Ins05. Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.	4.1	4.0	4.0	4.0	4.0	4.0
Ins06. Overall, the quality of my learning experience in this course was:	3.9	3.6	3.8	4.0	4.0	4.0

Divisional Items	Course Mean	Dept Mean	Div Mean	Course Median	Dept Median	Div Median
UTSC001 The course inspired me to think further about the subject matter outside of class.	3.9	3.6	3.8	4.0	4.0	4.0
UTSC002 Compared to other courses, the workload for this course was:	3.4	3.5	3.2	3.0	3.0	3.0
UTSC003 I would recommend this course to other students.	3.8	3.6	3.8	4.0	4.0	4.0

Departmental Items	Course Mean	Dept Mean	Course Median	Dept Median
UTSCCMS001 The course instructor (Francisco Estrada) explained concepts clearly.	4.2	4.0	4.0	4.0
UTSCCMS002 Course assignments, projects, tests, and/or papers highlighted important concepts of the course.	4.3	4.1	4.5	4.0
UTSCCMS003 The course instructor (Francisco Estrada) encouraged students to ask questions about the course material.	4.3	4.2	5.0	5.0

Section 4: Qualitative Comments

Please note that unedited student responses are presented here in random order.

When reviewing student responses, look for common themes and focus on actionable feedback. For assistance interpreting your report(s), please see details on the Step-by-Step Guide to Reviewing Your Course Evaluations for Instructors.

Ins07. Please comment on the overall quality of the instruction in this course.

Comments
Overall, the quality of the instruction of the course was splendid. I greatly appreciated how we were able to ask meaningful questions and the instructor was able to give a meaningful answer. It was a great way to ensure we understand the material from all angles and cover any small but technical cases. This is in contrast with other courses in which answers to questions weren't as expanded upon and not answered in the best manner.
The quality of instruction in this course is amazing. Paco makes sure to create a joyful and respectful atmosphere for teaching to take place, where students can freely ask questions without fear of being judged. He also makes sure to explain complex concepts in detail and makes sure everyone is on the same page before moving on. The course is nothing short of amazing!
Although the instruction is pretty clear, I believe many other courses including CSCA48 seem to have an unbalanced audience and some part of the audience will be left out or behind in the lecture material and overall context of the course, since most of the students are international, they are chosen to get in UofT as a top of top from each high–level high schools of their city/country, compared to local students which mainly finish high school in TDSB level which are totally incomparable when it comes to the basics and knowledge that the majority has in this department. And so, while the head offices, professors and TA's have their standards high for what is expected for students to know on a basic level which is ideal for international students that are top scoring students, but while that high standard teaching is in action, local students would feel very behind and lost and will have much much more to work on and struggle with.
very good!
I loved this course. The quality of instruction was very high; Professor Paco would give us a very fleshed out and comprehensive view of the textbook that supplemented our programming foundation. The way he taught us about every concept, one step at a time while building on previous knowledge, was wonderful in cementing our knowledge as there was never a moment when I felt I didn't understand something after we took it up.
Overall, the course itself is quite interesting. The professor creates an interactive atmosphere which makes the students enthusiast with the course. However, there are some things that I don't really like: 1. The material preparation for the course are not "auditory–friendly" which sometimes, there are some important materials that I don't understand. Maybe by having video materials (like PCRS from CSCA08) will help increasing understanding. 2. Sometimes there are some vague instructions from assignment which is very important and needs clarification, but when it was asked, it responded like "Make a reasonable assumption" which discourage students to seek help. (If that instruction can be solved using our assumption and someone ask, then it is reasonable it responded like that, however there are some vague instructions and cannot be solved using our assumption)
Chapter notes were really good. Other than that it was well structured and I enjoyed CSCA48.
I love it, I will take any courses that Paco teaches.
I was very excited to take this course as the content is very interesting. However after taking it with Paco, I decided to change my specialty to Finance. I find the course content to be outdated and did not feel inspired to continue with Computer Science courses. We should be encouraged to use AI as this is the future and I have a strong interest in AI that is not available to Management students. This is a very heavy course and Paco could of made a difference in helping me feel confident in succeeding in this course. Instead his teaching style is intimidating. He presented too much information instead of simplifying the content for students with different learning styles. It would be helpful for the lectures to be recorded so that I can re–watch. After the midterm, I felt like there would be no way to recover. He never gave us the opportunity to catch up. I lost all my motivation in the subject. I am normally very good with quantitive work and if it were taught by another professor, like Brian Harrington or Professor Gawde, my final grade would of been an A. Professors need to understand the pressure that students are under. Always best to be positive and encouraging and recognize different learning styles and always be supportive so students will want to come to office hours. Most importantly is to make the course fun and engaging! Lastly, I would not recommend this program for any Management students as it's irrelevant to IT students. Instead Management

Comments
should have their own faculty teaching IT who understand the needs of Management students.
This course was great, the instructor's and TAs were all very welcoming and helpful with any problems. The lectures were very engaging and fun to attend!
The course is great, the professors are enthusiastic and compelling, the assignment are very challenging and very helpful, the only thing I feel is lacking is that the solutions are not directly provided, and you have to go to office hours to verify your work.
Paco is a wonderful professor, who keeps his students engaged and eager to participate in lectures!
Great
Very interactive and enjoyable. Positive environment.
he teaches as the way of thinking questions and how to write the code, which makes me understand more algorithms
Mr. Estrada was great at teaching core concepts about computer science, the way he explains them is very clear and easy to understand, and the code he would give us as examples during lectures always included all the concepts taught during class.
The course was very good in helping teach problem solving skills. I enjoyed the assignments as they were challenging and fun, and they also helped me remember the material better.
The course was well–balanced between theories and their applications. The weekly practices provide me with opportunities to improve my problem–solving skills, and the assignments naturally introduced me to the actual implementation of the concepts I have learned. The second and third assignments were incredibly insightful. We dealt with BST, recursion, and graphs in those assignments, and they conveyed very well what we can do with our knowledge. I hope the other students taking this course will also have this great experience I had. Nevertheless, it would be better if there were more precise instructions for assignments. I often encountered a mismatch between the handout and starter code comments that confused me.
All of the content was taught clearly with very informational lecture notes.
I really enjoyed pacos, lectures actually induced learning, they weren't just slides he read off, and he actually really knows what he's talking about. My absolute favourite thing about Paco's lectures is how good he is at keeping lectures on topic. often in the CMS lecture people like to ask question far beyond the topic/scope of the lecture, Paco is very good at not taking the bait and rambling about topics/ideas that wouldn't be helpful to any student since it doesn't relate to the topic at hand. I really appreciated this about Taco, kept his CS lectures a lot more streamline, and focused.
(For Paco) instruction was good. However, Paco was a bit fast at times, where I didn't know what was being explained or why what was being explained had importance
Very good
Not bad
Paco has a great enthusiasm for teaching, and his classes are very fun to attend. There are often mistakes during the lectures, and he does not tend to want to steer off–course to explain concepts in more detail
Lectures are OK, sometimes confusing, instructions for weekly exercises are not clear enough.
The overall quality of the instruction in this course was great. Francisco Estrada makes a very understandable and active learning environment, providing notes that are also informational and easy to understand. He provides a lot of useful resources for help, such as weekly office hours, frequent responses and announcements to Piazza and he walks around during lecture to provide help. His textbook notes are also very informational and easy to read. One thing I would point out that hinders the quality of the instruction in this course is at times, during the two hour lectures he would not provide a break. That makes the class very tiresome and hard to learn. But recently, he has been giving us breaks or letting us leave early. So overall, I would say this course is very well run.
Things were well explained, however having no breaks sometimes made it difficult to follow in 2 hour lectures
Lectures are great, the textbook is also very detailed and very coherent.
The course is really well structured with its contents on C and then expand the idea to data structure. And Prof Paco is really fun! :)
Every lecture, Paco brings his passion to his teaching, which makes lectures very engaging. Throughout the lecture, he helps us understand many examples and uses of the material we are learning. Overall, the quality of the instruction of this course was very good.
It was very engaging!
The classes are engaging and very intuitive. The pace can go a little fast at times, but some revision should keep you up to speed.
It is good.
Paco is one of the most engaging professors I have ever had the experience to meet. Outstanding! No gap for any negative feedback, I really like his pace, rhetorical (and not rhetorical) questions, really textbook based with a pinch of real life problems lectures. "Oh but there are too many assignments/quizzes every week", I believe these quizzes really push me forward not only to be on top of what is being taught, but also to really test how much have I learned on that specific topic and if I need any additional guidance. Congrats, Paco!
Totally awesome, Paco is very straightforward in his lectures—teaches course content in sophisticated–manner. He takes no time

Comments
to delay in order to correct mistakes and creates a lively environment in the lecture rooms.
Paco is a great professor in terms of activating the class, and he brings energy to the whole class even if he's under the weather. However, sometimes the class is a fast–paced when introducing new concepts. It would be great if professor could speak a bit more slowly, so that I can catch up. The course assignments or weekly exercises are helpful tools in terms of consolidating our understanding of the data structures and algorithms.
good
While the C programming focus isn't directly related to my future career in statistics, I still found the course helpful in strengthening my problem–solving and coding skills. Francesco Estrada (Paco) was an excellent instructor, making complex concepts clear and engaging.
The quality was amazing. Very interactive and well delivered. The prof kept thing interesting and made us collaborate well to enhance our understanding.
Great
good
The class was poorly taught; instead of answering questions, all the instructor did was reply with "make a reasonable assumption." However, I do not think he understands what the word "reasonable" means. Assignment instructions were unclear, with many mistakes in the starter code creating confusion and contradictions.
The lectures and assigned readings were comprehensive and useful, though the tutorials left a bit to be desired at times. Questions were often answered promptly on Piazza, (though it got a bit frustrating at times being told to make "reasonable assumptions") and assignments/exercises were graded fairly.
I think the instruction is really good, the experience in this course is very impressive and memorable.
awesome.
It's solid but sometimes can be confusing, especially on assignments
It was good thanks to the professor Paco.
The overall quality of the instruction in thes course is good. The assignments stimulates my understanding for the concept.
The lectures complemented the text book readings well.
Overall, the instruction in this course was done very well. I believe a large part of that was due to the learning environment that my professor, Francisco Estrada, created during the lectures. Questions were encouraged, and lead to exploring concepts in further detail, whereas in other lecture sessions this did not happen. I believe that this is one of the best ways to teach computer science, as complex concepts are approached from different perspectives. In addition, the small module on Ethics was done extraordinarily well, exceeding my expectations for such a session. I believe that it was a valuable experience that should be continued in future years.
Course quality was good. Instructors were knowledgeable and lecture notes were reliable.
He made the class very engaging giving out chocolate. He was very welcoming and explained things with great detail.
The course was excellent in every aspect, however, the assignments should be weighted more as I think they are underweight compared to the exams and midterm.
The prof was very interactive during lectures.
Paco is very enthusiastic and ready to help all the time. Very friendly and explains well :) Notes are very helpful.
High quality. Organized, well thought–out.
Generally good. The best part is we get the lecture notes in advance for preview so I can always keep up with lecture content. Instructor Paco made the idea clear and systematic.
I found the class to be engaging as Paco would give us chocolate to incentivize students to answer the questions. These questions not only answered the doubts I had, but also answered questions that I did not think about. He covered the details of the course carefully, which helped me understand the course better.
Good
The instructor was very active in Piazza, office hours were easily available, and the lectures were very active. He encouraged people to speak up and read the lecture notes, as well as participate in class with the use of chocolates. Very easy to follow and learn from and overall, it is great instruction!
It was alright, nothing special but nothing bad.
Lectures were interactive and helpful in identifying common mistakes and exploring textbook problems in detail. They were also interesting. However, I think that the grade weights were skewed to benefit those who do well in exam conditions. With only 5% being attributed

Comments
to weekly exercises, there is little benefit (grade–wise) to being a student who can solve these problems well. I know other courses at UTSC have flexible weights, for example the final is worth anywhere from 30–75% of the grade depending on a student's performance in the other aspects of the course. I think this approach would be hugely beneficial to the students in this course that struggle with exam anxiety.
Very good
The overall quality of the instructions in this course is good, but some instructions for the assignments can be more straightforward to understand.
The overall quality of instruction in this course was very good. The lectures were clear and well–structured, and the instructor explained complex concepts in a way that was easy to follow.
The course was thought out and planned very well. The readings complemented the lectures and vice verse. I really enjoyed this course!
1
Very good everyone was very helpful and professor Paco explained topic really well.
The instruction was overall great.
good
Really nice course I loved learning in it and it was very organized
Paco made the learning environment SO safe, and SO healthy. This was a REAL environment where I felt comfortable making mistakes. He has the kindest aura <3 His notes were very clear, and the way he taught A48 in the course was in depth and without errors. He didn't just tell us how to write a function, he told us the WHY for each part of creating a function. He's the pillar of my success fr In this course, I learned not only how to program in C, but how to APPROACH solving problems. I found myself using paper to solve even problems for my personal projects. Slow and easy, as this is a skill that I'm still developing. In January, I didn't know how to trace or debug a code—now, I can use print statements to see where I went wrong in my functions. I feel smarter 🫵 □ God, let me rant about A08. Unlike A08, the course text was clear, from explaining the why, to giving examples, to giving extra problems WITHOUT ANSWERS, UNLIKE A08!!! Sorry no disrespect to A08. I also liked how Paco would explain course content on the board all the way through and only use the computer to program in real time. I liked the interactive exercises we did in class. Ex. if we learned about recursion, we would do so by creating a function collectively and going through the pseudocode. This was one of the courses I'm going to remember for the rest of my undergrad, as this was a wholesome experience <3. I not only loved learning to REALLY THINK about problems, but also the kindness I felt from the instructors. They were so sweet and always uplifted me when I'd feel down. Ok, but in terms of learning itself, the learning experience was everything. It was def a course that required me to step up as a student and really think about the gaps in my knowledge, address them, and always ask questions! <3
The quality of instruction in this course was well done. For example all assignments had a dedicated Piazza board to address and concerns with the assignment. The professors and TA's we're also quick to reply to these post making it easy to understand content and assignments better.
no
good
The overall quality of the instruction in this course was good. I would prefer if the announcements in Quercus were used a bit more often for when major fixes related to assignments occurred, so that I would be alerted more quickly to the issue. I would also prefer for tutorials to include more material, such as examples of applying the concepts learnt in lectures, as it would give me a better understanding of how much of the material I actually know.
The best course I have ever taken so far. The material is very well–prepared. The instructors is extremely helpful and responsive, both in–person and online. Looking forward to taking more courses with Paco in the future. I have learnt a lot from assignments and exams.
The prof is very supportive, always answers question on Piazza
Professor never really answer students questions straightforwardly, and is very harsh in terms of expectations (ex. if you didnt get 100% on midterm you need to reflect, dont ask for average score [response to a student asking if we will know the average]) while its principally more effective for students to focus on themselves, its very demoralizing especially for first years and at the end of the day these numbers matter as we live in a harsher reality than just principles.
I think that lectures were useful, especially for students who are not as good at programming. Paco's lectures are very interactive and fun
Although the course is quite difficult for me, the instructor is very nice and experienced in engaging students. He successfully makes a large lecture interactive and interesting, which is something I have not experienced before.

Comments
Professor Paco Estrada creates an engaging learning atmosphere that encourages initiative to learn and discussions.
I think the overall quality of the course was very good. The weekly exercises were all good practice for writing code in C and also helped grreatly in understanding how to solve a variety of different problems. The textbook for this course was very helpful with lots of clear explanations and examples on the topics and the exercises in the textbook were also really good at putting what we learned to practice.
Extremely good! By far my favourite course of the semester! Paco was my lecturer, and his classes were fun, interactive and overall informative. I really appreciated his hands–on approach to learning, with the exercises both in class and outside (weekly assignments) helping me develop my skills.
I thought the textbook was great and the lectures were also very good but the pacing felt too fast or slow at certain points in the course
The teacher spoke very well in class and kept consistent with the content of the lecture note. He would cover the knowledge points of the week in the first hour of each week, and conduct practical operation in the last two hours. It is better to preview before class.
Good pace, good examples, good exercises.
Excellent professor. Explained concepts clearly and notes were comprehensive.
amazing, through the notes, lecture examples, and exercises, all of the content was delivered in a very easy to manage, digestible, and engaging manner.
The Instructors were amazing all 3 of them! The TA's were super helpful in office hours and tutorials. The coursework was pretty well planned out. The exams were fair and overall it was an awesome course
70/100
The overall quality of the instruction in this course is really satisfying.
The overall quality of instruction in this course is great! Paco is very engaging as an instructor, and I enjoy his teaching style involving both practical (i.e. programming) and also conceptual ideas (i.e. writing on the board).
Fair, paced decently.
It was very good as the professors gave many examples and spent time covering complex topics in detail.
Instructions were very clear, useful and interesting. Specifically, Paco's teaching techniques were amazing.
It was good. The textbook which was made by the instructor was very helpful.
Paco is an amazing instructor. He is extremely enthusiastic and always wants his students to understand the class topics. The posted textbook was extremely helpful to understand certain concepts that weren't very clear from the lecture. The learning environment was nice as we usually coded together as a class and participated in the material together.
Since I went with the course coordinator, I can only speak on him. He was great and very informative and made sure everyone was understanding the topic with all his extra resources.
good
Overall is good.
I found that the structure of the course had a great emphasis on textbook readings. While this is not a good/nor bad thing in my opinion, the lectures did not feel like a good use of time when they for the most part cover the same material found in the textbook. Thus it felt as though reading the textbook was more than sufficient. That being said, the lectures do provide more opportunity with examples and concepts explained by the professor himself, which may prove useful for some. Otherwise, the quality of the instruction (instructor) was good, however I believe the course could be structured differently to have the lectures be a more valuable learning experience/
Paco does a good job at making lectures fun, interactive, and full of information.
The instructor was fun and always clear. He made the class interesting and provided all the material we needed.
Lectures were mostly engaging and professor is very knowledgeable. Tutorials were great and provided additional sources of practice.
Instruction was great and if you followed the structure that Paco (the course coordinator) laid out then it came together well.
The course quality was overall pretty good. The Instructor, Paco, made the lectures really fun and engaging. His chocolates really motivated to come to campus and attend lectures. I looked forward to going to all the lectures. The readings were also really detailed and completing them before coming to the lectures really helped further expand our understanding of the course concepts.
Good
Paco is a remarkable instructor. He manages to teach C in an engaging and application–focused format.

Comments
The overall quality of instruction in this course was strong. Paco explained concepts clearly and provided helpful examples to help us understand key topics. The pacing of the course overall was appropriate, and the textbook notes provided help to support our learning effectively.
I think that the instruction quality was pretty good as it allowed for an interactive learning environment during lectures, which is something that keeps me engaged and helps me learn. Also, the lecture notes were really helpful.
Professor Paco's lectures were always amazingly entertaining, engaging, and interactive. There was not a single lecture where I had trouble staying interested or focused. He often made good real–world examples of concepts, and even brought in his EV3 robot once to show us how to use linked lists! :) I think keeping the lectures interactive (and also encouraging participation by giving us chocolate :)) was a key point that made his lectures stand out. My suggestion is for him to not always pick the same people to answer questions. I noticed that he did try to do this at times, but there were a lot of times where he only looked at one side of the lecture hall, and the hands raised on the other side were ignored. He should also emphasize that people should not be "spoiling" the content that will be covered in the lecture. There were always some students that tried to sound smart by spoiling the key ideas for everyone very early into the lecture. Even though most of us had read the notes and knew where exactly the lecture was headed, we still liked to see the flow of the content, and these people would just kill the vibe (I didn't know how else to put it lol). Warning these people not to do that next time would be helpful. As for my TA (Vivian), I unfortunately noticed some discrimination towards some of my friends who are visible minorities. I don't know for certain whether that was intentional, or just a misunderstanding, but it showed in every interaction she had with them. She would respond to them in a colder manner compared to other students, and also ignored them multiple times.
Overall quality of teaching was good, weekly exercises lacked connection to material
The best out of any first–year course. Professor Paco was extremely good at making the lectures extremely interactive by constantly asking the students questions and tossing chocolates to the ones who got them correct and helping the ones that do not. He made lots of jokes during the lecture and taught with a passion I have not observed before in other professors. However, he was intimidating in one–on–one interactions. For example, there was a grading error in one of the weekly exercises from the course but it was from a few weeks ago. I went to Professor Paco with it and he said he cannot look at it and that "this is not a buffet", highlighting how if I do not come to him exactly at the week of the problem he will not look at it due to time constraints. Ii understand time constraints but there was no such policy in the course officially speaking and he could be nicer.
I found the course to be valuable and engaging. It covered concepts I had previously learned in greater depth and also covered new concepts with sufficient detail and helpful explanations. I found that there were more than enough resources and specifically, I found the textbook to be very helpful as it covered all the material and the lectures also helped reinforce the ideas.
The quality of this course is quite good, as it is a continuation of CSCA08, it felt like building upon the knowledge learned in that course in a more complex and methodical way which I would say resulted in a good learning experience.
Instruction was perfect. I was in Prof. Paco's lecture and I have no comments about the lectures. I also dealt with Prof. Marcelo in office hours and it was a very great experience.
Professor paco's class is very responsible, the content is easy to understand, helped me learn the c language
I loved the lecture style. I loved the notes. They a were pure gold!! I loved the Prod Paco's delivery. His understanding of things we might be curious about was almost prophetic. 12/10

Ins08. Please comment on any assistance that was available to support your learning in the course.

Comments
I greatly appreciated having these office hours throughout the course even when there were obstacles involved such as illnesses, bad weather etc. It shows the professor really cares about your learning and motivates you to come visit for those office hours.
Piazza and office hours were excellent
Tutorials, office hours and lectures helped very much although I believe it could've been a bit more helpful if it was possible to get an interactive teaching website like PCR's which we had last semester in CSCA08.
very good!
Professor Paco was open to questions during and after class, and his office hours were great!
–
Piazza, Office Hours, they were all good.

Comments
Yes, of course, some of them did a great job.
Tutorials
There was always support whenever you needed. you can ask questions during lecture, at office hours, or online at piazza (where you usually get a very quick response)!
There is a lot of office hours and the profs and TAs are easy to reach. PIAZZA is also very active.
Paco is very accommodating, and always provided assistance when needed.
Great
The professor did not provide adequate instructions for TAs. Several times, TAs did not know what content to cover, or what assignment to give students.
i think we can make the slide show and weekly wrap up
The office hours and tutorials were very helpful, I could talk to Mr. Estrada before lectures started to clear up some confusions.
We had office hours, and tutorials.
I have never been to the office hours, so I cannot comment on that. Throughout the course, the lecture notes were helpful enough to form a solid understanding of the materials.
Piazza is a good place to get assistance with assignment issues. However, many times the response is something like 'what do you think' or 'what do you think the customer would want'. The problem with that type of answer is that it forces us to make assumptions which may not be a good strategy for the assignments.
The tutorial were very helpful and there were many office hours to get help.
I thought the lecture materials/notes were really good, and covered everything you would need to know. I didn't think tutorials were all that useful, they often felt like something that I wouldn't go to if they didn't involved marked work. They only really ever covered the basic ideas of the topic at hand, and didn't provide any more in–depth ideas, that I think would have really promoted learning and understanding to a level at which one could succeed on assignments/midterm. I didn't go to any office hours so cannot comment on that.
Assistance in office hours was nice, no comments here
Horrible. Any question I ask, I feel like I am just gonna get the same answer "reasonable assumption". I know I am not smart, but sometimes you just gotta give me a little push. Giving the same answer in a rude manner all the times discourages me and makes me feel more stupid. I get a whole paragraph basically saying how if I was smart enough I would know to answer, instead of a yes or no answer. ts pmo
Very effective; they answer a lot of questions on Piazza as well as in test evaluations.
Office hours were there, but little information was given during office hours other than, try to figure it out yourself. Not a lot of office hours, so I would have to miss a class to come get something remarked.
Tutorials help understand the course material.
The assistance that was available to support my learning this course includes the weekly office hours. This resource was very valuable as one–to–one in person peer sessions is very helpful to solve problems as opposed to other means of communication such as messaging or call. The TAs and professors were very nice and helped address my issues adequately. Francisco Estrada also walks around class, asking if any assistance is needed based on understanding the lecture material. I found that helpful and good resource as well as it makes sure everyone can have a chance to ask for help and reduces the line formed to ask for help.
Office hours were nice, but TAs could be better at explaining concepts
Piazza and the textbooks were nice
Prof Paco and TAs replied for questions quite often – and office hours are reasonable.
TAs are kind and knowledgeable, therefore able to help me with any question I may have. There was also a question forum which I found extremely useful because for any small problem, I could just post a question instead of needing to email my prof or TA. Additionally, office hours from both my prof and TAs were very helpful.
I really enjoyed going to OH and expanding on my learning.
Paco and other TAs have been very helpful during office hours.
they are good as well
As mentioned, I think the exercises (assignments, quizzes, textbook questions) really put me in a position to think smartly and be on top of the content every single week.
Paco's notes being all online are awesome. They're very very accessible and it's amazing to have such concepts openly distributed to complement the experience of the assignments and exercises
I mainly consider Piazza as an assistance for this course, but prof's response is mainly "reasonable assumption", which makes

Comments
me more confused. Maybe it'd be more helpful to come to the office hours.
good
The support in this course was great. Paco’s office hours were really helpful, and Piazza was a fantastic resource for asking questions and getting assistance from both the instructor and peers.
The ta's and office hours helped a great deal.
Paco's additional readings were superb
I would have loved to use Piazza if the instructor didn't spam "make a reasonable assumption" to every single question instead of actually answering the question.
Piazza was available for broader questions, otherwise was encouraged to attend office hours.
The piazza useful, the instructor reply lots of post on piazza.
online textbook
Piazza and office hours
Tutorials were pretty good and make you feel like you are getting the topic on the course.
The TA office hour and the weekly exercise helped me learn in this course.
Office hours and Piazza was were good. The diligence of the professors and TA's answering question on Piazza was extremely helpful.
This course was interesting because there was a lot of onus put on the student to learn the material (i.e, through the lecture notes) before exploring it in lecture to understand it further. This was an approach that worked for me, but I know many friends who had neglected to read these notes on their own, and suffered in lecture because of it. The tutorial exercises were done well, encouraging students to attend their tutorial sessions. I found that the facilitated study groups would often involve poor scheduling/last minute changes, so I personally was discouraged from attending and did not find them too helpful when attending myself compared to independent review.
TAs were amazing and very helpful with answering any questions. Lecture notes were always great to refer back to when confused about something.
If we needed any help during the coding period of the class, he would always walk around, so we could raise our hand to get feedback and help. The tutorials in the course were also very helpful to ensure that we knew what was going on.
There were many office hours, time after lectures and online support available for us throughout the year to help us understand anything we had difficulty with.
Office hours were available.
Piazza was mostly always answered; office hours were helpful too. No problems regarding assistance.
Moderate support.
The course assistance needs big aprovement. The OH not held by Dr. Paco, no matter is held by the other instructor or TA, is basically helpless. Whenever I ask questions about past weekly exercise or assignments they just know nothing about the grading rubric. Everyone just saying 'Only Paco has the test code so I don't know blablabla...'. I think it will be much better if Dr. Paco can share the test code to the member to the teaching team this will bring a lot convenience to students.
Office hour and tutorials
As stated above office hours were easily available and a lot of activity on Piazza, very easy to ask for questions if needed, and we were encouraged to "make a reasonable assumption", as well as being given a lot of creativity on the way to solve problems.
Nothing
Tutorials were extremely helpful to both keep up with content and ensure that you took all the necessary information out of the previous week's lectures
Very helpful
Piazza
There was plenty of support available throughout the course. The professor and TAs were very approachable, responded quickly on Piazza, and held regular office hours that were helpful for clarifying difficult concepts.
TA's and professors were always answering on piazza and the professor was always willing to answer questions during class (and encouraging this.)
1
n/a
I would like to have more support from Paco rather than just "make reasonable assumption".
tutorials and office hours

Comments
Always available
There were lots of office hours that were available to students from the THREE professors, and TA's. The TA's were also pretty flexible, so if I went a little overtime, they still stayed. MY TA always stayed 15 minutes back from tutorial to answer any questions regarding the tutorial, assignment, or concepts we learned in class.
This course offered tutorials to recap previous weeks, multiple office hours and a clear textbook that helped along the process of learning the content.
no
great Tas
Piazza was useful for finding out answers to questions.
The instructors are very responsive on Piazza. They answered my questions with clear instructions and helpful information.
Piazza, OH
Professor never really answer students questions straightforwardly, and is very harsh in terms of expectations (ex. if you didnt get 100% on midterm you need to reflect, dont ask for average score [response to a student asking if we will know the average]) while its principally more effective for students to focus on themselves, its very demoralizing especially for first years and at the end of the day these numbers matter as we live in a harsher reality than just principles.
In my opinion, there could be more assistance provided to students. Most of the time, profs and TAs told us "make a reasonable assumption" for any question we asked, which most of the time is not helpful in the slightest since the grading scheme is not made on the basis of what each individual student considers to be a "reasonable assumption" but what the professors consider to be reasonable assumptions, which is why we ask questions in the first place —- to find out how professors expect us to format our solution so that it follows their expectations. However, the grading schemes were not as strict as students could reasonably expect, so most of the time making a reasonable assumption turned out okay.
The instructor provides effective support by encouraging student participation, which helps with understanding the course material. His teaching approach makes the learning process more engaging and accessible. His notes are also very useful.
n/a
Office hours and piazza were really helpful in asking for clarification on anything realted to the course I neded clarification on.
There were plenty of supports but I didn't take advantage of any (FSG's, office hours, etc)
Assign a few points to the preview before class, which will make students more aware of the class content.
The professor was very helpful to each student during office hours and helped me personally with an administrative issue. The registrar's office was somewhat helpful, but they provided the wrong information relating to a course. They didn’t have the full knowledge of the subject matter even though they probably should have.
the teaching staff were always available to help, the piazza board never went ignored, and overall it felt like the instructors were really invested in our learning.
NO.
The assistance that was available to support my learning in the course was really helpful.
The TA and professor office hours (as well as TA tutorials) were a great resource, as there were many available TAs. Also, Piazza was very active.
Frequent office hours (prof and TAs).
The TA Office Hours and Piazza were great resources to get help.
Piazza and office hours.
The assistance was good outside of assistance for assignments. I don't like "make a reasonable assumption" (will not be expanding on that).
FSGs, posted notes, slideshow presentations, textbook (extremely useful). These were all conducive to my learning.
We had MANY office hours and prof office hours.
ta could be more helpful
The office hours are too little, and there are a lot of people asking question .
The office hours available were very clear and plentiful, so there was ample assistance for whatever concerns there may be. I personally found the piazza board my go–to source of assistance as responses from the teaching team was prompt, and some explainations were very insightful/gave provided further understanding
The instructors and TAs were very active on Piazza to answer any lingering questions that students had
The Fsg sessions and the tutorials were very helpful.
Great amount of resources available, including tutorials, office hours and FSG which were helpful.

Comments
Lots of OH from TA's and I would say a decent amount of OH from instructors. I say this because their OH was during most of my other lecture times so anytime I would go to see an instructor then I would skip class.
There were plenty of office hours, lectures, tutorials provided for us to gain assistance, help, and further understand course concepts. There was also Piazza, which was a BIG HELP as we could ask anonymously and instantly when we were struggling on any concepts.
Lecture notes
The textbook is pretty insightful.
Paco and his TA's held many many office hours throughout the term to aid students in their learning. We were able to come up to them ask specific questions not only about assignments and our weekly exercises but also about learnings we did ourselves from the internet or the textbook notes, they were able to answer almost every single question.
I like that there were many options for office hours.
Prof Paco always walked around the lecture hall when he gave us an exercise to work on, and he would go over to people that looked confused or had their hand up, and helped them promptly. I myself didn't have any specific needs, but his attentiveness to his students helped me a lot.
Tutorials were not in depth enough, and at times didn’t connect to material we needed to learn for exams.
Office horus from TA's and the Professor. I wish there were more, but the ones that existed were not bad and were super helpful.
I believe there was more than enough assistance in this course; I liked how fast the responses on Piazza were as well as the numerous office hours available.
We had access to piazza, however most of the "help" was just reiterating what the assignment was already saying, I understand that this is due to the assignments and exercises encouraging thinking, however sometimes it feels quite useless. The TAs in the tutorials were decent, and the office hours were decent as well.
N/A
Professor paco has a unique understanding of students' exercises and assignments. the assignments were very interesting, especially the second one which greatly stimulated my interest in writing programs. The ability to grasp the requirements of the assignment on my own also helped me to practice and analyze the task independently!
Everything you need.