

Network Structures Cloud Computing (Fall 2024)

Instructor: **Parikh, Tejas**
 Subject: **CSYE**
 Catalog & Section: **6225 01**
 Course ID: **12922**
 Objectives:

Enrollment: **131**
 Responses Incl Declines: **33**
 Declines: **1**

Questions to Assess Students' Online Experience

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
Online course materials were organized to help me navigate through the course week by week.	30	22%	4.4	4.5	4.4	5.0	5.0	5.0
Online interactions with my instructor created a sense of connection in the virtual classroom.	30	22%	4.1	4.5	4.2	4.0	5.0	5.0
Online course interactions created a sense of community and connection to my classmates.	30	22%	4.1	4.4	4.1	4.0	5.0	4.0
I had the necessary computer skills and technology to successfully complete the course.	30	22%	4.5	4.5	4.6	5.0	5.0	5.0

Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree; -1:N/A;

Course Related Questions

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
The syllabus was accurate and helpful in delineating expectations and course outcomes.	32	24%	4.7	4.5	4.5	5.0	5.0	5.0
Required and additional course materials were helpful in achieving course outcomes.	32	24%	4.4	4.5	4.4	5.0	5.0	5.0

Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree;

Learning Related Questions

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
In-class sessions were helpful for learning.	32	24%	4.3	4.5	4.3	5.0	5.0	5.0
Out-of-class assignments and/or fieldwork were helpful for learning.	32	24%	4.7	4.5	4.3	5.0	5.0	5.0
This course was intellectually challenging.	32	24%	4.8	4.4	4.3	5.0	5.0	5.0
I learned a lot in this course.	32	24%	4.8	4.5	4.4	5.0	5.0	5.0
Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree;								

Instructor Related Questions: Tejas Parikh								
Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
The instructor came to class prepared to teach.	32	24%	4.8	4.6	4.6	5.0	5.0	5.0
The instructor used class time effectively.	32	24%	4.5	4.6	4.4	5.0	5.0	5.0
The instructor clearly communicated ideas and information.	32	24%	4.6	4.5	4.4	5.0	5.0	5.0
The instructor provided sufficient feedback.	32	24%	4.4	4.5	4.3	5.0	5.0	5.0
The instructor fairly evaluated my performance.	32	24%	4.3	4.5	4.5	5.0	5.0	5.0
The instructor was available to assist students outside of class.	32	24%	4.2	4.5	4.5	4.5	5.0	5.0
The instructor facilitated a respectful and inclusive learning environment.	32	24%	4.5	4.6	4.6	5.0	5.0	5.0
The instructor displayed enthusiasm for the course.	32	24%	4.6	4.6	4.6	5.0	5.0	5.0
Note: 5:Strongly Agree; 4:Agree; 3:Neutral; 2:Disagree; 1:Strongly Disagree;								

Instructor Effectiveness: Tejas Parikh
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Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
What is your overall rating of this instructor's teaching effectiveness?	32	24%	4.6	4.6	4.5	5.0	5.0	5.0
Note: 5:Almost Always Effective; 4:Usually Effective; 3:Sometimes Effective; 2:Rarely Effective; 1:Never Effective;								

Instructor Related Questions: Tejas Parikh (35 comments)

Q: What were the strengths of this course and/or this instructor?

- 1 Experience of the professor and the way the course was organized.
- 2
 1. The assignments were incredibly well-structured and provided clarity on all cloud concepts. They were industry-grade and set us up for professional success.
 2. Professor's ability to explain complex topics like Networking, and system design concepts such as the CAP theorem and database replication was remarkable.
 3. This course has opened up multiple career opportunities for me, including roles as Cloud Developer, DevOps Engineer, and SDE. It also prepared me for technical interviews and I landed a very nice internship solely because of this course.
 4. Professor is like that strict parent who just wants to discipline you for your own good. He was really chill towards the end of the course though.
 5. Weekly quizzes ensured that I studied regularly, It takes like 3 days of effort to complete an assignment and another couple of hours to prep for quizzes weekly. So pair this subject with an easy one because you won't have time for anything else.
 6. Professor was kind to give us flexibility regarding final exam and quiz weightage.
- 3 This course provided a solid foundation from a learning perspective, offering valuable insights through well-designed assignments that effectively reinforced the concepts taught. The assignments were particularly useful in applying theoretical knowledge to practical scenarios, which significantly enhanced the overall learning experience.
- 4 it covers many skills which are required by employers nowadays. this course is challenging which helped me learn a lot.
- 5 The coursework was exceptionally well-structured, with each assignment building progressively on the previous ones. I particularly appreciated how the initial assignments allowed students ample time to strengthen their understanding of Git and REST APIs. The professor's enthusiasm, combined with real-world examples, greatly enhanced the learning experience, providing a more intuitive grasp of the concepts.
- 6 The assignments are very constructive and teaches a lot more practical applications than any other resource.
- 7 The instructor possesses a vast reservoir of knowledge and demonstrates exceptional expertise in the subjects they teach.
- 8 This course provided an excellent blend of theoretical concepts and hands-on applications, particularly in areas like cloud infrastructure, networking, and Terraform implementation. Tejas Parikh demonstrated deep subject knowledge and delivered content in a structured and engaging manner, making complex topics accessible. His ability to break down intricate technical details and relate them to real-world applications was especially valuable.
- 9 Practical work-oriented project assignment
- 10 Assignments are the best!!
- 11 Course starts from basics, easy to understand, its a must course for every software engineer
- 12 Lot of deep knowledge about the industry and the things he teaches.
- 13 Detailed study, extra materials are provided for the topic. PLUS THE TRIVIA! TRIVIA! It has to be that - more often than not - the case studies helps us to understand the application of what we are learning. Professor tells us about that.
- 14 the instructor has a lot of knowledge and really worked on making sure the students learnt everything there is on AWS. the assignments followed on the topics taught in that week's lecture.
- 15 The course content and assignemnts are really good and up to date. Professor has designed them in such a way so that we learn and adapt smoothly to the new concepts.

Q: What could the instructor do to make this course better?

- 1 The assignment work is almost entirely self-taught, possibly giving students a chance to get used to workplace settings, which might be the teacher's goal. However, I believe more in-class demonstrations and relevant code examples would be beneficial.
- 2 Nothing.
- 3 Add some concepts from Adv. Cloud Computing, to give some exposure to Message Queues, Containers, Container Orchestration, so that we don't have to take another course for another semester.
- 4 I think course and assignments are very well structured. It cannot be better than this. I honestly couldn't have learned so much through any other course.
- 5 THIS IS PERFECT - No Changes required.
- 6 To further improve the course, quizzes should be better aligned with practical understanding rather than focusing solely on theoretical knowledge. Additionally, the professionalism and engagement of the Teaching Assistants (not all) could be enhanced to ensure a more supportive and consistent learning environment for students.
- 7 Course is good enough. Hope it is enough to get a job.
- 8 Stricter on break timing so that class can be finished on time.
- 9 it would be nice to have LESS theory and more practical coding and demonstrations in class. not only would that be actually helpful and useful but also help students know how to go about certain assignment topics. otherwise, it gets really difficult working from blank slate.
- 10 If I had to find one thing - Instead of theoretical material based quizzes; something more practical based approach can be implemented.
- 11 Better quiz planning. I feel some of the quiz questions were tough and they had a lot of weightage. Even after studying, and committing smaller mistakes, it was costing me a huge drop in my grades. Thankfully, he gave us the provision for final exam grade weightage changes. In future courses, I highly recommend him that along with learning, it is important to take student's GPAs into consideration, as no one is perfect. So if Prof is planning for tough quizzes, he better gave us some provision to correct our mistakes and recover our grades. Other than that the course work is really good and the way the professor has made this course strict so that students study well- really good.
- 12 The course would be much more engaging if it included live demonstrations or practical examples to complement the explanations. Relying solely on PowerPoint slides can make the sessions feel monotonous, but incorporating real-world scenarios, interactive discussions, or hands-on activities would bring the material to life. These demonstrations could help us better understand how to apply the concepts in practice, making the learning experience more relatable and impactful.

Q: Please expand on the instructor's strengths and/or areas for improvement in facilitating inclusive learning.

- 1 Strengths - Experience of professor.
Areas of improvement - Making the grading relative as absolute is somewhat tough for this course.
- 2 The instructor is great
- 3 - He is strict (which is necessary to learn) which pushes students to work hard and learn.
- Great, in depth knowledge. He speaks from experience and it shows, I did not just earn AWS, I learned system design from him as well. Thank you.
- He is also kind, empathetic and supportive of students going through personal crisis.
- 4 I highly recommend this course to my friends who wants to become a full package software engineer.
- 5 Good
- 6 Answering questions during lectures can feel a bit intimidating, especially in a large class setting.
- 7 This semester, I feel the lectures were prolonged and by the end I honestly felt that my concentration and listening capacity was bare minimum where he would explain the assignments. Thankfully, as lectures were recorded, I could revisit and understand them. I would highly suggest the professor continue recording the lectures, especially the assignment explanation part, as beginners have no clue about what to do and how to proceed, and also TAs aren't available 24/7. Lecture recordings were lifesavers.

Q: Please expand on the instructor's strengths and/or areas for improvement in facilitating inclusive learning.

8 The instructor has excellent subject knowledge, and the assignments are well-designed to reinforce learning. However, the workload for assignments feels disproportionate to their grade weightage. Additionally, the quizzes lack rigor, with little to no measures in place to prevent academic dishonesty. Introducing interactive teaching methods and rebalancing assignment weightage could improve the course.

This course was also a missed opportunity to teach AWS API Gateway, which would have been highly valuable and relevant.

Questions to Assess Students' Online Experience (6 comments)

Q: Please comment on your experience of the online course environment in the open-ended text box.

1 None

2 I don't have much to say about the online experience, overall i had one of the best experience

3 The Professor has alot of knowledge to share, which helps alot in learning the course and the ethics which help alot in life. Before getting into this course I heard that the course if hard and assignments are very difficult. But, As per me the Assignments are very meaningful and we can learn the most If we do it with discipline.

4 not a online course

5 we did not have online course

6 N/A

Student Self-Assessment of their Effort to Achieve Course Outcomes (10 comments)

Q: What I could have done to make this course better for myself.

1 Going through extra links that professor share in the course materials.

2 Start Assignments early, and explore opportunities to implement the concepts in other projects

3 Paired this course with an easier one, as this subject required consistent effort and time.

4 Nothing, I believe i did my best

5 I could have started the assignments sooner and put more hours into the course and do more research on my own. That would have helped to learn more instead of starting close to deadline and stressing myself.

6 Should have been better prepared for the quizzes.

7 having a study group so as to work on assignments together makes things much simpler also, starting assignments from the very first day itself

8 Starting to study and prepare from Day 1

9 Nil

10 If I could have cloud computing experience before this course would have been easy for me.