

**North Carolina State University - ClassEval Report**

Emplid: 001132245	Name: Jianqing Liu -- Course: Advncd Topics CSC
Term: 2022 Fall	CSC 791 006 Courses surveyed - CSC 791 006
<b>Question</b>	<b>Response</b>
Comment on strengths and weaknesses of the instructor	Dr. Liu is very patient and provides detailed explanations with vivid examples. Whether you are taking his classes or discussing research problems with him, the process is always enjoyable and informative.
Comment on strengths and weaknesses of the course	This course gives me a general concept of how a quantum communication network works, from the fundamental infrastructure to high-level communication protocols. Combined with recent related papers, this course arrangement refreshes my understanding of quantum mechanisms and benefits my research.
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Comment on strengths and weaknesses of the instructor	I appreciate that the instructor adapted this course to students' academic backgrounds. The initial preliminary math section was helpful.
Comment on strengths and weaknesses of the course	It's a good course to learn about quantum and I am happy that I took it (I knew nothing about quantum).
Give suggestions on how the course or how the instruction could be improved.	Overall I liked the course and have no particular suggestions. But I would like to mention that the last topic: graph states, multiplexing and routing was bit difficult to understand. I don't have any suggestions on how it can be improved, but I hope this feedback will help the instructor.
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Comment on strengths and weaknesses of the instructor	Dr. Liu made consistent efforts to explain class material effectively, including writing proofs and examples on the board to complement the slide materials, which were curated well and added to my understanding of the material. He also went above and beyond in delivering sources and further reading for us to explain material further if we wanted to learn more. In addition, his passion for the material came through in class, and was contagious.
Comment on strengths and weaknesses of the course	I very much enjoyed the format of the course. The lectures and paper readings complemented each other very well, and the paper readings helped me improve my reading comprehension for technical papers, as well as understand the material and its applications much better. The homework problems were well thought-out and were great exercises to help my understanding of the material.
Give suggestions on how the course or how the instruction could be improved.	The paper readings did end up taking more time than initially expected, so deadlines ended up being moved around. This did not end up being a big issue, and in my eyes didn't detract from the course. In fact I felt the more in-depth paper discussions helped my understanding a lot. As this was the first time the course was taught, I'm sure this will be accounted for next time so the deadlines won't need to be moved around. All in all, I'm only mentioning this for lack of being able to think of anything else to change. Dr. Liu did a great job and I'm very glad I took this course.

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Comment on strengths and weaknesses of the instructor	Dr. Liu did an excellent job interacting with students and he was really helpful when we had trouble understanding the material.
Comment on strengths and weaknesses of the course	I do think this course is still a little bit too difficult to be considered an introductory course to quantum networking. The math we learned towards the end should be reserved for an advanced course in my opinion.
Give suggestions on how the course or how the instruction could be improved.	Adding more example problems that students can look at when solving homeworks would be nice I think. The course project should be include a lot more detail and structure when assigned in the future.
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Comment on strengths and weaknesses of the instructor	Dr. Liu was a wonderful instructor for this course - it is apparent that he takes his teaching (and research of this topic, Quantum Networks) very seriously. I think he is very knowledgeable about the subject. He was also very willing to provide help and assistance or additional explanations for anything the students would ask. This is important in a course with such a novel topic such as Quantum Communication and Networks.
Comment on strengths and weaknesses of the course	Overall, this course was great in introducing a complex subject and making sure that we did not get too overwhelmed. It was unfortunate that we could not finish all of the material in the time allotted (one day a week classes).
Give suggestions on how the course or how the instruction could be improved.	The only suggestion I would have is to have this class be at least 2 days a week. I think that would have helped the time management of the course overall, although everything was still pretty great.