

MODULE REPORT

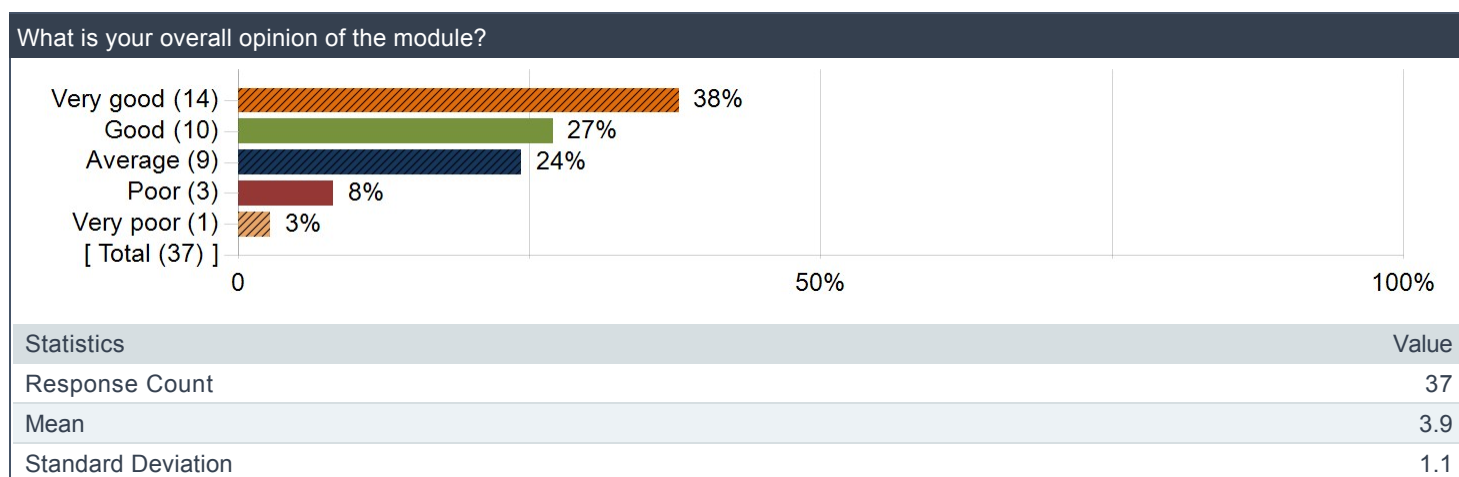
Module	CS5229 - ADVANCED COMPUTER NETWORKS
Academic Year/Sem	2021/2022 - Sem 1
Department	COMPUTER SCIENCE
Faculty	SCHOOL OF COMPUTING

Note: Class Size = Invited; Response Size = Responded; Response Rate = Response Ratio

Raters	Student
Responded	37
Invited	79
Response Ratio	47%

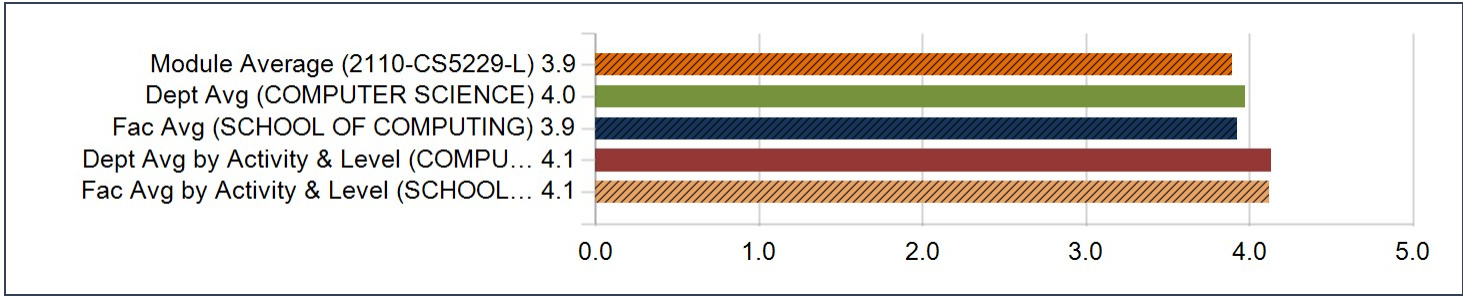
1. Overall opinion of the module

Distribution of Responses



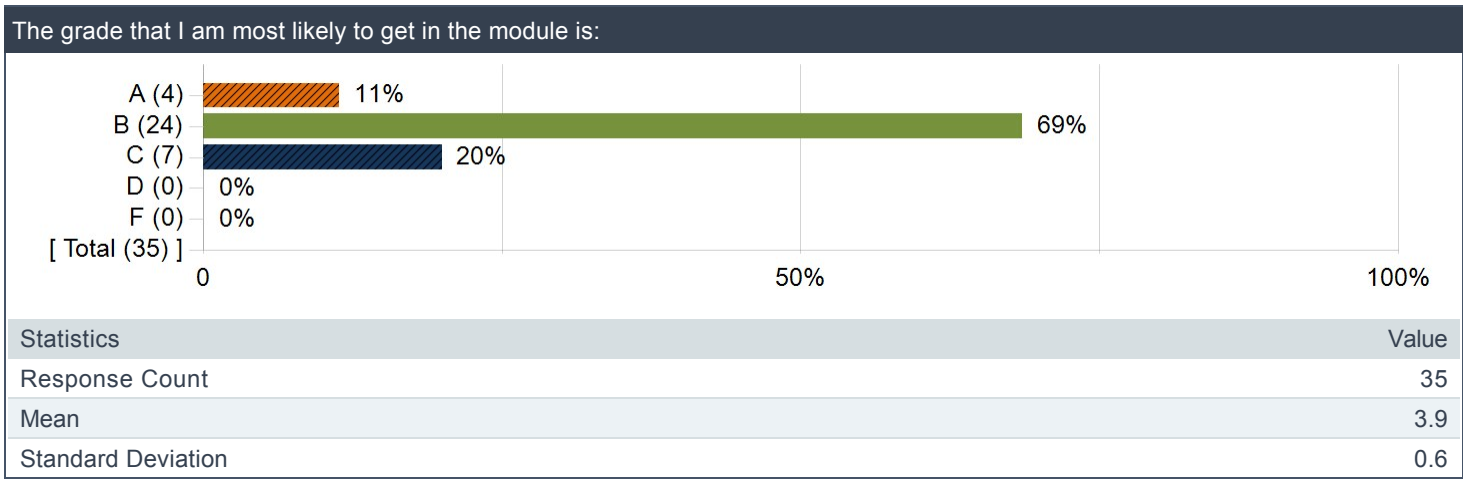
Rating Scores

Question	Module Average (2110-CS5229-L)		Dept Avg (COMPUTER SCIENCE)		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Activity & Level (COMPUTER SCIENCE- LECTURE (Level 5000))		Fac Avg by Activity & Level (SCHOOL OF COMPUTING- LECTURE (Level 5000))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
What is your overall opinion of the module?	3.9	1.1	4.0	0.9	3.9	0.9	4.1	0.9	4.1	0.9



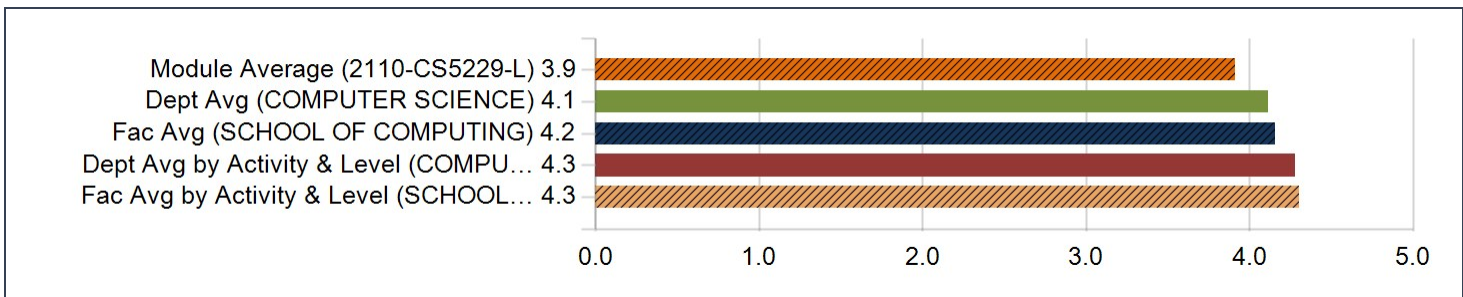
2. Expected Grade

Distribution of Responses



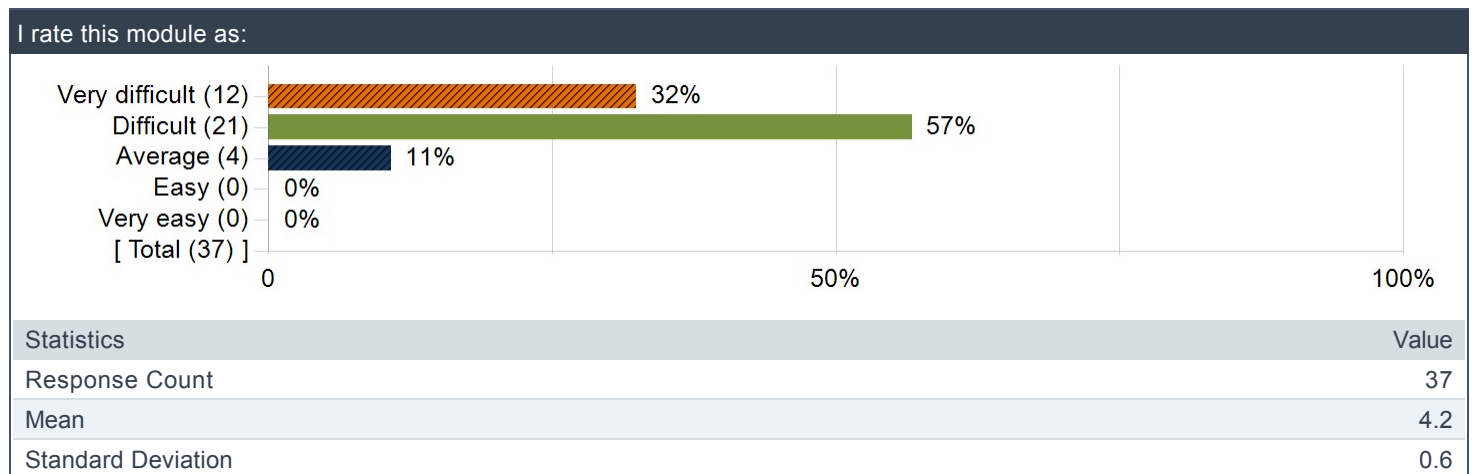
Rating Scores

Question	Module Average (2110-CS5229-L)		Dept Avg (COMPUTER SCIENCE)		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Activity & Level (COMPUTER SCIENCE-LECTURE (Level 5000))		Fac Avg by Activity & Level (SCHOOL OF COMPUTING-LECTURE (Level 5000))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
The grade that I am most likely to get in the module is:	3.9	0.6	4.1	0.8	4.2	0.7	4.3	0.7	4.3	0.7



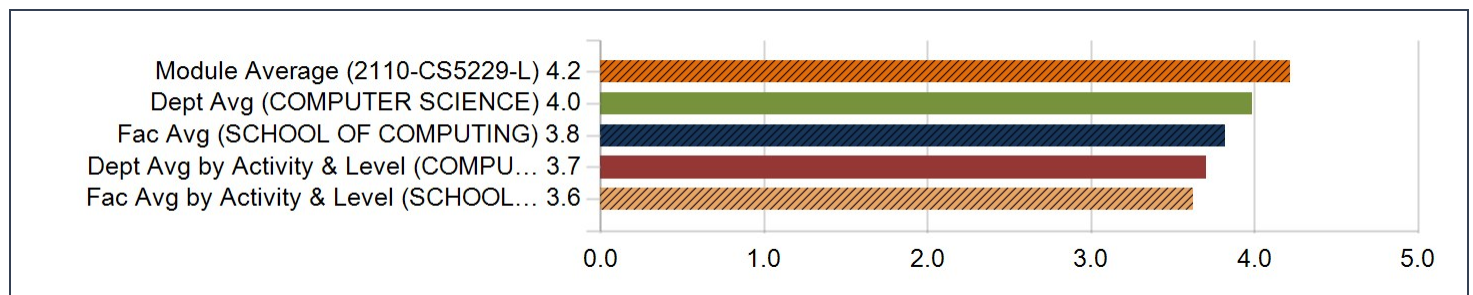
3. Difficulty Level of the module

Distribution of Responses



Rating Scores

Question	Module Average (2110-CS5229-L)		Dept Avg (COMPUTER SCIENCE)		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Activity & Level (COMPUTER SCIENCE-LECTURE (Level 5000))		Fac Avg by Activity & Level (SCHOOL OF COMPUTING-LECTURE (Level 5000))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
I rate this module as:	4.2	0.6	4.0	0.8	3.8	0.8	3.7	0.9	3.6	0.8



WHAT I LIKE / DISLIKE ABOUT THE MODULE

What I liked about the module:

Comments
Lecture content is not too heavy.
homework in Openflow, and term project in Data Center Network
nothing
Makes me realize that other concepts from computer science (e.g. data structures) are actually applied cleverly in networking. I enjoyed the hands-on coding experience too.
The module covers a wide range of topics which allows me to learn a lot and improve my knowledge towards networking. The given assignment and project are very practical and interesting although the project scope(part3) is somewhat wide considering the given timeline. Nevertheless, I really learn a lot new things from the project. Apart from having a very good prof, the TAs are awesome too. They work hard in preparing the training, assignment and project as well as doing a good job in providing guidance to students.
Excellent prof and modern content.
This course is indeed very, very difficult, especially when doing projects, it has very high requirements for hands-on practical ability. In addition, the workload is also very large. There are many papers to read every week, and there are also homework questions and code writing tasks.
Hands-on programming and experience on SDN
It's useful in terms of concept understanding
The material was nicely organised, and the training exercises were very useful.
the practical hand-on
Having to read papers, very interesting (but tons of work). The gamefied aspect with EXP.
There was a lot of content provided and good effort to teach as much of that content as possible. Prof Ben is also an engaging lecturer.
Applying Coursemology to increase my interest to study this course well
A lot of concepts were covered. The project and assignments provided a hands-on experience.

What I did not like about the module:

Comments
Too much readings. Lots of time spent trying to understand them.
too much about congestion control, and the overall workload
The workload is much higher than other modules.
The material of this course are mainly on papers. the workload is overly heavy for part time student to cope with (read N papers per week + after class training). Then, 3 assignment + 1 project + 1 final quiz. The quiz that is held in last week with 2 hours exam like format is really not making sense. By having such a high workload, the quiz can just make it to be final exam and allow student to have reading week to catch up. In return, student might learn nothing and felt so dry on this module.
Workload quite heavy.
The workload of the module is on a higher side for part time student.
The killer exam.
The time span is too long, especially during the project defense, it may collide with the exam dates of other modules. I feel that the time arrangement can be adjusted ealier or later.If it is arranged in the exam weeks, I feel a little uncomfortable.
Workload is too heavy, weekly training and readings with homework and project
Some of the lecture readings took too long to complete, resulting in me spending more time for this module than for other modules, even though they're worth the same number of credits.
Some materials weren't as organised, need some polishing
The students without Computer network background will really suffer and it's hard to survive from the course.
I feel like the reading's exp doesn't reflect well the work put into reading the papers: I was capable of explaining the paper, answering the questions in classes, yet often failed to get good marks in the questions because they were on precise aspect of the papers (compared to the lecture on the paper). I know it is to test we read the papers, but still I feel like it could be fairer?
Timelines were too rushed. The project was complex with several moving parts. It was difficult to divvy up the work among teammates due to the complexity. Project was also conflated with exam. One week before exam, we were told that one part of the project would be tested although the project was due after the exam and we had been working on two parts simultaneously. If we had known earlier, more effort would have been spent on the tested part earlier. Previously, we were told that our understanding of the relevant topic would be tested during project demo/evaluation. Project instructions came in at dribs and drabs – at time of writing, instructions on packaging code and final report has yet to be given and there is <2 weeks before submission. Overall, the project has been time consuming with reduced ROI. Understand that this is a revamped module, and hopefully the next batch would have less pain points than we did.
Hardly anything I did not like I think!