myExperience Report

Term 2, 2021

Faculty: Faculty of Engineering

School: School of Computer Sci & Eng

Course: COMP9242 Advanced Operating Systems

Evaluation period: Jul 26 2021 12:00AM - Aug 12 2021 12:00AM

Course Report

Response Data

Raters	Student
Responded	19
Invited	30
Response Ratio	63.3%

Comparison of results for "Overall I was satisfied with the quality of the course"

This course: COMP9242 Advanced Operating Systems

Overall I was satisfied with the quality of the course				
Options	Count	Percentage	Statistics	Value
Strongly disagree	0	0.0%	Mean	5.79
Disagree	0	0.0%	Median	6.00
Moderately disagree	0	0.0%	Standard Deviation	0.42
Moderately agree	0	0.0%	Standard Error (base on SD)	0.10
Agree	4	21.1%	% Agreement	100.0%
Strongly agree	15	78.9%		

SCHOOL: School of Computer Sci & Eng

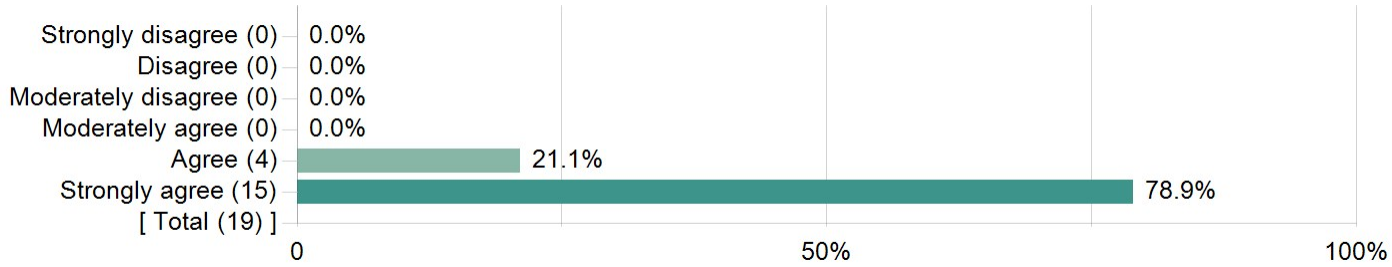
Overall I was satisfied with the quality of the course			
Options	Percentage	Statistics	Value
Strongly disagree	2.6%	Mean	4.84
Disagree	4.2%	Median	5.00
Moderately disagree	5.9%	Standard Deviation	1.24
Moderately agree	16.6%	Standard Error (base on SD)	0.02
Agree	35.0%	% Agreement	87.3%
Strongly agree	35.7%		

FACULTY: Faculty of Engineering

Overall I was satisfied with the quality of the course			
Options	Percentage	Statistics	Value
Strongly disagree	2.7%	Mean	4.89
Disagree	3.5%	Median	5.00
Moderately disagree	5.1%	Standard Deviation	1.21
Moderately agree	15.8%	Standard Error (base on SD)	0.01
Agree	36.1%	% Agreement	88.6%
Strongly agree	36.8%		

Overall I was satisfied with the quality of the course

Overall I was satisfied with the quality of the course	
Strongly disagree (0)	0.0%
Disagree (0)	0.0%
Moderately disagree (0)	0.0%
Moderately agree (0)	0.0%
Agree (4)	21.1%
Strongly agree (15)	78.9%
[Total (19)]	

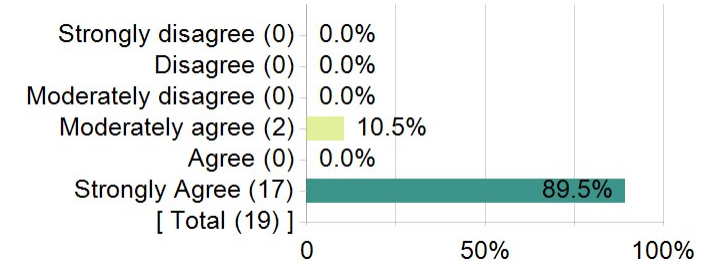


Statistics	Value
Mean	5.79
% Agreement	100.0%

The table below shows the percentage of 'Agree' and 'Strongly agree' responses to the question 'Overall I was satisfied with the quality of the course'

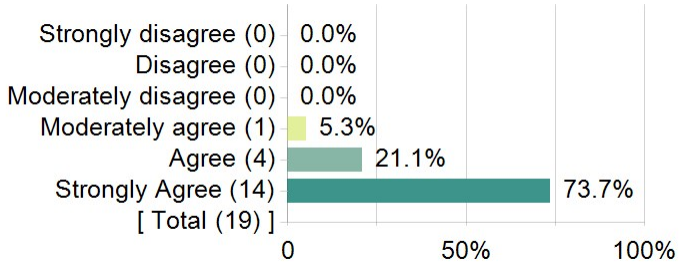
Overall I was satisfied with the quality of the course	
Statistics	Value
Agree/Strongly agree	100.0%

1. I felt part of a learning community



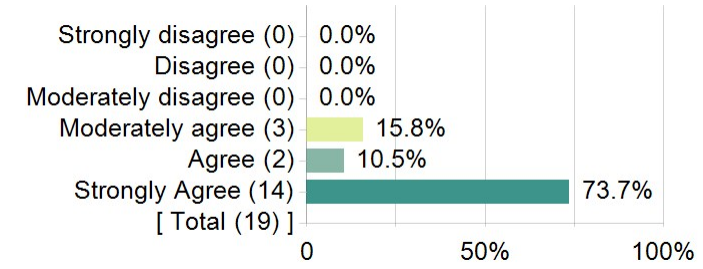
Statistics	Value
Mean	5.79
% Agreement	100.0%

2. The feedback helped me learn



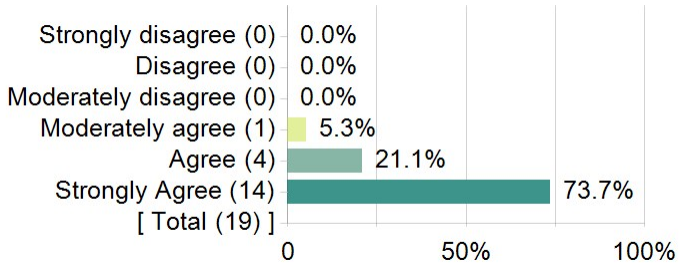
Statistics	Value
Mean	5.68
% Agreement	100.0%

3. The course resources helped me learn



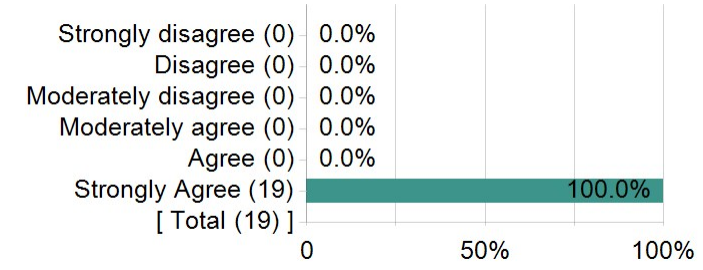
Statistics	Value
Mean	5.58
% Agreement	100.0%

4. The assessment tasks were relevant to the course content



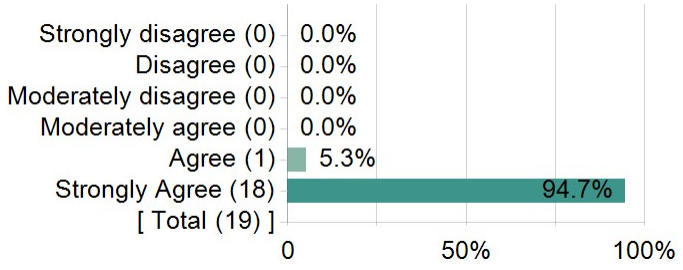
Statistics	Value
Mean	5.68
% Agreement	100.0%

5. The course encouraged me to be self-directed in my learning



Statistics	Value
Mean	6.00
% Agreement	100.0%

6. Assignments gave me opportunities to demonstrate my knowledge

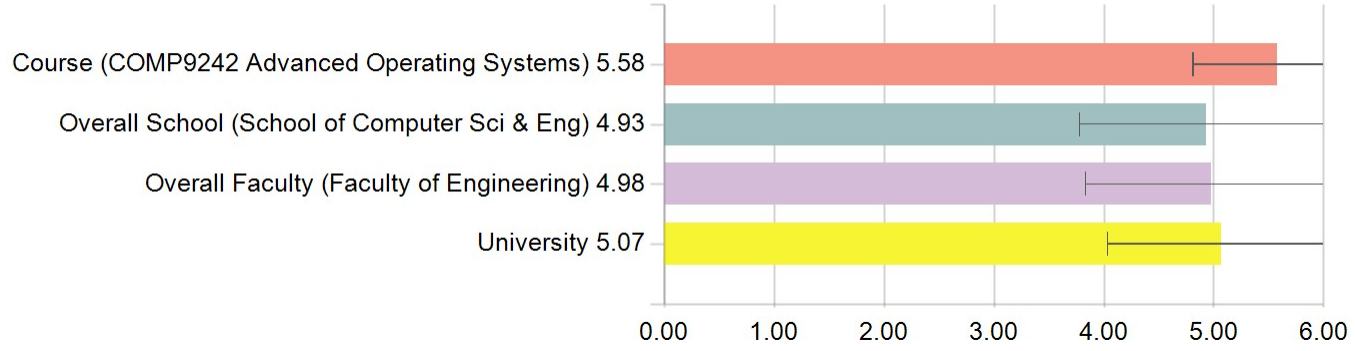


Statistics	Value
Mean	5.95
% Agreement	100.0%

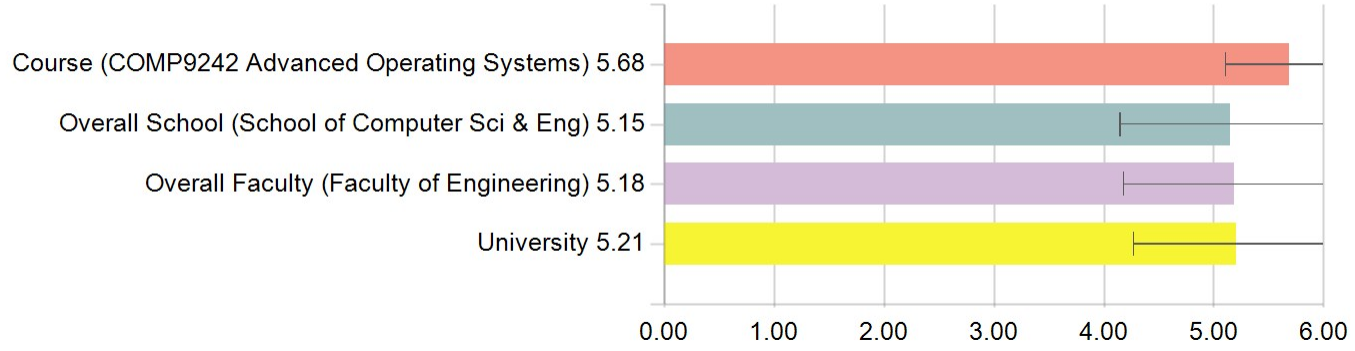
Comparison Statistics

Mean (average student responses between 1 and 6) and StandardDev (Standard deviation of student responses) are used for comparison statistics between Course, School, Faculty and University.

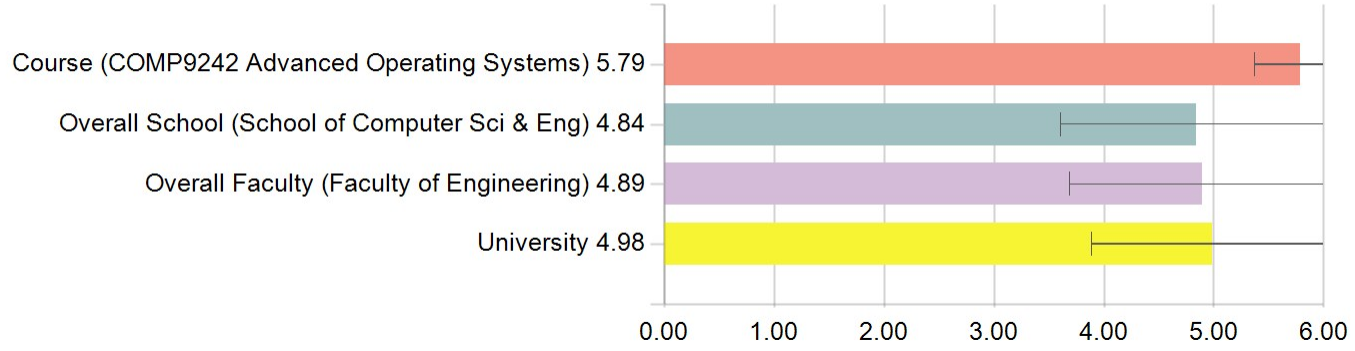
3. The course resources helped me learn



4. The assessment tasks were relevant to the course content

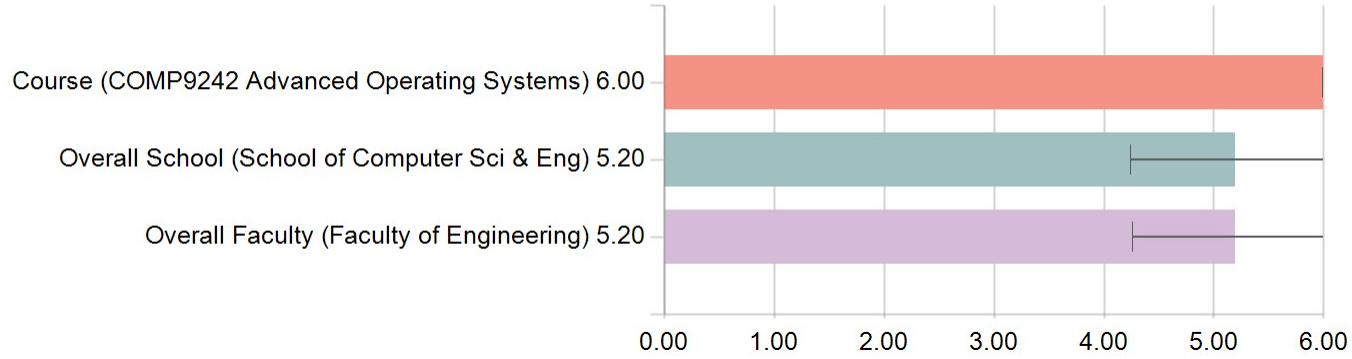


5. Overall I was satisfied with the quality of the course

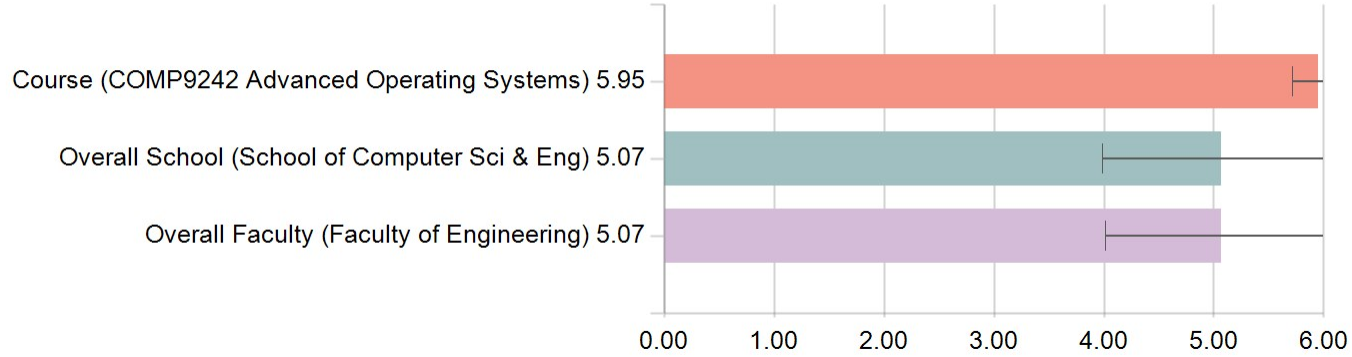


Faculty of Engineering specific questions

1. The course encouraged me to be self-directed in my learning



2. Assignments gave me opportunities to demonstrate my knowledge



Raw Comment Data

What were the best things about this course?

Comments
Hands on experience with bleeding edge technologies. Extremely knowledgeable lecturers and tutors Very good adaption when it came to transitioning online
Felt like a proper 'learning community', even despite the very unfortunate lockdown. Greatest and most rewarding project ever. Interesting lecture content.
The lectures are really good The project is very well structured
I had the freedom to implement the assignment however I want, given the spec. Doing so, I had a lot of time to contemplate on how the internals of the operating systems work.
Extremely challenging at times but also very rewarding!
Well and truly fulfilled my thirst for further learning operating systems internals (essentially) from scratch. Writing OS personality for an actual hardware system was much more motivation from embedded software perspective. I felt my competency in C had an enormous boost, being forced to change the system accordingly to high–paced, high–throughput milestones were challenging, although I belive equivalent learning experience could not be obtained otherwise.
AOS 24/7 lab. Great place to talk and bounce ideas. Online is not the same (not the fault of the course). Project is very well paced, great exercise to flex our problem solving skills.
Consultations were awesome, tutors were super super helpful :)
Awesome albeit challenging course
Lectures were very engaging and interesting Cool to have multiple different lecturers with different areas of expertise offer their unique insights. Project was very challenging but I never felt that I was unsupported or unable to do it Effective collaboration and communication skills are essential to complete the course, and I had to hone these skills
Having the single project run throughout the entire term with weekly milestones was great – good motivation to keep up to date and get frequent feedback on how we're doing (even if we did end up falling behind).
The practical experience from working on the project

What could be improved?

Comments
very limited project knowledge covered during lectures – I think it would be significantly less confusing if we had dedicated some time to explaining how sel4 does a concept (e.g. cache invalidation in sel4) in addition to the concept itself.
The units of credit awarded could be improved to 12 so that students could afford to dedicate more time to it and do even more work. The other two courses I am taking this term just feel like annoying distractions from AOS.
Sometimes the spec was overly vague E.g. for M5 it was not clear that only user pages were limited and we didn't know about the frame table until quite late Some of the tutors were giving out of date advice Responses on the forums are relatively slow (possible since its only really Curtis monitoring it)
Some of the project spec site seemed outdated.
Milestone 7 could use an extra couple days. Tutors have varying expectations for milestones. There also seems to be a discrepancy in the expected deliverables for the milestones between the project spec, and whats on the tutors' internal wiki.
A laymen's explanation of capabilities at the start of term. It wasn't until the week 7 caps lecture that it clicked
There wasn't really anything I disliked about the course besides from the transition to online. There is really nothing that could have been done to address this though. Maybe some more mentions about things more closely related to the project in the lectures.
– More detailed explanation of the "grace period" and how it applied to lateness – Some indication of the mark allocation for m7 (final submission) like if it's code style, functionality tests, ... (I understand you can't be too specific, but just an idea would be nice) – Since it's offered to undergrads, a little more prep work with academic papers etc. would be nice, as well as more general detail on the structure of the course upfront (like how the lectures aren't directly relevant to the project after the first few weeks)
Being able to apply content from the lectures more in the project to understand it better