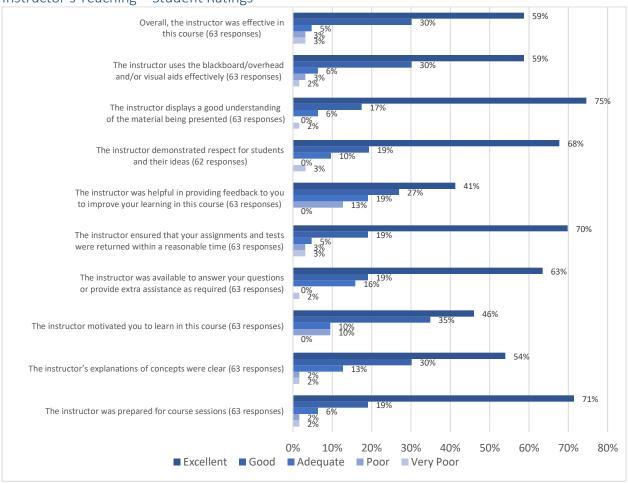
Course Experience Survey Results CSC 115 – Fundamentals of Programming II

Term: May 2021

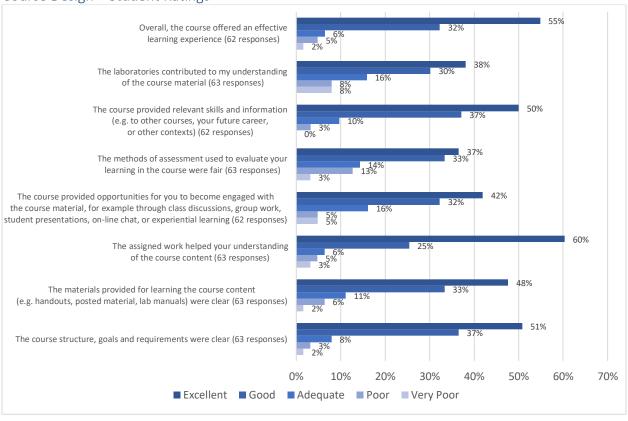
The following two graphs provided the consolidated quantitative survey results of this multisection offering. These consolidated results focus on student rating's on teaching and course design.

Subsequent pages provide the survey results from each individual section including students' written comments.





Course Design – Student Ratings





UVic CES Instructor Report 202105 - Celina Berg - FUNDAMENTAL PROGRAMING:II - CSC 115 - A01 (CRN 31720)

Project Title: UVic Course Experience Survey - Summer 2021

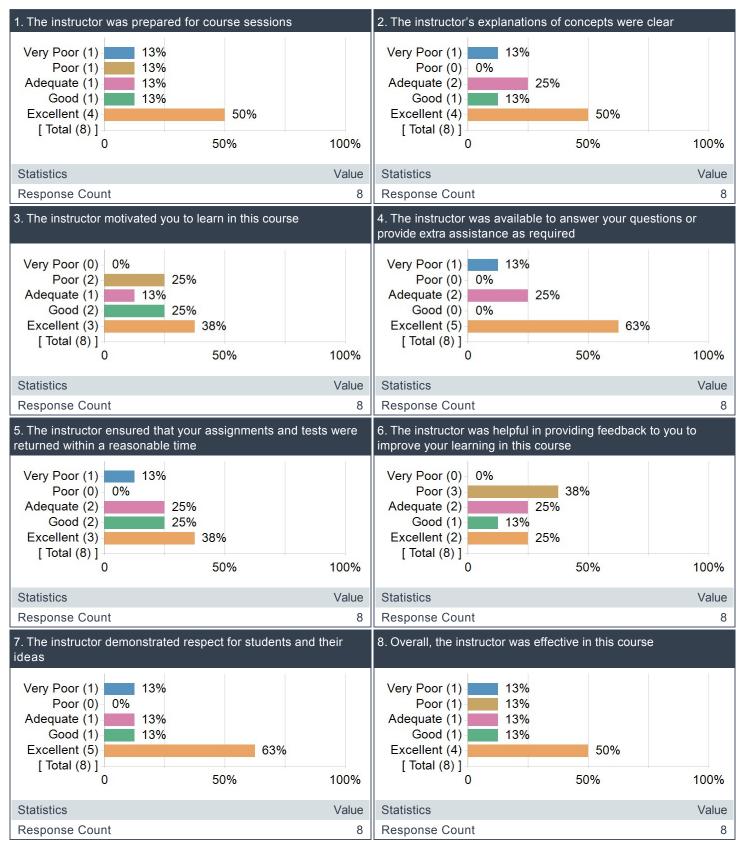
Courses Audience: 19 Responses Received: 8 Response Ratio: 42%

Subject Details	
CRN	31720
VNUMBER	V00129143

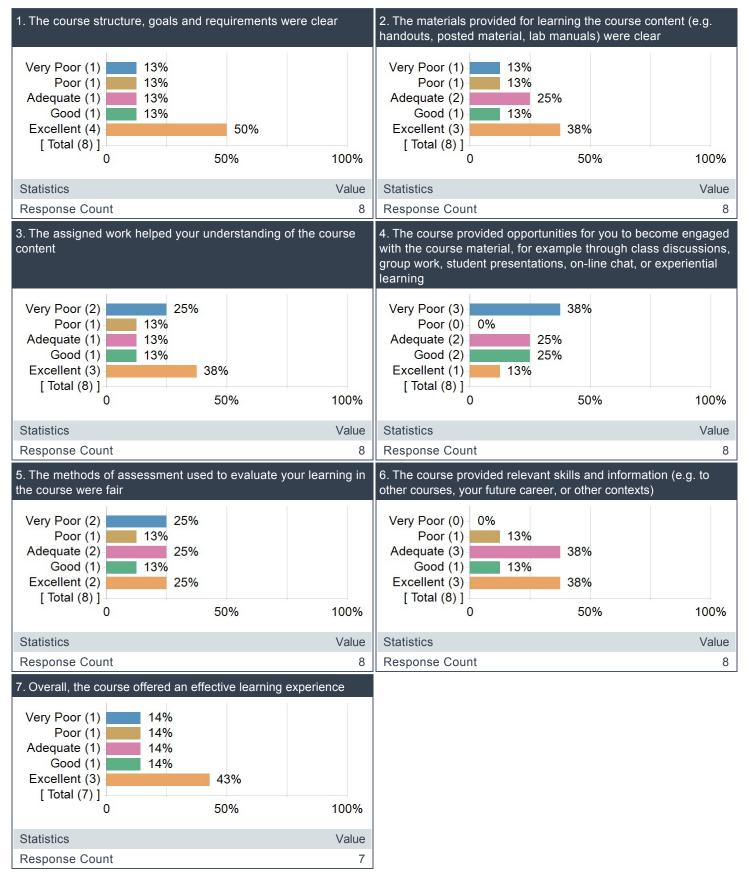
Creation Date: Wednesday, August 11, 2021



I Instructor's Teaching - Students' Ratings on the Following Statements:

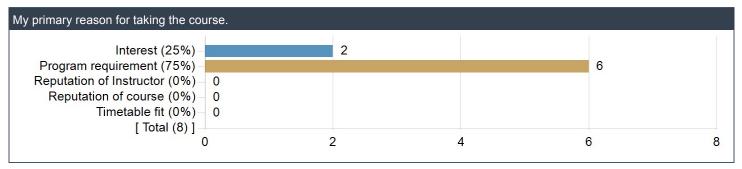


Il Course Design - Students' Ratings on the Following Statements:

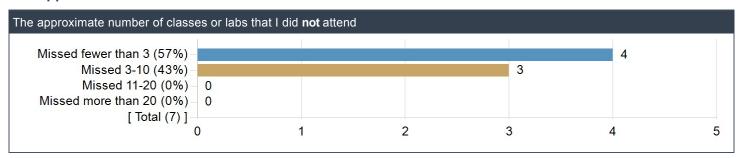


III Statements About The Students:

My primary reason for taking the course.



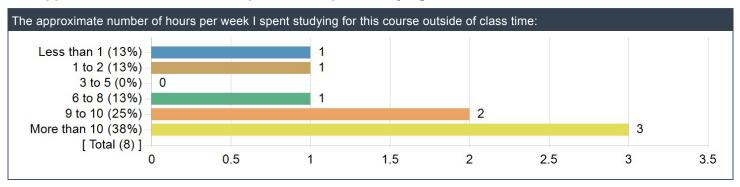
The approximate number of classes or labs that I did not attend



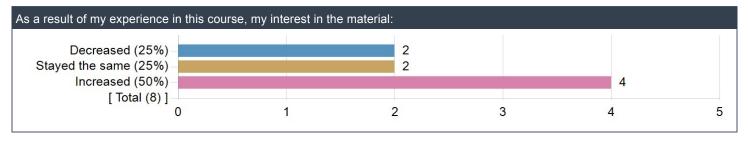
Relative to other courses I have taken at UVic, the workload in this course was



The approximate number of hours per week I spent studying for this course outside of class time:

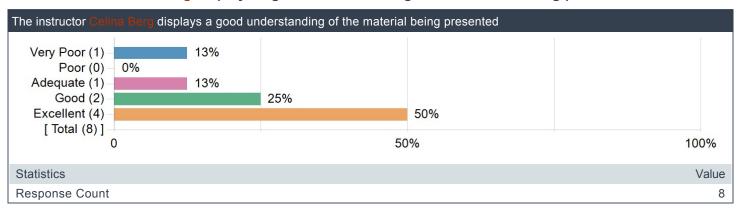


As a result of my experience in this course, my interest in the material:

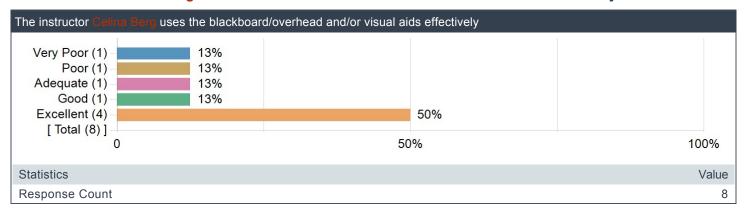


IV Additional Statments:

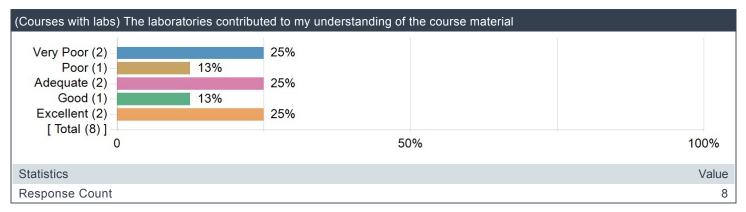
The instructor Celina Berg displays a good understanding of the material being presented



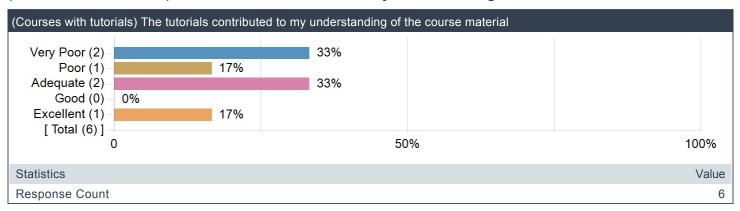
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



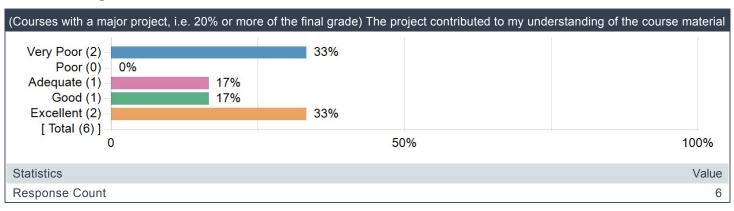
(Courses with labs) The laboratories contributed to my understanding of the course material



(Courses with tutorials) The tutorials contributed to my understanding of the course material



(Courses with a major project, i.e. 20% or more of the final grade) The project contributed to my understanding of the course material



IIV Student Comments:

What strengths did your instructor (Celina Berg) demonstrate that helped you learn in this course?

Comments

She was always eager to help. Went above and beyond

she has the strength that she can make this course 10X harder for students

problem solving without help for sure.

Celina knew the material very well and would always respond to questions quickly (even on weekends which is crazy)

I thought that the pre–lecture videos were very helpful in understanding the material. Also, I really liked the use of visual aids that were used during lecture because it made it easier to follow along. Finally, the practice midterms were really helpful in preparing for exams.

Always helpful to making things that were unclear, clear

Very kind and respectful to the students as well as brought a positive attitude towards course material.

Please provide specific suggestions as to how the instructor (Celina Berg) could have helped you learn more effectively.

Comments

I don't she needs to improve. If its not broken why change anything

please give assignments that are related to the topics that are taught in class. your assignments are worst as they were never related to the topics that were covered during the lecture. they were always of the topics that were taught after the due date has passed.

not much, I think it is good enough now.

do more activities in class related to the assignment. not just the lab

No suggestions.

Nothing! Great instructor

Used the pre recorded lecture videos as the main form of content then have the class time be more of an office hour style rather than working throughout the examples. A lot of the concepts and knowledge that was used for the assignments and labs was implied manipulation of class time information and it would've been nice to have both lectures completed more than a day before the lab is due.

Please provide specific suggestions as to how this course could be improved.

Comments

please do not assign Celina Berg for this course in the future. she will try her best to make this course hard for students and destroy their career

more lecture time to explain details for each topic.

see above

Overall, I think that the course was fair and offered a good learning experience.

Less marks based on the tests or rework the tests design). Nothing is worse (from my experience so far) than trying to code (or read code) from a white background with only black font while under the pressure of time, I get the class's material is relatively easy if you put in some work so I guess to balance out the grades they make the tests a 'traumatic' experience but still would be nice...

Change the weight of course material such as tests as well as change the structure of the tests. In no way did I feel that the tests were an accurate demonstration of my course knowledge as well as they made me question what was even the point or direction of the course.



UVic CES Instructor Report 202105 - Celina Berg - FUNDAMENTAL PROGRAMING:II - CSC 115 - A02 (CRN 31721)

Project Title: UVic Course Experience Survey - Summer 2021

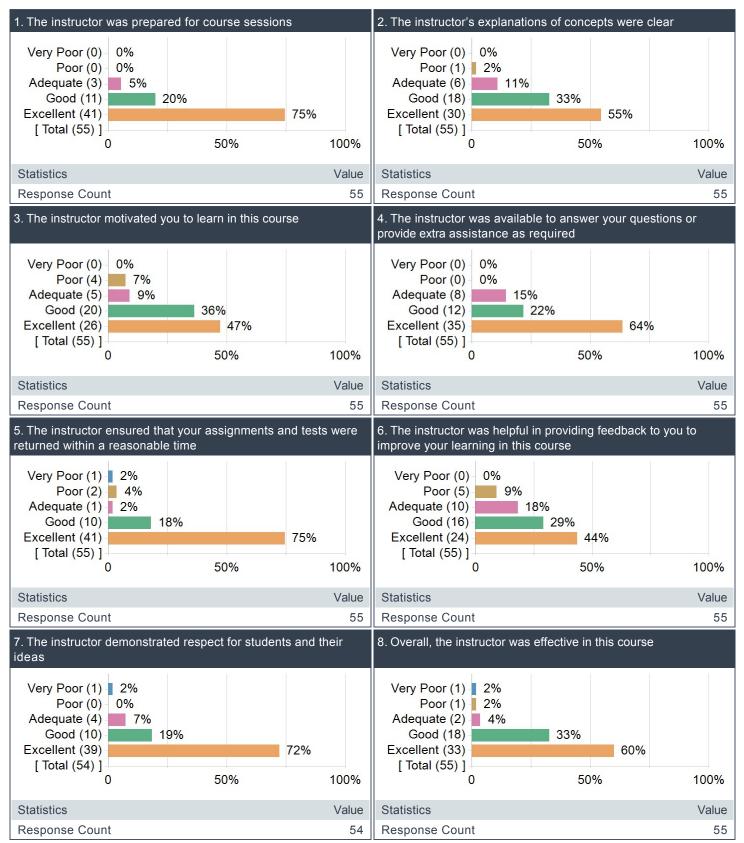
Courses Audience: 128 Responses Received: 55 Response Ratio: 43%

Subject Details	
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VNUMBER	V00129143

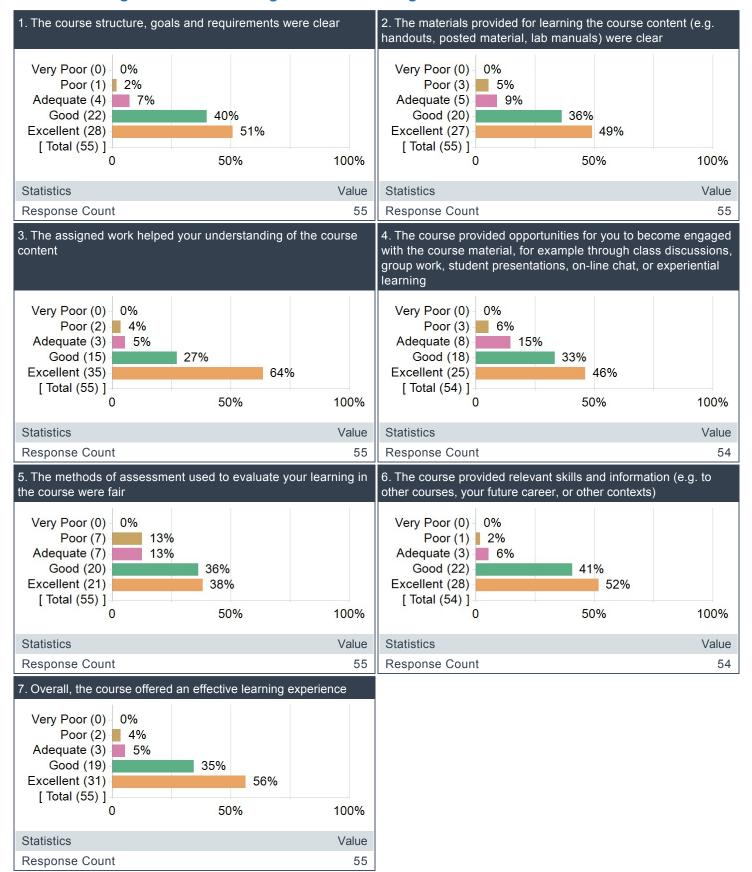
Creation Date: Wednesday, August 11, 2021



I Instructor's Teaching - Students' Ratings on the Following Statements:

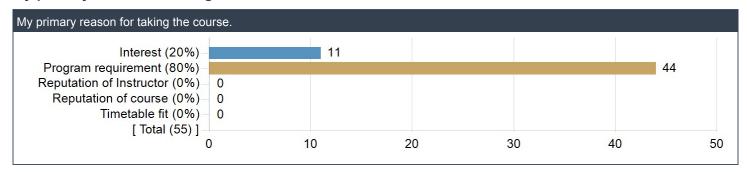


II Course Design - Students' Ratings on the Following Statements:

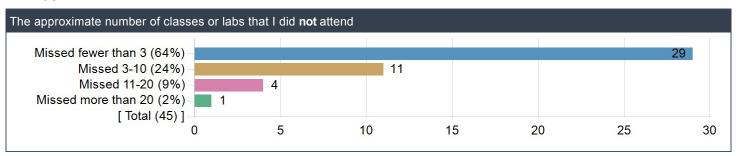


III Statements About The Students:

My primary reason for taking the course.



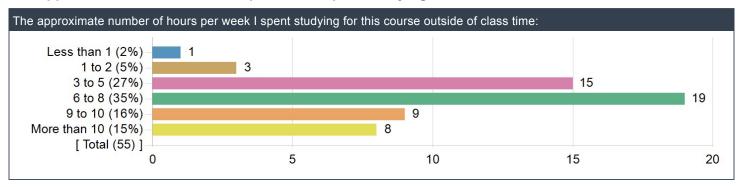
The approximate number of classes or labs that I did not attend



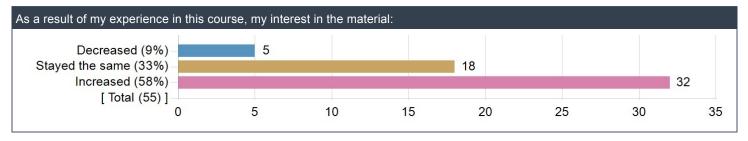
Relative to other courses I have taken at UVic, the workload in this course was



The approximate number of hours per week I spent studying for this course outside of class time:

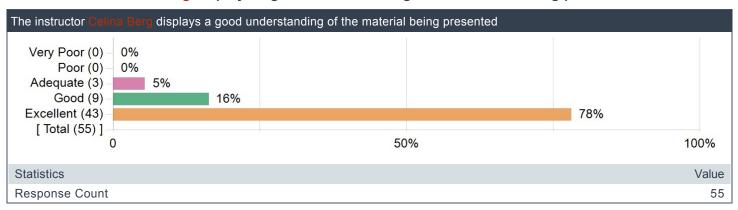


As a result of my experience in this course, my interest in the material:

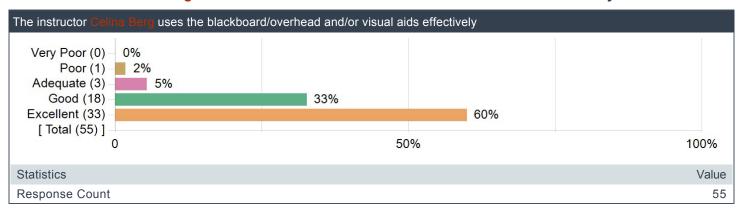


IV Additional Statments:

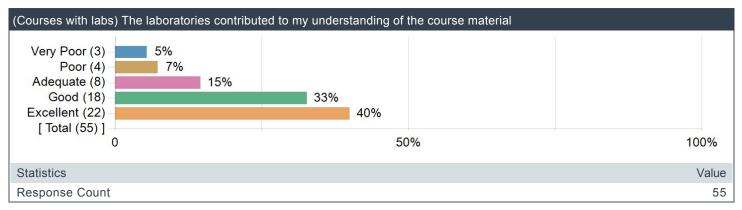
The instructor Celina Berg displays a good understanding of the material being presented



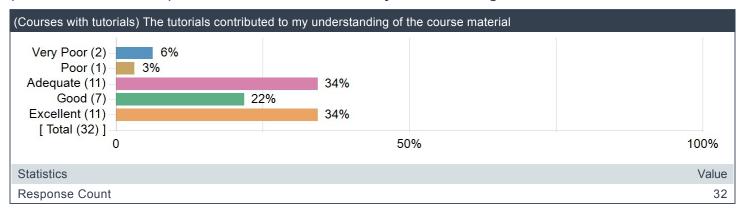
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



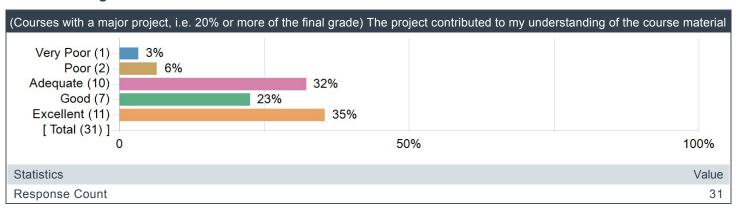
(Courses with labs) The laboratories contributed to my understanding of the course material



(Courses with tutorials) The tutorials contributed to my understanding of the course material



(Courses with a major project, i.e. 20% or more of the final grade) The project contributed to my understanding of the course material



IIV Student Comments:

What strengths did your instructor (Celina Berg) demonstrate that helped you learn in this course?

Comments

She was well prepared and organized before each class. Overall, her teaching was really spot on.

Celina always comes to class prepared to answer any questions students may have and demonstrates sophisticated knowledge in her field. Additionally, she would go the extra mile to ensure students understand the material presented to them and that they leave feeling more confident of the subject at hand.

Celina provides great explanations in detail. She is very helpful during the office hours. Her classes are fun to attend.

I think that my instructor did a good job of explaining the concepts that we learning in the pre–lecture videoes in more detail. The labs were amazingly helpful for learning the concepts. I think I did 90% of my learning in the labs.

Able to answer question within a timely manner. Very patient when providing help.

She was always willing to answer questions from students, and the answers given were always helpful.

Really approachable. Went the extra mile to even reach out to me and tried to make learning more accessible for me (I wasn't able to attend any lectures).

Throughout the term, Dr.Berg would utilize short videos to teach us concepts. I found these shorter videos helped me understand concepts better than longer videos and easily rewatch them, without losing too much time. In addition, Dr.Berg has office hours almost every weekday of the week. Stopping by office hours were truly a lifesaver. In these sessions, I would ask Dr.Berg various questions about various aspects of the course and receive clarifications. Dr.Berg hosted lectures every Monday and Thursday afternoon. In these lectures, Dr.Berg would recap the highlights from each video, code an example problem and answer any questions. I found attending these lectures/sessions to be extremely helpful to my learning.

She was available for help and was great at explaining

Very clear and prepared for class. Class was very interactive which kept me engaged and lead to a better understanding of the material. I also found the pre lecture videos very useful.

Was always open to questions, and answered them positively and never degraded students for odd for dumb questions. Made everyone feel welcome

She is very good at explaining concepts, and is always willing to help with assignments and spend time to make sure the concepts are clear.

very clear instructor was really nice with students who were confused and encouraged questions from students often

Very knowledgable and always there to help! Was really impressed by Professor Berg's willingness to help us learn the concepts and stick around in office hours.

She knew what she was talking about. She did a good job in explaining some of the concepts.

The prof was good overall. The prelecture videos and quizzes really helped to understand the content before class began, with coding examples completed in class. The activities such as tracing through trees was very helpful before being thrown into coding trees, so I think the prof's teaching skills are great in that respect.

She taught well and I hope she continues to teach online

The course felt very organized. Even after missing a class we were able to get back up to date and still had the time to have an extra day for review before the final midterm.

Course went very well overall:)

She demonstrate and explain the problem and concept well.

Eager to answer questions I had.

She is always welcoming student's ideas so I never felt shy to speak or ask questions. She is also super fast at responding help emails and questions on forums which helped me through the assignments for the course.

She's very passionate about the material she teaches which makes it more enjoyable to be in her class.

class engagement despite online environment. Did examples that helped lead into the assignments.

Very helpful, but the course is too hard

Celina was a very good instructor and was well prepared for class. Her lectures were very well designed which made the learning the material easier for me. Celina was a very good listener and worked as hard as possible to answer everyone's questions in a respectful manner and usually could get through to people who were confused about the subject material.

She provided lots of help in the forums whenever people had questions. Since we aren't able to share code, she did a great job of explaining the idea of what we needed to do without showing us exactly how to do it.

the speed to get feed back on the discussion board was excellent.

Approachable and well organized

Patient, very approachable, and will take as much time as needed to further explain concepts.

She is very patient which is a huge plus. not everyone is at the same level at coding and she made sure to slow it down for everyone to be on a even playing field.

She was always prepared for class with lots of examples ready. Every question asked in class was answered clearly with examples.

- Considerate of students
- Good time management
- Explained concepts and answered questions clearly
- Was on top of discussions

She elaborated on the pre recorded lecture videos during the in class times. She demonstrated how to write code for some new and complicated concepts.

During lecture time, Dr. Berg explained course content well. I really appreciate how she took the time to address every question satisfactorily but still stays on track for the rest of the lecture.

Made every attempt to answer questions or concerns students may have had with coursework or other things.

Very prompt responses.

organized, helpful, personable

Celina was excellent at introducing a concept on a very basic level and building it up in complexity throughout the lecture. The lectures were also relevant to the assignments but did not give away all the answers". Assignments were challenging but not impossible (made you think while not being out of reach).

Her labs and assignments help me understanding the concept of the course

The pre-lecture videos as well as the examples we covered during lecture were really helpful.

Good lectures, the examples really helped with understanding. I liked that we did short prerecorded videos before to get the lecture material and then went through demonstrations and examples in class. The zoom polls were very helpful. going to office hours and asking questions really helped me. Having the practice midterms was really helpful

Celina is one of the absolute best professors I have ever had. She is so clear and to-the-point in her explanations, so willing to answer questions, and has great communication skills.

She gave amazing lectures and very helpful tips during her office hours.

Please provide specific suggestions as to how the instructor (Celina Berg) could have helped you learn more effectively.

Comments

She was a great professor, except for the workload for assignments (that sometimes took really long time to finish) made it very stressful, while managing other courses. The weightage of the assignments was comparatively less in comparison to the amount of time put into completing them. Multiple quizzes for labs along with the assignments were sometimes overwhelming. Reducing the workload would be really helpful for the students to focus on other subjects.

Honestly, Celina has met all my expectations of an outstanding professor, and I cannot think of anything that she could change to have benefitted my learning as her teaching style and clarification of material provided me with the highest quality of education I could receive in this course.

Please give us the assignments and old exams of the same difficulty as the mid-term exam.

Discuss correct answers of the midterm.

I found the classes difficult to follow along. In most classes, you can easily take notes, but in the class, we kind of just wrote some code, which was difficult to follow along with a zoom video and text editor.

I know with classes being online is harder to keep students engaged but I did find it hard to stay engaged with the lectures.

No suggestions

I learn mostly on my own, Dr. Berg did an excellent job of responding to email questions.

Overall, I thought Dr.Berg did an amazing job at teaching our class. If I were to suggest anything, it would be to provide more practice materials for midterms and recommendations on strategies to tackle the midterms.

She did a great job

2 screens would have been nice. I find that tracing through code on paper always helps me. I would have like to have seen more drawn out tracing instead of just talking through it.

n/a

I would have really appreciated more code writing examples in class. Such as working on a problem rather than focusing on theory. Although I feel like this improved as the course went on and that the theory was really integral to understand the whole picture! I believe overall we just didn't write enough code together and it wasn't as smooth of a process as it could have been.

I wish she would provide sample solutions to our lab and assignment exercises. It would be extremely helpful to see how I could have done a better job on them. The feedback is not extensive enough to tell me what exactly I did wrong.

On exam feedback, provide actual feedback rather than incorrect and nothing. I dont know what I could've improved upon

Online labs weren't very effective, mostly functioned as a second assignment each week.

:)

Talking about abstraction a bit more/directly during each topic.

I cannot give any suggestion

I found that closing the discussions after an event challenging. Like how the midterm questions forum closed during the midterm. I understand the point of closing communication during the midterm. But i had a question after the midterm and couldn't post it. Also it was mentioned that all school questions regarding the content had to be posted in the forums and would go unanswered in email.

I don't believe we really covered much material in lecture. We spent most of it discussing theory and a lot of that was covered in prelecture videos. I would like to have coded more in lecture so that labs and especially assignments weren't so difficult. I am little torn by this because I understand the benefit "throw in the deep end" style, which is what this course was all about.

I think more help on visualizing trees would help like one assignment where it generated code to input to a website to get visual aid

More feedback / answers / what questions are wrong on quizzes. Some have info and some don't.

To help me learn effectively, my instructor could spend a little time at the end of the lectures going over or explaining some assignment methods. Some of them were a bit confusing to understand.

Maybe some more coding examples when we are shown new material, especially for people who are newer to programming and may not have as strong grasp.

Nothing, stay the way it is!

Perfect enough

I can't think of any suggestions.

going a little bit faster in lectures would have helped me. have solutions for all the practice midterms. I know we were supposed to test the code ourselves but for the more conceptual questions that wasn't really possible

Celina I think you work too much!!! No matter what time is it you reply to emails/forum posts in minutes. We love you and want you to have free time!

can't think of anything, She was an amazing professor.

Please provide specific suggestions as to how this course could be improved.

Comments

Hard to do with the large number of students per class, but I would say the grading of assignments and labs should be changed and be more thorough instead of the semi–automated grader that is currently being used.

Increasing the time for assignments, along with the weightage. Also introducing different examples that can help with the assignments.

At certain times, what is reviewed in lecture does not align with what was taught in the provided lecture videos, but this problem is easily overlooked as it has highly minimal impact to the course material.

The mid-term test is so hard. Much harder than labs, assignments or old exams. I don't think other students have enough time to finish their test. I have really no idea about why the exams are so hard and time is so limitted.

In Lab 6, we had to use string.charAt(index). This was not talked about in class.

My largest issue in this course was the assignments. I do not understand why the assignment is supposed to be a more difficult version of the lab. Shouldn't the lab be more difficult, considering that you can easily get help to understand the methods if you need it? Why are the assignments so hard? I tried going to office hours but I wasn't even allowed to share my code via screen share, so I couldn't even get assistance that way. Most weeks I spent more than 6 hours just on the assignment alone. Further to all of this, if you have one error that comes up in your code, causing your program to not compile, you will get a zero on the assignment, no matter how much of it is correct. I really think that the assignments need to be reworked in this class. Or even just literally swap the assignments with the labs.

I find that the material in assignments and labs are significantly harder than material in lecture. I am used to learning all the skills I need to complete assignments during lecture and I found that I was not getting that. I often had to rely on secondary sources for

implementations of abstract data types. Personally I did not have any issues with understanding abstraction.

No suggestions

The locking out of each question for test writing is silly. I would prefer a more conceptually challenging exam over a finicky one. There was no potential for time management as well. I wrote one with 30 min remaining that I wasn't able to use to review and another where I almost ran out of time.

I think it would be nice if there was a video explaining how to do the lab or assignment for each assignment. As the lab instructor I had was terrible at explaining it, and never provided any assistance, so I stopped going.

One thing I was confused about throughout the course was how the abstract portion was related to our programming assignments. It wasn't until the end of the term that I truly understood this.

Same as I had mentioned above. Labs and Assignments were very very helpful in gaining understanding of the course material. I am not sure if moving forward the midterms will continue to be online however, I found the time constraints difficult (although, In understand necessary). If would be nice to have the option to have practice exams online (that use the same format as the midterms). I feel that I could have done better on the midterms if I was used to the formatting.

Include some type of slideshow or something that we can look back on from the pre lecture videos.

Having a class to go through exam material before exam day

n/a

I think the course structure is quite good, and I have no comments on improving it.

The midterms were difficult to parse through since some questions took up 3+ screen views worth of reading, which proved difficult to understand where different files were meant to start and end

The pre–recorded lectures in addition to the live lectures was wonderful, please keep this going forward. As for examinations, please make the questions in a fashion which is simple and direct rather than questions never even thought of

Be in person:)

I feel like the online exams material differed significantly at times from what used to be tested in class. Questions could be obscure to not have assignments due Sundays.

This course had too many components, between pre–lecture quizzes, lab quizzes, lab assignments, regular assignments and midterms. It was a lot more time than I usually have to put into classes. I think focusing on refining the material would be beneficial from a student perspective.

its fine the way it is. The first exam was a shock to the system. The one question had so much code involved, so much to read I had to keep scrolling up the page and down the page to try figure out how everything linked to each other, lots of people bombed that questions by the sounds of it... shouldn't be an issue in person though

May simplify the assessment question? I always spend much time to try understand what the question ask.

The workload was far far too much, the course could be improved by reducing the outrageous level of work expected. It is unreasonable to expect students to complete 10 labs, 10 assignments, 3 midterms, and approximately 20 quizzes for a semester of work. If each assignment and lab together in a week takes approximately 10 hours of work per week for the 2 combined, plus the pre–lecture videos and the quizzes and studying for the exams adding to another approximately 3 hours weekly, making it 13 hours a week approximately of work weekly plus 4 other courses was exceptionally hard on people's mental well–being.

If online exams are ever administered again, please do not use the same format where you cannot go back to previous questions or see following questions.

The screen–share was hard to see and decipher sometimes, but that's due to online learning; there's just a limited amount of screen space available.

I disliked the setup for the midterms. I feel that because I couldn't go back on questions, I did significantly worse. My quiz mentality is usually to skip questions I am stuck on and return to them. This quiz format didn't support that. I would often go two or three questions forward and then realize I made a mistake, but couldn't go back to fix it. I also often would double check all my answers before submitting, however I cannot do that on a quiz where once I leave a question its as good as submitted. I would say it was an unnecessarily complex way of testing our skill. Especially since there are many small mistakes in code that I could have caught had I been able to return to a question

Would have benefitted greatly from being able to share my own code with someone, outside of office hours. Also lab quiz reminders upon finishing the lab, many times I finished the lab early and forgot about the quiz.

Either go over more coding examples in lecture or update pre–lecture videos to include more coding examples. Syntax is still a heavy component of this course, especially for those coming from python and not used to working with compilers.

I am still uneasy about how we are unable to go back and forth between questions during midterms.

The class was overall very clear for me. During some of the midterms, I spent more time reading the question than implementing it, so making the code shorter or less to read on each question would be helpful.

The midterm formats were incredibly difficult. Mostly this comes down to being able to see all the information for each question and not being able to return to previous questions.

To improve this course, I would recommend more office hours hosted by the instructor themselves or a TA. My work schedule conflicts with nearly all the office hours which makes it difficult to get help.

The first few labs had links to the lab quizzes, while most of the other labs didn't. Difficult to find or remember about them.

I thought the course was brilliantly designed but the work load was too heavy from pre-lecture quizzes, notes, labs, and assignments.

Great enough

I can't think of any suggestions.

I wish my lab was earlier in the week than Friday. I wish I could have started working on the lab and assignment earlier than Monday. Please let us go backwards on midterms.

The assignments and labs greatly help me to understand the material in this course; however, 3 quizzes a week is a bit tough to keep on top of. My only suggestion for this course is to get it down to (at a max) 2 quizzes a week; especially considering that with a 5 course load it adds up to 8–10 quizzes a week which is. a bit ridiculous.

none