Course Experience Survey Results CSC 110 – Fundamentals of Programming I

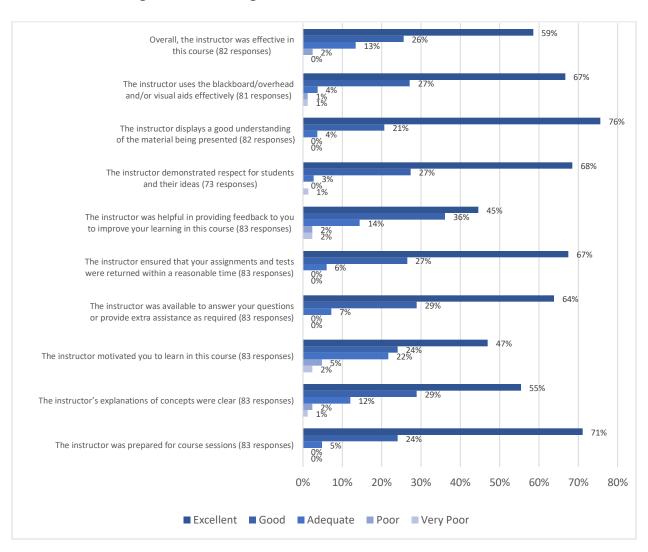
Term: September 2023

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.

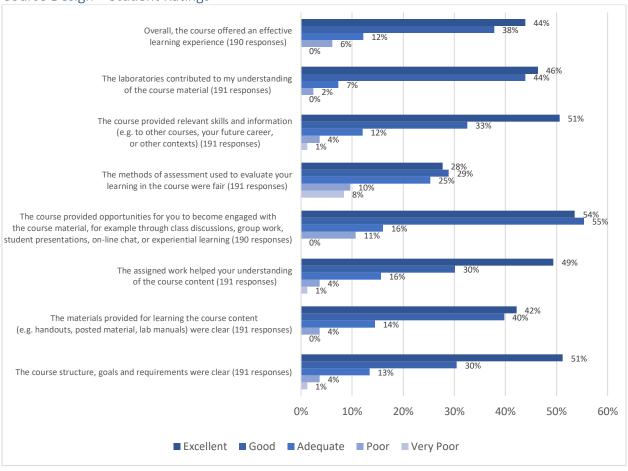
Subsequent pages provide the survey results from each individual section including students' written comments.

In-Person Offering

Instructor's Teaching – Student Ratings

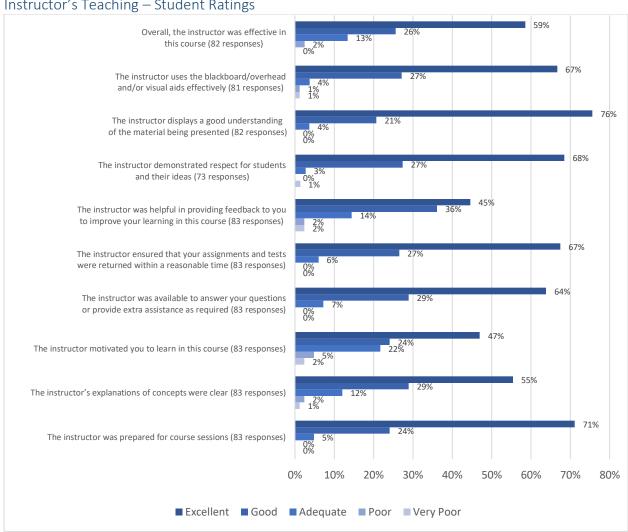


Course Design – Student Ratings

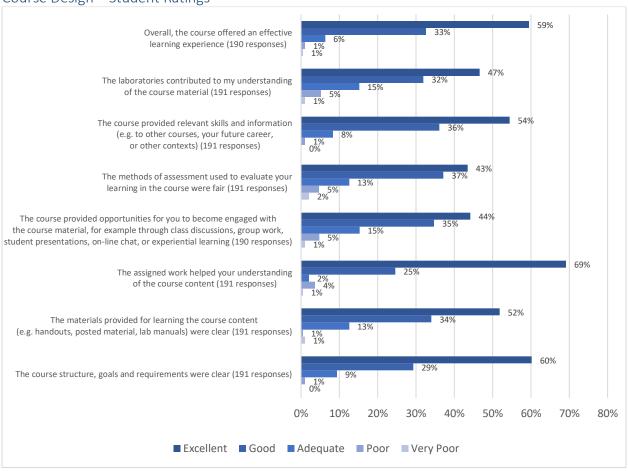


Online Offering





Course Design – Student Ratings





UVic CES Instructor Report 202309 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A01 (CRN 10746)

Project Title: UVic Course Experience Survey - Fall 2023

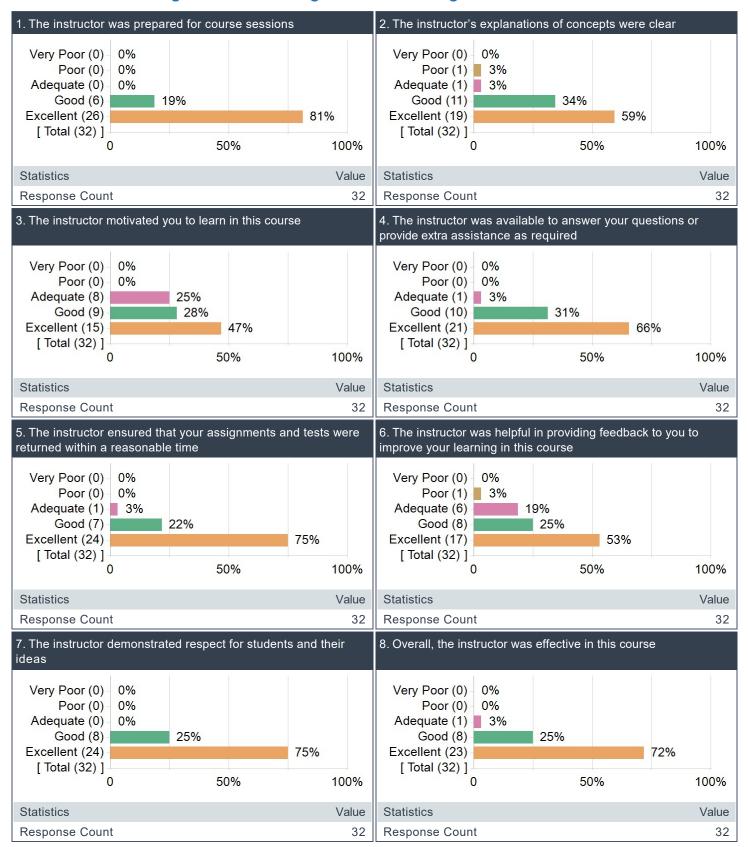
Courses Audience: **101**Responses Received: **32**Response Ratio: **32**%

| Subject Details | |
|-----------------|-----------|
| Subject Details | |
| CRN | 10746 |
| VNUMBER | V00129143 |

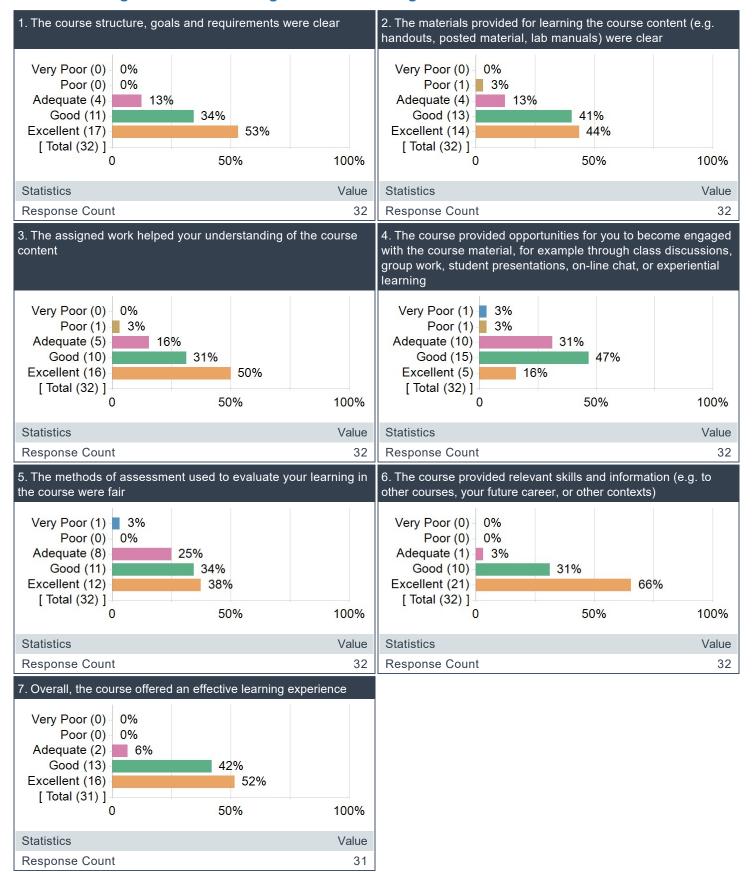
Creation Date: Thursday, August 8, 2024



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

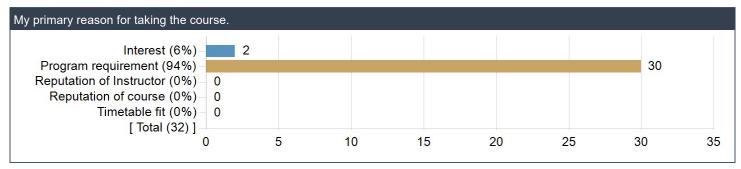


II Course Design - Students' Ratings on the Following Statements:

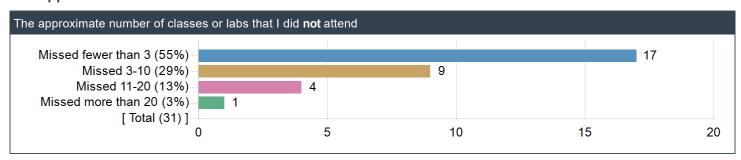


III Statements About The Students:

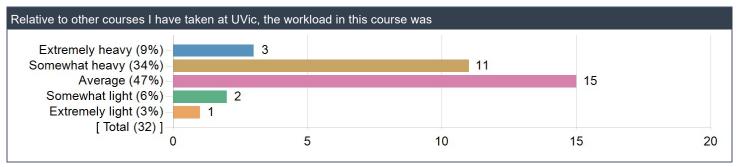
My primary reason for taking the course.



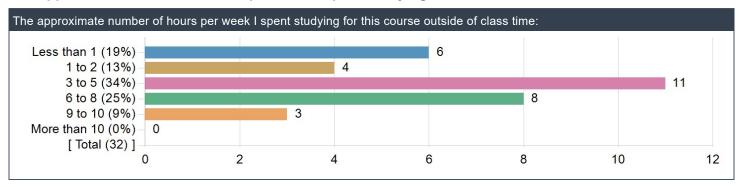
The approximate number of classes or labs that I did not attend



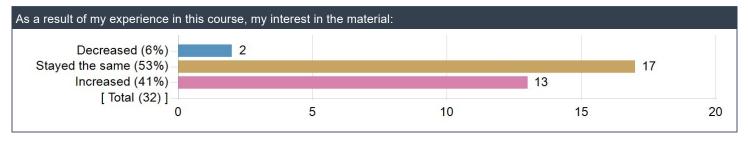
Relative to other courses I have taken at UVic, the workload in this course was



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

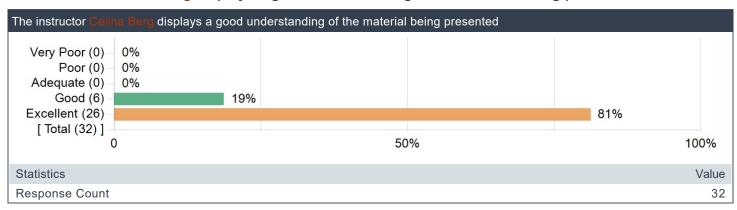


As a result of my experience in this course, my interest in the material:

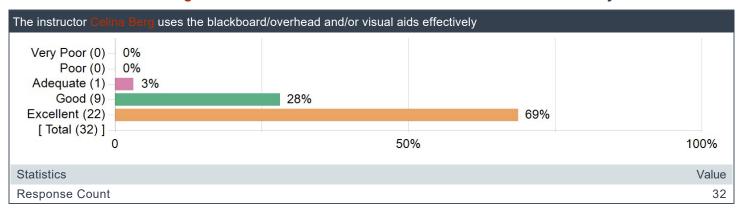


IV Additional Statments:

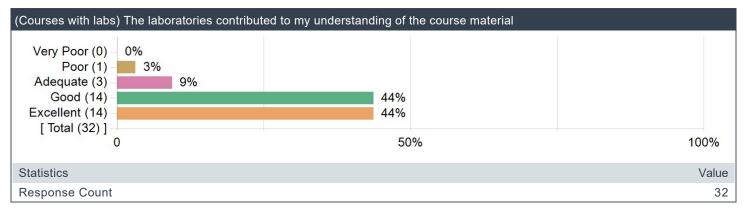
The instructor Celina Berg displays a good understanding of the material being presented



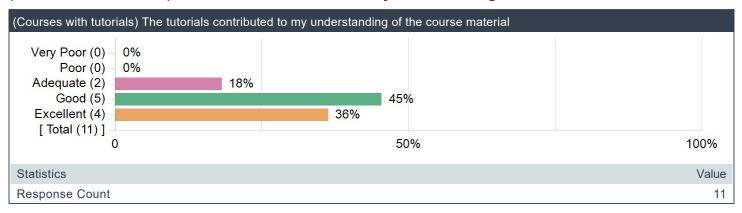
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



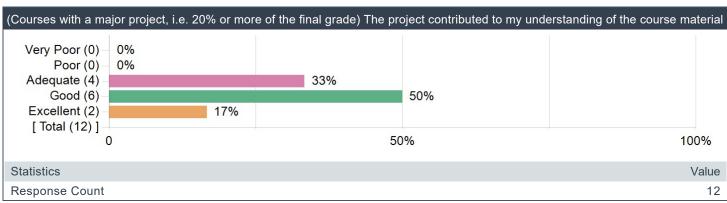
(Courses with labs) The laboratories contributed to my understanding of the course material



(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

Went through many different examples, gave lots of time to collaborate, great office hours (were super helpful)

Clear, very helpful when I was stuck on labs, problems, and assignments

Her interest in the subjects and her dedication to checking in on us and our progress in the class

She would come down frequently to interact with students.

Very clear understanding of course. Explained everything in a way that anyone could understand, best teacher I had this term by far.

Her ability to explain certain concepts by utilizing specific analogies make it very easy to understand the course topics.

She gave us a lot of practice problems, and we were given time in class to figure out the solutions. She then explained the solutions very thoroughly and even tested out multiple solutions. This showed what solutions were most efficient and which solutions wouldn't work for that particular scenario.

she was good at involving the class, and trying to get the class thinking about the problem. always trying to get the students to come to theor own conclusions first and asking the class lots of questions. i enjoyed the ball throws for exception handling. when my friend ben was wrong all the time, she was nice about it, trying his ideas regardless.

She was very clear with the information so easy to understand concepts I didn't know that well.

The lectures helped us gain a deep understanding of the principles of programming. The teacher made the class engaging and interesting. The teacher was available to support students and explained in a helpful manner

She was incredibly prepared, and always used ALL of her time as efficiently as possible.

She was extremely approachable and very helpful in answering questions quickly and in detail. Her office hours were effective and helpful and she clearly has an interest and strong understanding of the subject which makes it more interesting to learn about.

Classes were quite engaging, and explained in an interesting way

She was an engaging prof to listen to.

She was always available to answer questions. Very attentive!

Explained concepts clearly, very good use of the projector at front in order to show how the concepts worked.

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

Comments

Instead of jumping straight into examples at the beginning of the lecture it would have been more helpful to first review (if we had a pre-lec quiz due the night before or when a new topic is introducted) a little bit before we jump into the examples.

NA

She could have shared her written notes and English explanations for the topics so we could review more than just codes that may not be easy to review

Use PPT during lectures instead of just programming software

nothing, she's great

N/A

she does ask redundant questions sometimes with obvious answers, so obvious that nobody bothers to answer them, until eventually someone mutters it and we move on, waste of time maybe?

I thought she did a great job of helping me learn effectively

I don't have any suggestions, I think my instructor was pretty good.

she was good.

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

Comments

Nothing I can think of

NΔ

Definitely different test formatting, the time limit and lack of testing capabilities was very unrealistic in comparison to real world programming. Testing your program is the key to finding and working on errors and having such a small amount of time mixed with limited testing capability affected my overall grade in this course drastically.

The course moves more slowly to allow each section to connect

make the instructions a bit more clear during tests and assignments

Please add more TAs/Instructors in charge for labs so that the wait times of getting a mark aren't extremely long.

on the assignments, the docstrings were long and complicated, sometimes very hard to decipher what is expected.

- Maybe make the tests so that the written questions aren't immediately given a zero on the autograder if a minor mistake is made.
- I think it would be more fair to do this, as the written questions make up the majority of the tests, and many people may fail

Allow code testing in unit quizes

The first test in my course had an impossible question as the main coding question. The marks for this question were refunded to all students, however, I wasted all of my time trying to fix the impossible question. The question was worth the majority of the marks on the test, and as such I did not have time to go back and fix the other questions. As a result, the first test ended up being my lowest grade out of any material in the course by a decent margin. I am unsure how an impossible question can make it through screening and into the hands of students on a test. At least it wasn't the final, so let's hope there isn't one on that.

I think that it should've been more code-writing in guizzes.



UVic CES Instructor Report 202309 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A02 (CRN 10747)

Project Title: UVic Course Experience Survey - Fall 2023

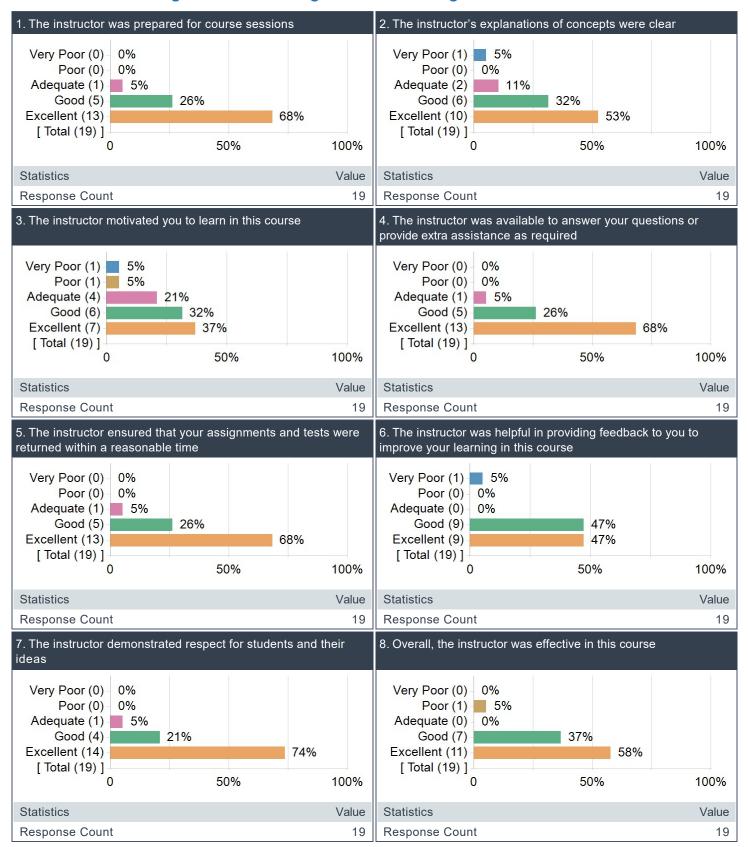
Courses Audience: **63**Responses Received: **19**Response Ratio: **30%**

| Subject Details | | |
|-----------------|-----------|--|
| CRN | 10747 | |
| VNUMBER | V00129143 | |

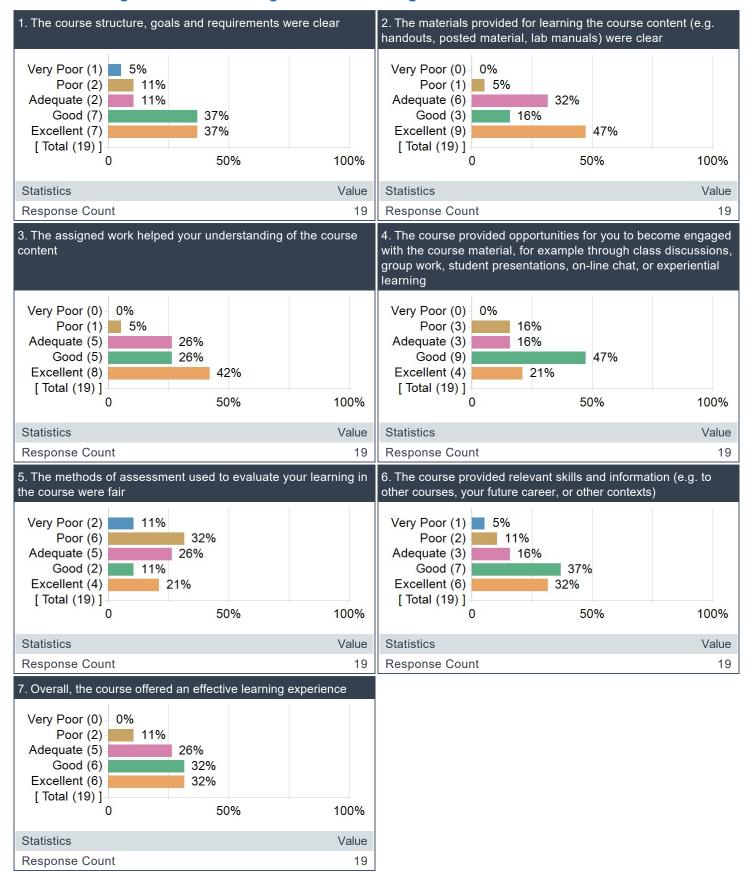
Creation Date: Thursday, August 8, 2024



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

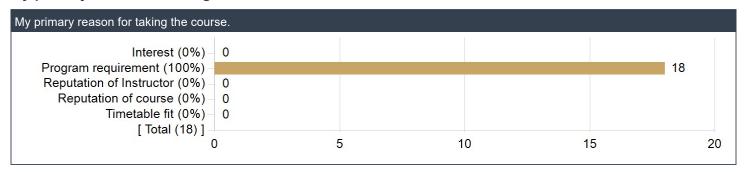


II Course Design - Students' Ratings on the Following Statements:

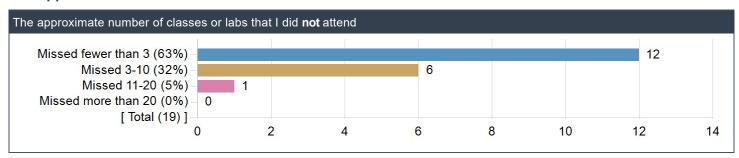


III Statements About The Students:

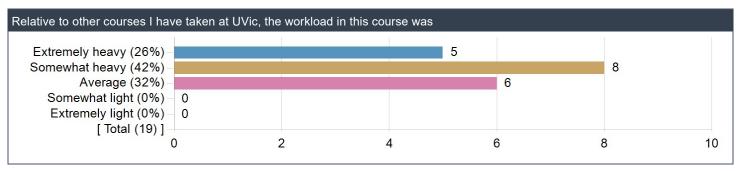
My primary reason for taking the course.



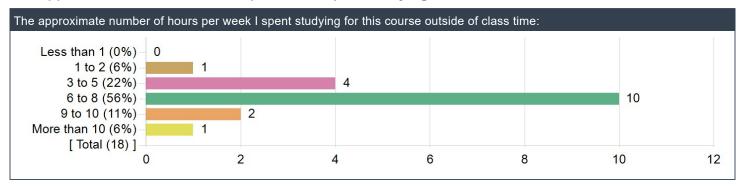
The approximate number of classes or labs that I did not attend



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:

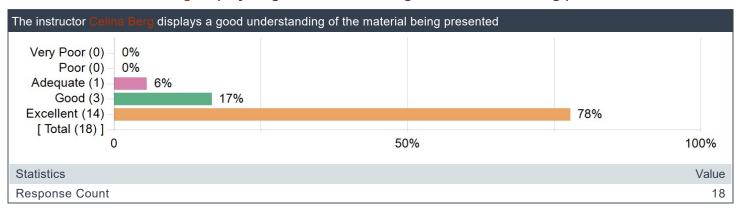


As a result of my experience in this course, my interest in the material:

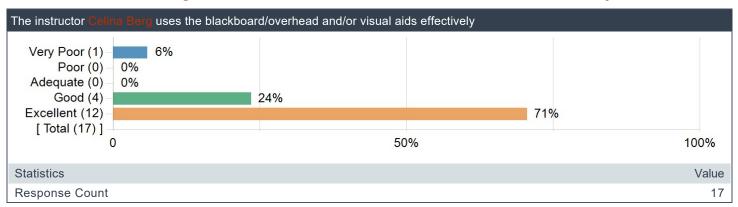


IV Additional Statments:

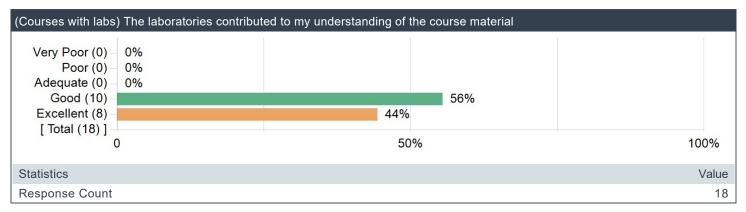
The instructor Celina Berg displays a good understanding of the material being presented



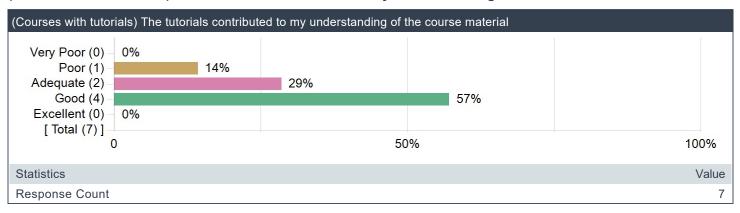
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



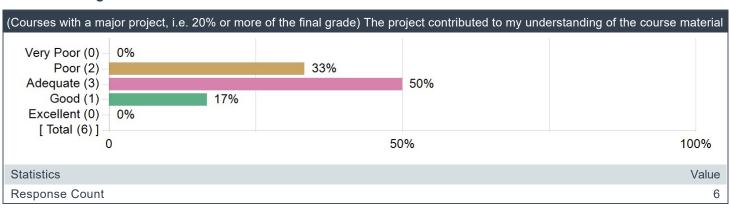
(Courses with labs) The laboratories contributed to my understanding of the course material



(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

energetic and happy

she really explains the course material very well and also motivates us to answer during the lecture.

She was really good at challenging the whole class to get involved, which is extremely impressive considering it was a massive lecture hall. She presents information so effectively and is very kind and helpful when you ask a question. She really makes sure you know the material, and designed the course to make sure you can't fall behind or slack.

Very knowledgable on the material

Dr. Berg clearly knows programming, python, and the idea of learning problems. It was clear she wanted us to apply general methods of identifying the kinds of problems we may face in programming and how to approach them to make them manageable. I'm not sure how well this will prepare us for the future, but she really did get that message across well and if it is important, she did a great job at delivering it.

She explains the material well and it very kind

She knew how to teach the subjet well

Celina was great! Always helpful, connects with students and responds quickly!

She was very helpful with office hours and was always super friendly.

Enthusiasm, great sense of humour, very engaged in course.

Very clear explanations of concepts, interactive with students which helped pinpoint common mistakes and their solutions, compassionate and knowledgeable.

- Was very supportive and open to answering questions after class

Came well prepared to lecture. Released assignments and labs with adequate time to complete them. Was very available for office hours. Encouraged students to work together during sample problems in lecture. Showed us how to break down the problems on paper, which I thought was a very useful tool for the assignments!

Celine Berg had showed different ways of solving questions in coding. She was also very proficient in her demonstrations and lectures. I was able to refer to the code made in the lectures when working on assignments. She would get the class involved by asking what the next step would be in solving the given problem.

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

Comments

the lectures are a waste of time.

we are really only given 7–12 minutes of instructional material through the pre–recorded videos.

PrarieLearn is absolutely rubbish and seems like a lazy way to do minimal grading. not an effective teaching method.

I feel she is good at what she teaches.

Having more examples of further coding examples after the lecture (like post lectures) so students can get more exposure to difficult questions, similar to the ones on assignments or unit quizzes.

Going through classes a bit faster, primarily the explanations of how the code works. I felt that we weren't given enough time to try to write our own code and given way too much in class deciphering the code. Also the prerecorded videos are extremely slow.

The labs were honestly too easy compared to the expectations of the assignments and tests. All the lab time was actually spent waiting for the TA to be able to grade your work so you could leave, rather than using the lab for learning. The material in class wasn't challenging enough to prepare for tests, nor applied or analogous enough to why we might need to know it for things such as "game design" or "data science" or really anything. I think more examples of relevance and applications rather than just raw coding could be helpful. I believe the pre–lecture content could have been more thorough and rigorous to help deepen learning. And finally, lectures felt at times like a waste as we wouldn't finish problems all the time, or most of the time as it got later into the course. And just listening to an explanation of how to code something, or using lectures to just code felt a bit awkward.

Change the structure of testing.

idk i think she reached pretty much everyone

Moves a little fast in course material.

Maybe making the problem banks closer to what is happening in the tests.

Not sure. I think she was great, I just don't like computer science

- Make the midterms easier (closer to what we learn in labs and assignments)
- Post more practice questions and tests to prepare for midterms.

There were some weeks which I could not do the pre–lecture as far in advance as I would have liked. Some weeks are very full, and I only have time early in the week, but the pre–lectures weren't open yet! This caused me to miss a few. Please open the pre–lectures a few more days before they are now.

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

Comments

ditch Prarie Learn. Ditch the pre-recorded lectures and go back to teaching in the lectures. Tests on paper.

I think the prairie Test auto grader should be switched with some kind of manual grading as it doesn't really give you any marks even if you made a simple spelling mistake or a silly error which leads to a loss of great deal of marks and there's no kind of step marking.

certain assignments had ungodly long docstring, making it very hard to understand what we were supposed to do. Lessening the docstring would make it more understandable.

Firstly, the quizzes were too extreme in terms of time constraints and material compared to the expectations from the other course material provided.

Next, the material needs more analogies and references to where its useful to make it more engaging (le, we are we learning this? and why are we learning this, this specific way?).

Labs are underutilized big time.

Assignments were long and more tedious then challenging, more interesting assignments that focus on developing skills would be appreciated.

Balance out the difficulties between the midterms and assignments

the labs are just basically assignments, maybe they could be made more applicable?

The assignments were way too hard compared to the labs and lecture work, especially the rocket ship question which was unnecessarily hard. I also feel like this course is not beginner friendly as it moves way too fast for me to to learn the materials correctly.

N/A

Tests felt super rushed. I wish they were 50 minutes instead of 40. I have never been more stressed out while writing quizzes. Also, I wish Brightspace gave notifications for assignment due dates, as there were a lot of components (pre–lectures, assignments, etc) and it was hard to keep track of them all.

- Post more practice questions and tests to prepare for midterms.

Have the unit tests be outside of class time. 40 minutes is detrimental to students and does not give an ample enough opportunity to score well, as some people reach the read/writing questions ~20mins after the start of the test due to answering the short—answer questions, which results in them running out of time. Maybe structure the tests so that a read/writing functions is written in parts instead of all—at—once, where the auto—grader marks each individual part (i.e. whether the output of function at this part/point is as expected or not), allowing you to gain partial marks instead of a zero if you make a mistake in your code.

time limit for unit quiz should be higher

I've got nothing. Thanks for a wonderful semester, Dr. Berg!

I believe the labs could be imporved. Some students have labs early in the week and this means their understanding of the unit will be different compared to those who have later labs. I suggest that within the lab time, more of the content should be taught. I also suggest this because, the lab is not to explore your understanding of the concept, rather it is more of an application of the concept. The allotted time is impractical if the lab can be done outside of the class. Most of my fellow labmates would complete the lab before the class. This makes the lab more like homework than a lab.



UVic CES Instructor Report 202309 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A05 (CRN 10750)

Project Title: UVic Course Experience Survey - Fall 2023

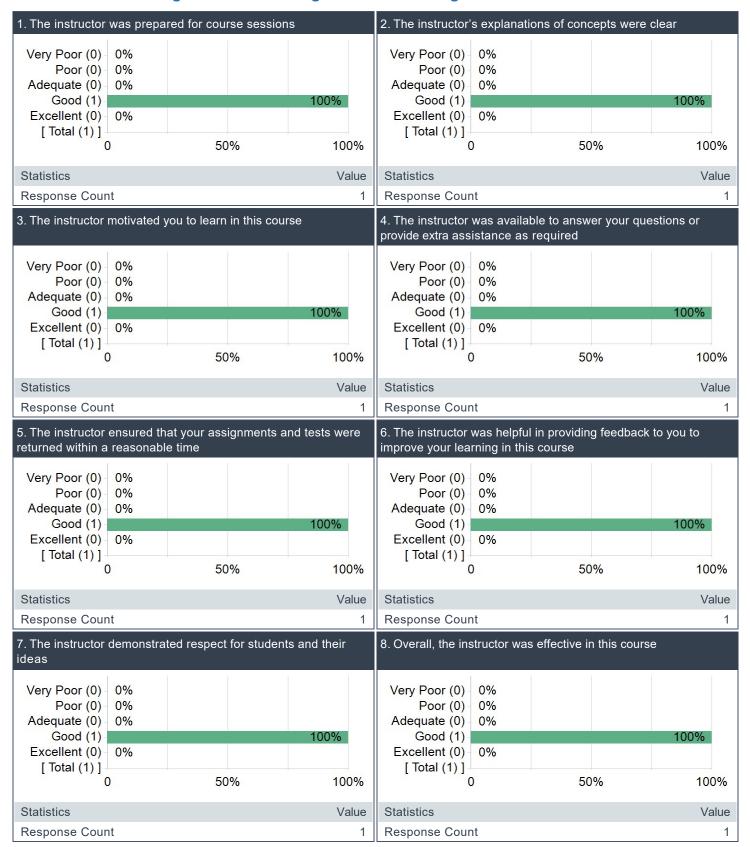
Courses Audience: 7
Responses Received: 1
Response Ratio: 14%

| Subject Details | |
|-----------------|-----------|
| CRN | 10750 |
| VNUMBER | V00129143 |

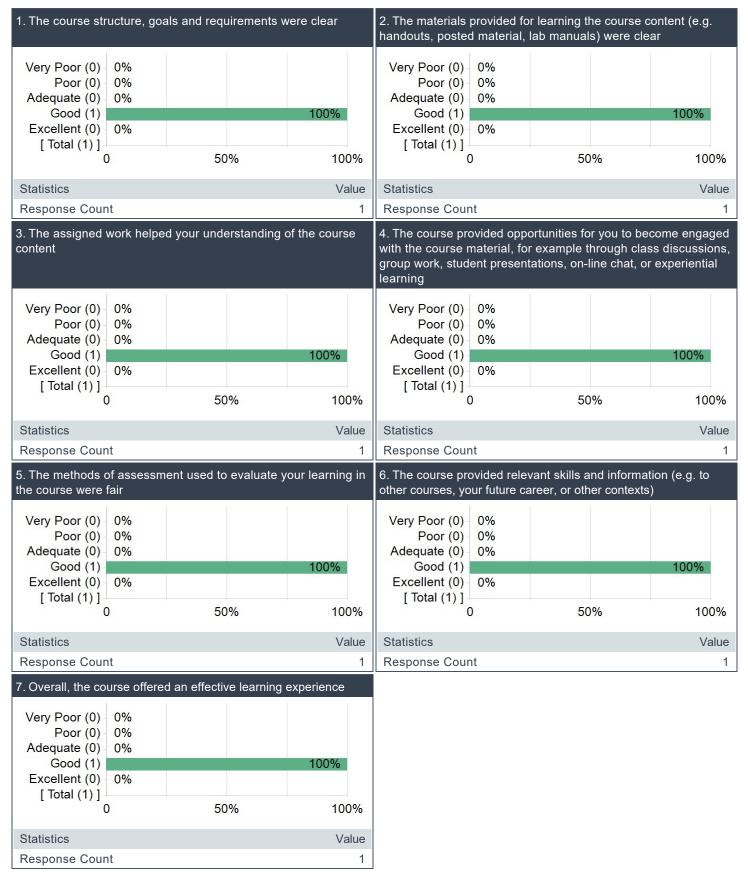
Creation Date: Thursday, August 8, 2024



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

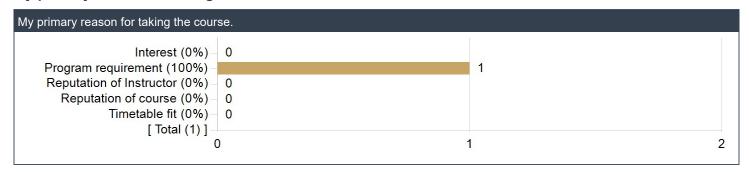


Il Course Design - Students' Ratings on the Following Statements:

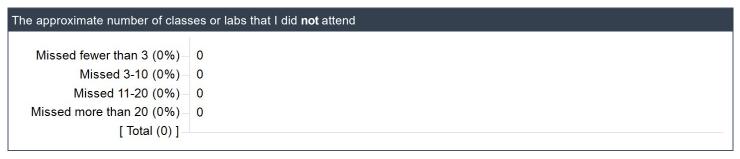


III Statements About The Students:

My primary reason for taking the course.



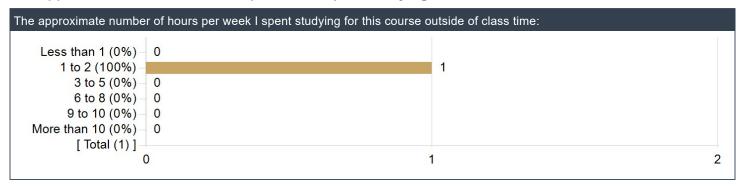
The approximate number of classes or labs that I did not attend



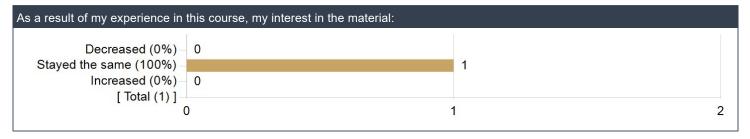
Relative to other courses I have taken at UVic, the workload in this course was



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

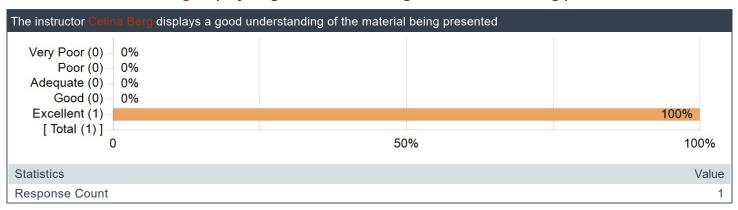


As a result of my experience in this course, my interest in the material:

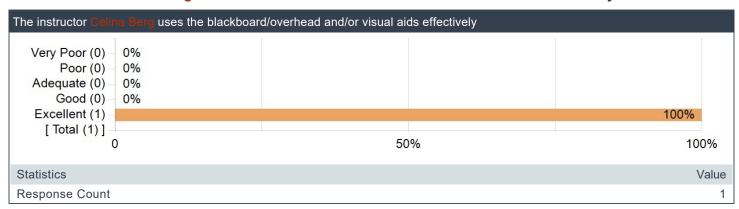


IV Additional Statments:

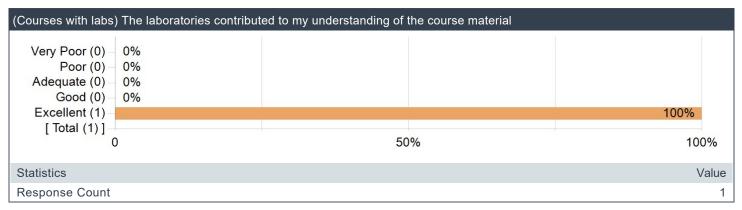
The instructor Celina Berg displays a good understanding of the material being presented



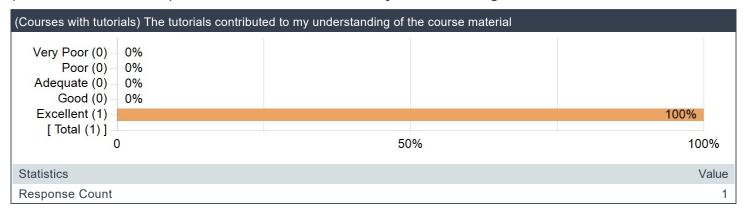
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



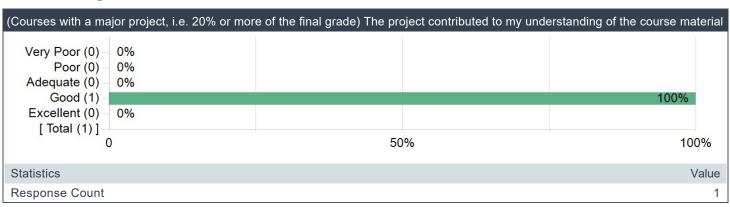
(Courses with labs) The laboratories contributed to my understanding of the course material



(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





UVic CES Instructor Report 202309 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A06 (CRN 10751)

Project Title: UVic Course Experience Survey - Fall 2023

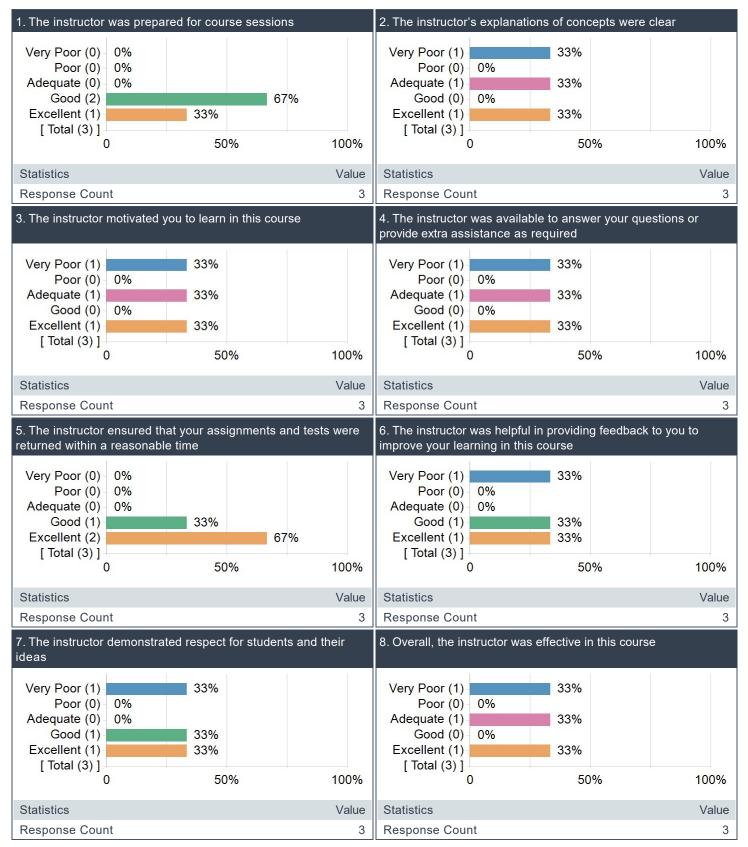
Courses Audience: 9
Responses Received: 3
Response Ratio: 33%

| Subject Details | |
|-----------------|-----------|
| CRN | 10751 |
| VNUMBER | V00129143 |

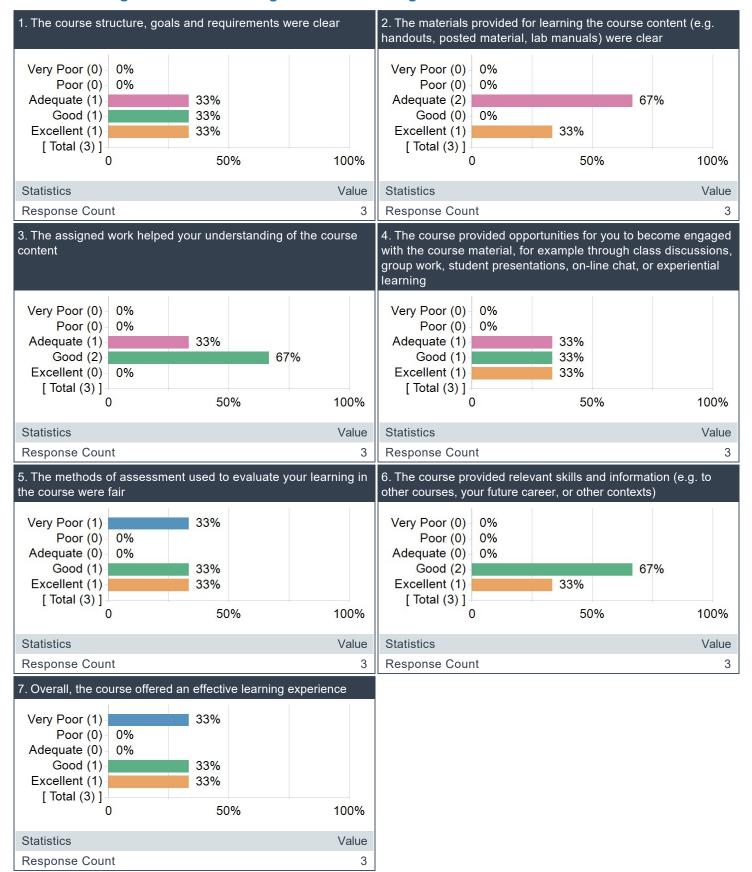
Creation Date: Thursday, August 8, 2024



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

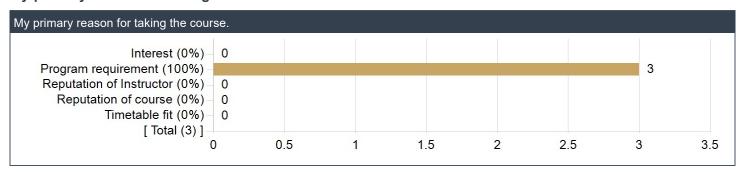


II Course Design - Students' Ratings on the Following Statements:



III Statements About The Students:

My primary reason for taking the course.



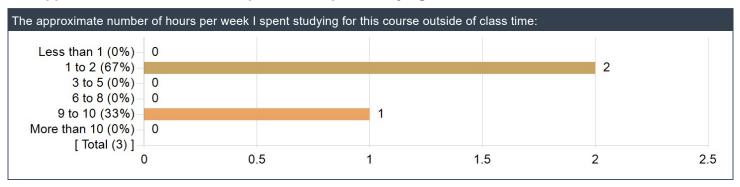
The approximate number of classes or labs that I did not attend



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:

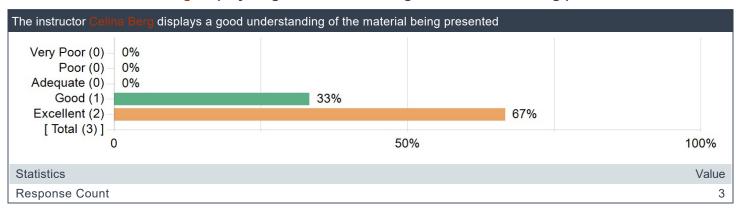


As a result of my experience in this course, my interest in the material:

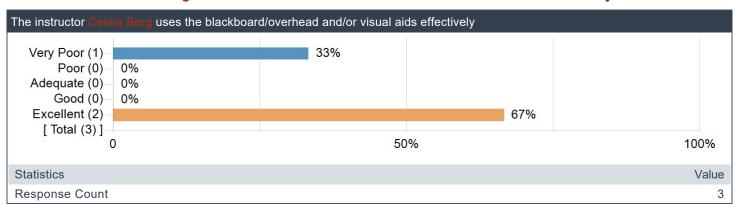


IV Additional Statments:

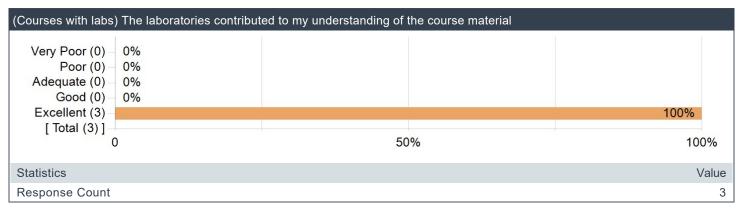
The instructor Celina Berg displays a good understanding of the material being presented



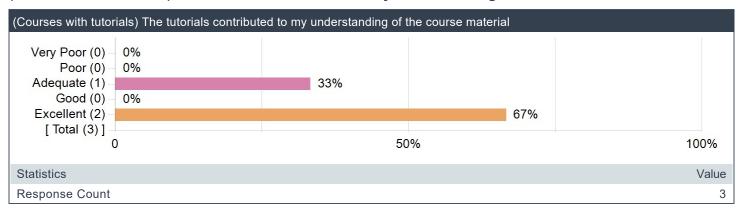
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



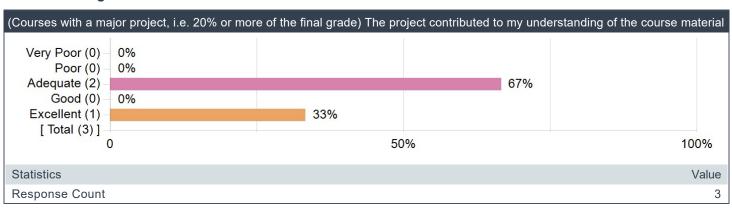
(Courses with labs) The laboratories contributed to my understanding of the course material



(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

Prof Berg is clearly knowledgeable in what she does

Really good in understanding what the students needed

She helped me understand difficult concepts

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

Comments

It was next to impossible to get a question answered in class, or in forums. Both Prof Berg and the online TA would notoriously avoid giving straight answers to even the simplest questions (which often were not 'what's the answer' type questions.) After the first two weeks, I just stopped bothering, and taught myself anything I needed to learn on the side.

Explaining a bit more about how to go about course work

N/A

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

Comments

It's extremely hard to be kind with my feedback on this course. The professor and TA discouraged engagement, the weight of assignments and tests, when taking workload into account, are severely lopsided. And Prof Berg commits the common professor sin of writing questions and materials in such a way that they are unwelcoming, exhaustive, and when in a testing situation, I would even say hostile. I actively felt like the course was designed to be as difficult as possible, not in a technical sense, but just in the sheer amount of 'stuff' I was required either to hold in my head at one time, or in things like variable design, where names, numbers, and values are all as complicated as possible. I can't imagine any new coders came out of this class feeling like doing more.

In summary: Answer questions, adjust the course weights to reflect the work required, field test the writing so that it is approachable, which includes creating examples and function designs that are for a class that is learning to code for their first time ever.

The course should have more detail in assignments as it seemed very confusing to understand

Easier Assignments



UVic CES Instructor Report 202309 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A07 (CRN 10752)

Project Title: UVic Course Experience Survey - Fall 2023

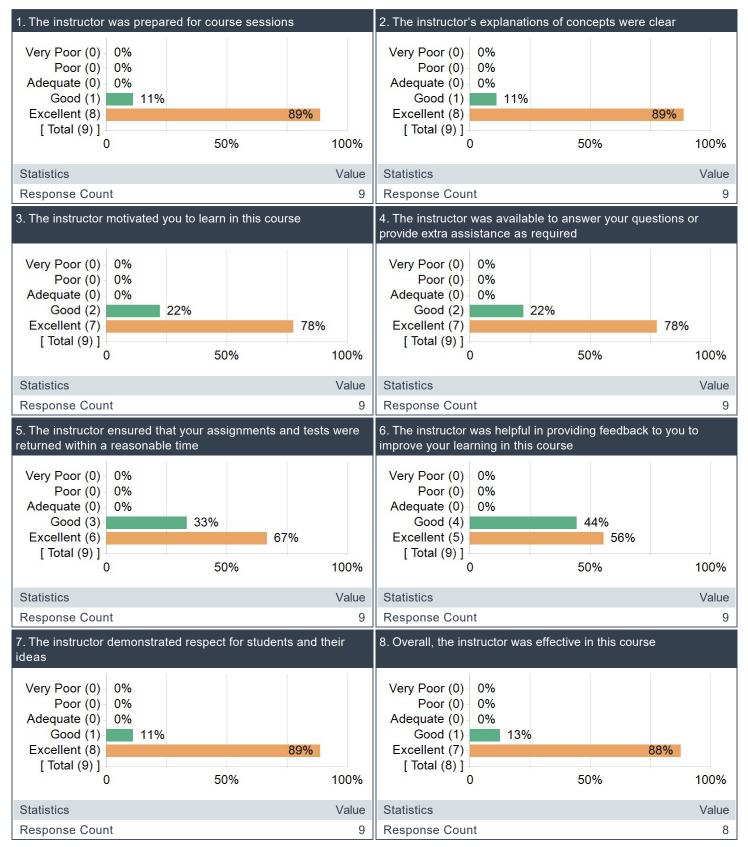
Courses Audience: **34**Responses Received: **9**Response Ratio: **26**%

| Subject Details | |
|-----------------|-----------|
| CRN | 10752 |
| VNUMBER | V00129143 |

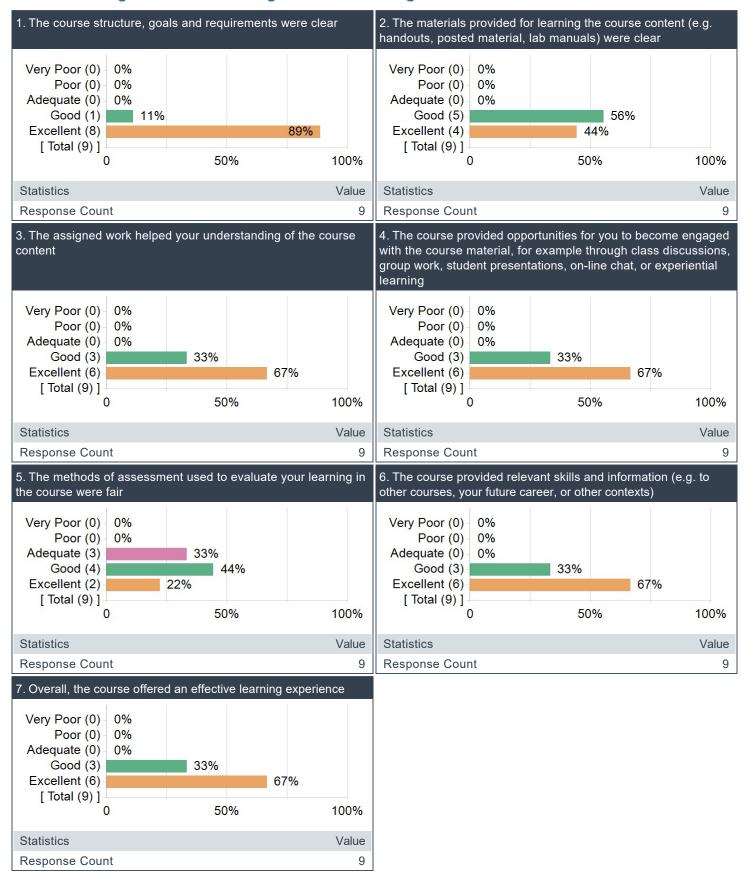
Creation Date: Thursday, August 8, 2024



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

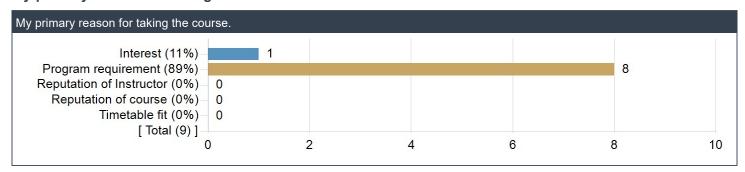


Il Course Design - Students' Ratings on the Following Statements:

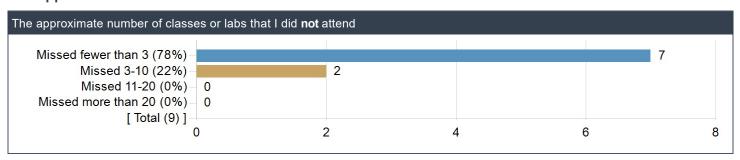


III Statements About The Students:

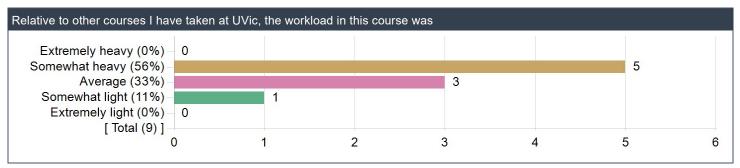
My primary reason for taking the course.



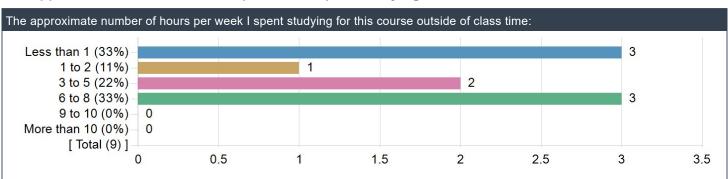
The approximate number of classes or labs that I did not attend



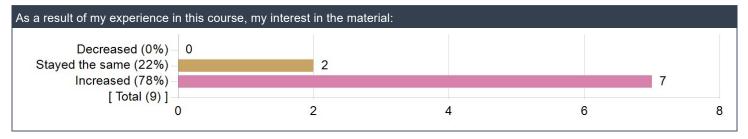
Relative to other courses I have taken at UVic, the workload in this course was



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

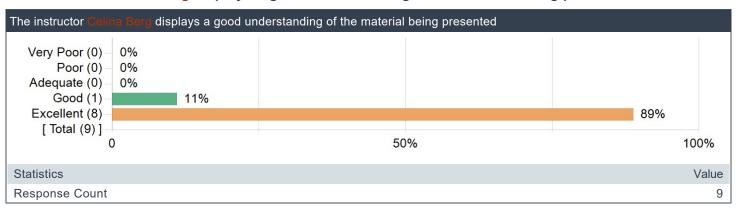


As a result of my experience in this course, my interest in the material:

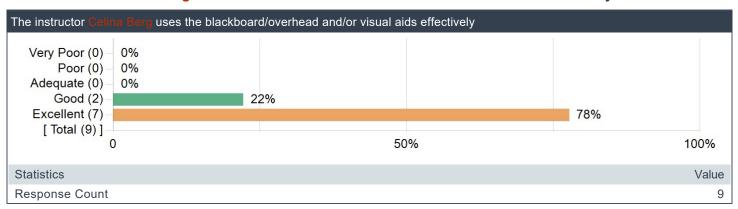


IV Additional Statments:

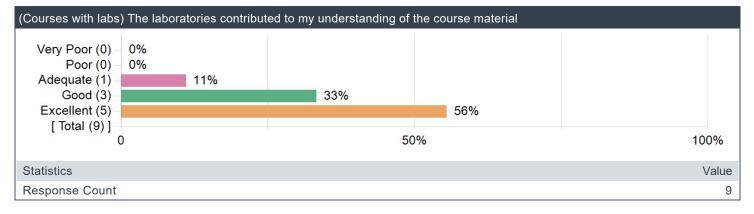
The instructor Celina Berg displays a good understanding of the material being presented



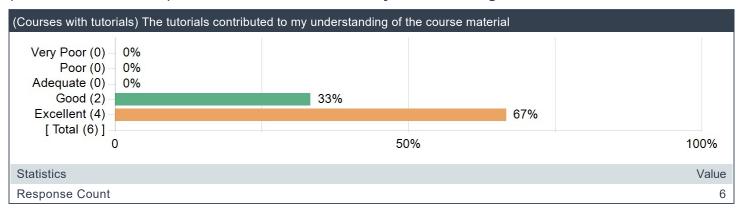
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



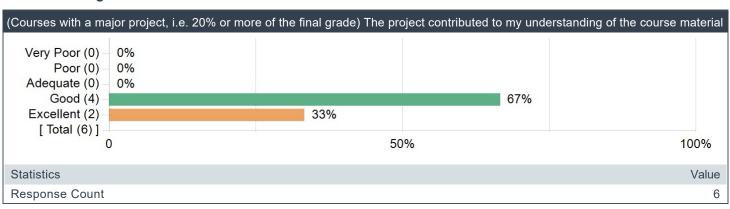
(Courses with labs) The laboratories contributed to my understanding of the course material



(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 explained all the concepts clearly

She helped us by letting us fill in the questions and think them through before she did so herself for the class to see

she was extremely encouraging and helpful during office hours

NIce and understanding.

Use of examples and practice questions on the board were helpful in understanding.

Speaks very clearly, loud voice, nice hand gestures, I like the presentation.

She kept the class engaged and displayed infectious enthusiasm.

Dr. Berg's preparation with pre–lecture content and options on PrarieLearn helped a lot to solidify my knowledge in the course. I really appreciate that some of the practice on PrarieLearn was optional, so I wouldn't do it if I already knew the unit content. When I didn't, the optional practice provided an opportunity to refresh my knowledge. Also, Dr Berg participates a lot in the forum part of BrightSpace, so if I ever had questions about course material, I could be certain that Dr Berg or a fellow student would help. Overall, Dr Berg has many systems on PrarieLearn and BrightSpace that provide flexibility to students to give them extra practice if they need it, or to provide valuable feedback and problem–solve on course forums.

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

| Comments |
|------------------------------|
| I could not think of any way |
| nothing:) |
| N/A |
| N/A |

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

Comments I have none i found with the time limit on the unit quizzes it put a lot more pressure on me and as a result i don't think i completed a lot of the quizzes to the best of my ability N/A N/A Give us more time to do the tests.