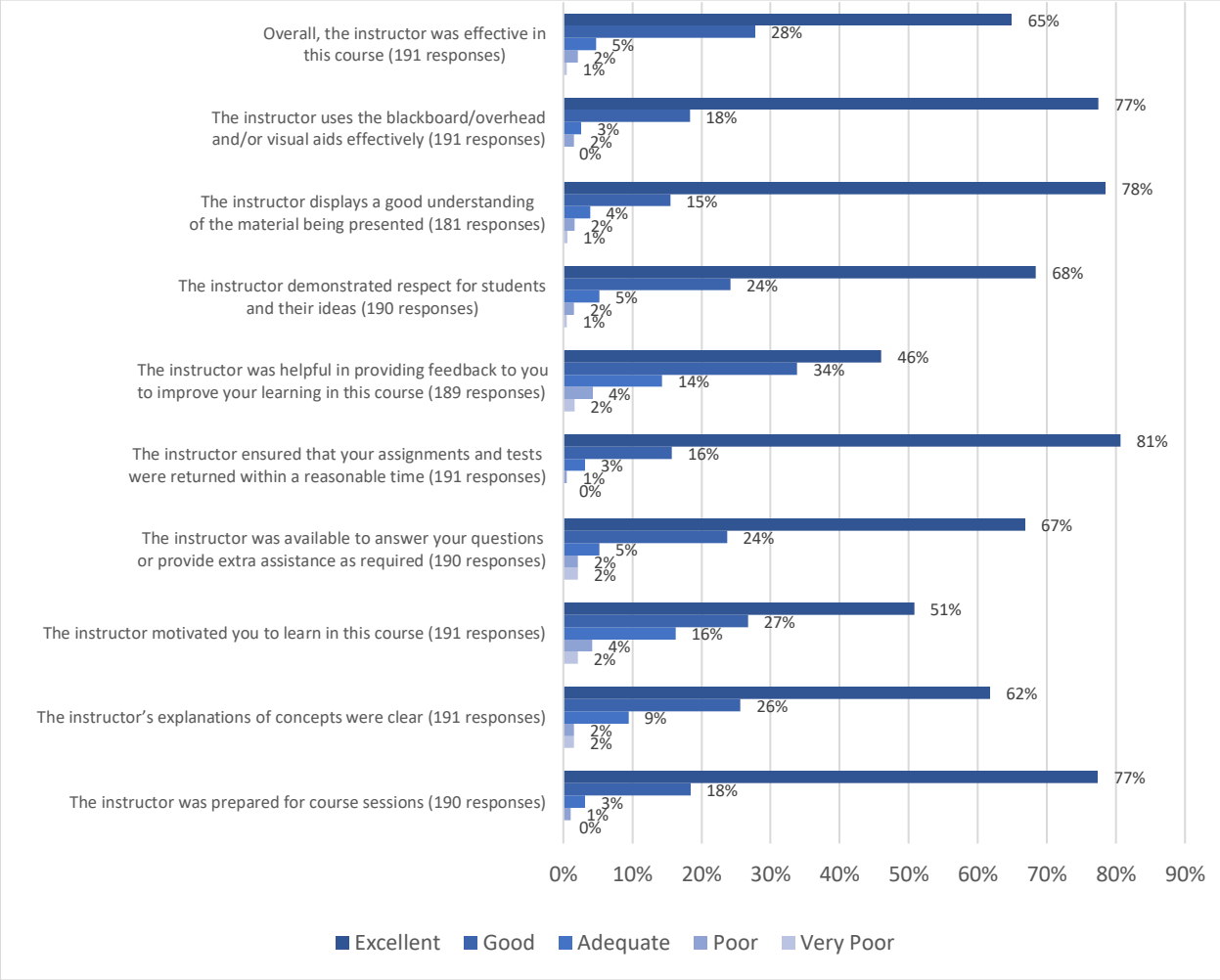
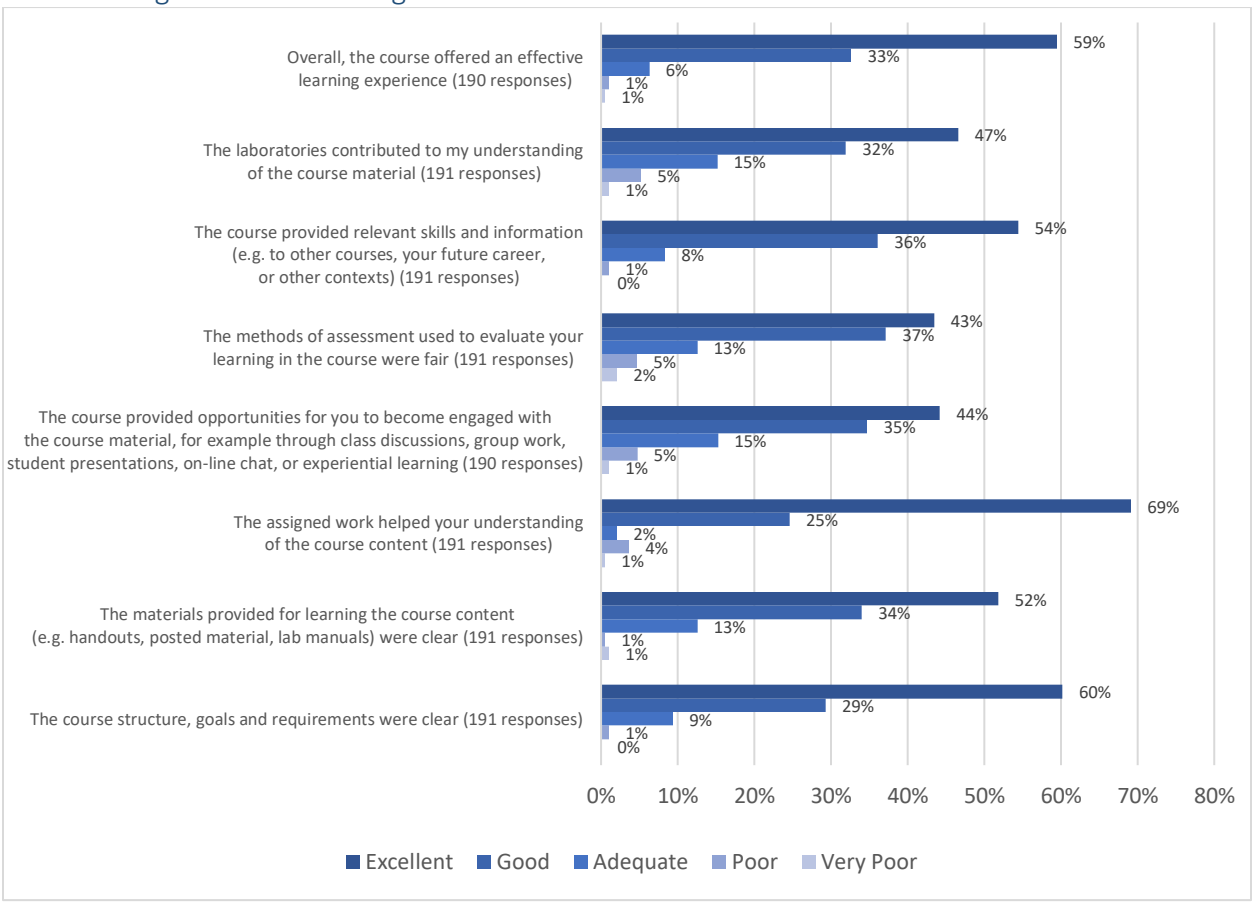
Course Experience Survey Results
CSC 110 – Fundamentals of Programming I
Term: September 2021

The following two graphs provided the consolidated quantitative survey results of this multi-section 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.

Instructor's Teaching – Student Ratings



Course Design – Student Ratings



UVic CES Instructor Report 202109 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A01 (CRN 10730)

Project Title: **UVic Course Experience Survey - Fall 2021**

Courses Audience: **77**
Responses Received: **44**
Response Ratio: **57%**

Subject Details	
CRN	10730
VNUMBER	V00129143

Creation Date: **Wednesday, January 12, 2022**

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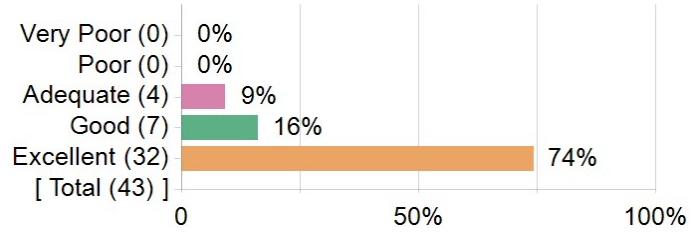
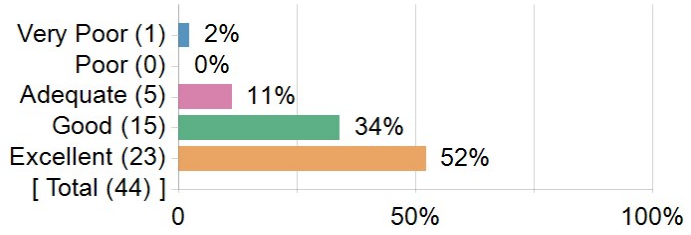
I Instructor's Teaching - Students' Ratings on the Following Statements:

1. The instructor was prepared for course sessions



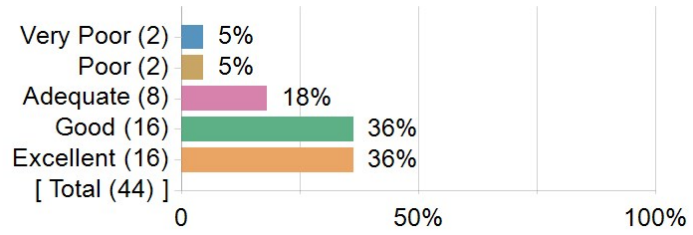
Statistics	Value
Response Count	43

2. The instructor's explanations of concepts were clear



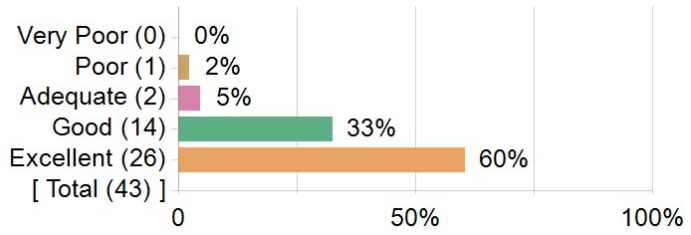
Statistics	Value
Response Count	44

3. The instructor motivated you to learn in this course



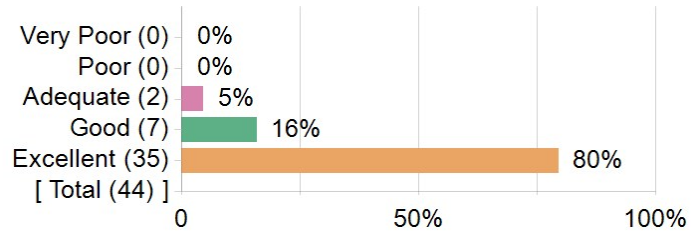
Statistics	Value
Response Count	44

4. The instructor was available to answer your questions or provide extra assistance as required



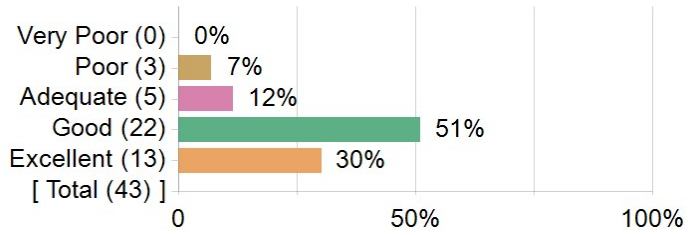
Statistics	Value
Response Count	43

5. The instructor ensured that your assignments and tests were returned within a reasonable time



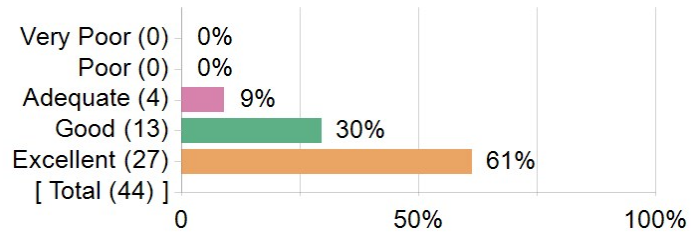
Statistics	Value
Response Count	44

6. The instructor was helpful in providing feedback to you to improve your learning in this course



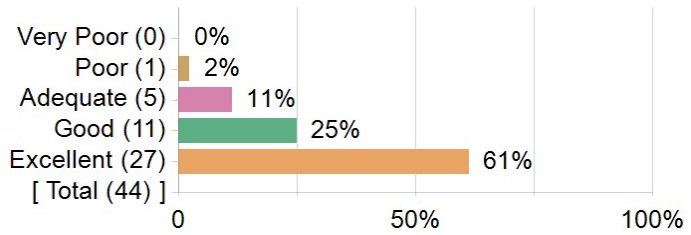
Statistics	Value
Response Count	43

7. The instructor demonstrated respect for students and their ideas



Statistics	Value
Response Count	44

8. Overall, the instructor was effective in this course



Statistics	Value
Response Count	44

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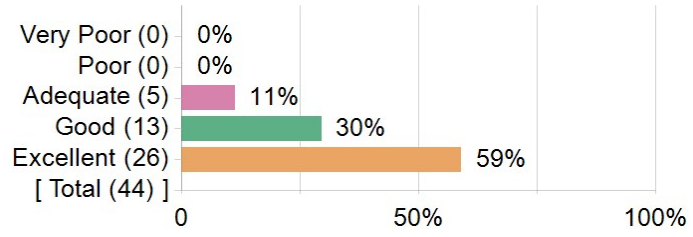
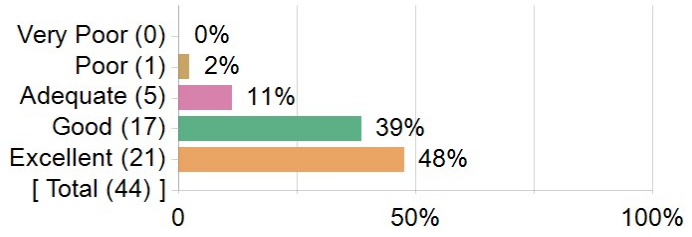
II Course Design - Students' Ratings on the Following Statements:

1. The course structure, goals and requirements were clear



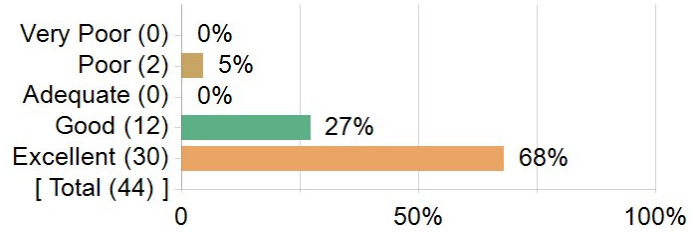
Statistics	Value
Response Count	44

2. The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear



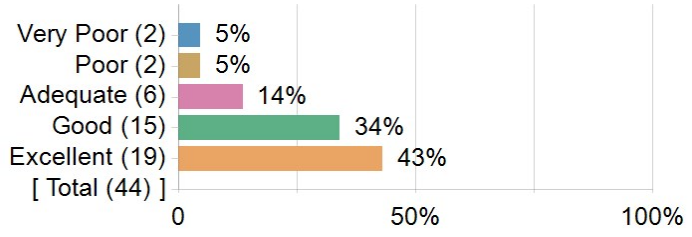
Statistics	Value
Response Count	44

3. The assigned work helped your understanding of the course content



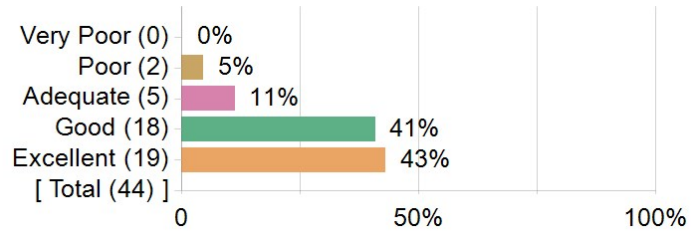
Statistics	Value
Response Count	44

4. The course provided opportunities for you to become engaged with the course material, for example through class discussions, group work, student presentations, on-line chat, or experiential learning



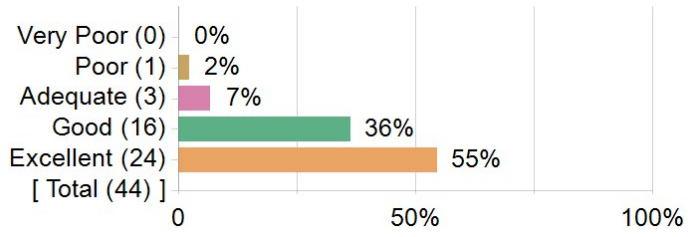
Statistics	Value
Response Count	44

5. The methods of assessment used to evaluate your learning in the course were fair



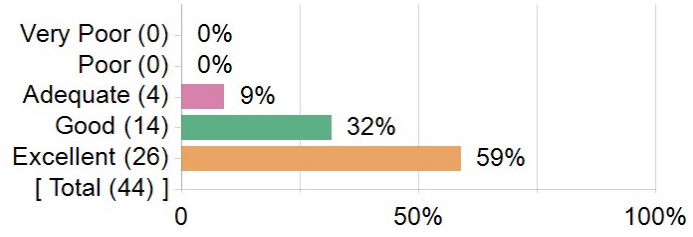
Statistics	Value
Response Count	44

6. The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts)



Statistics	Value
Response Count	44

7. Overall, the course offered an effective learning experience



Statistics	Value
Response Count	44

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III Statements About The Students:

My primary reason for taking the course.

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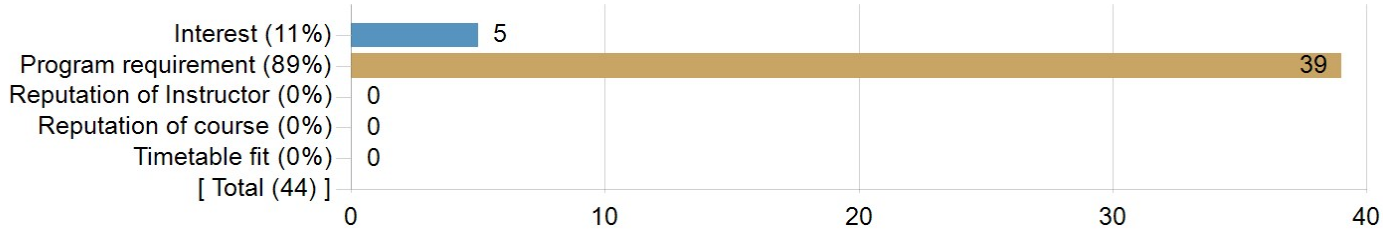
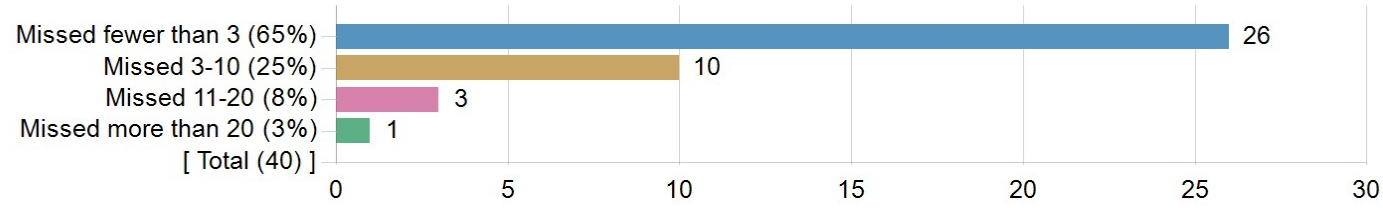


The approximate number of classes or labs that I did not attend

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

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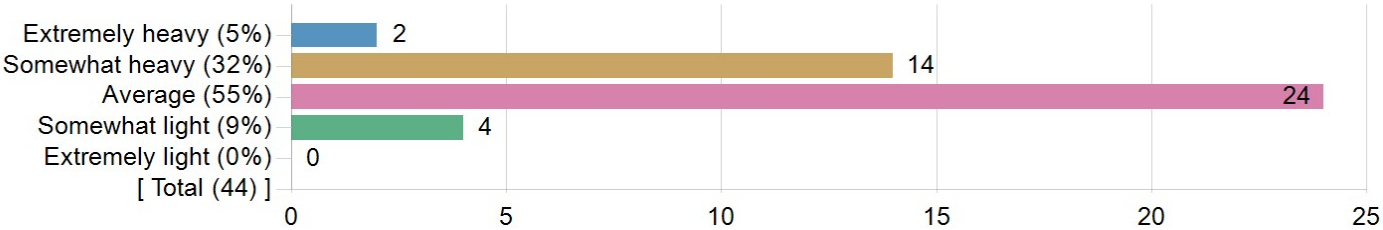

The approximate number of hours per week I spent studying for this course outside of class time:

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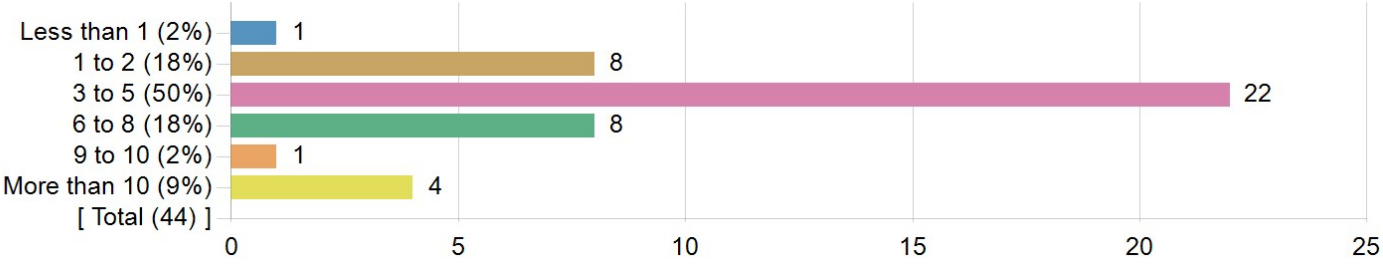

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As a result of my experience in this course, my interest in the material:

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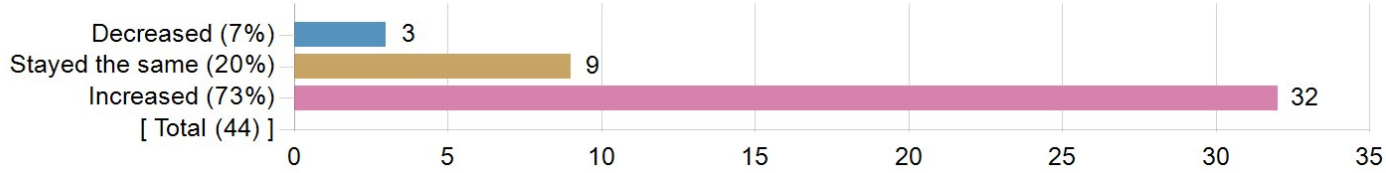
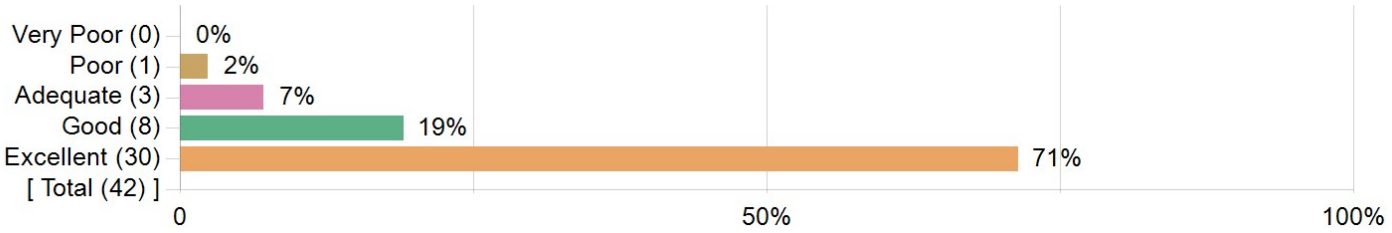


IV Additional Statments:

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

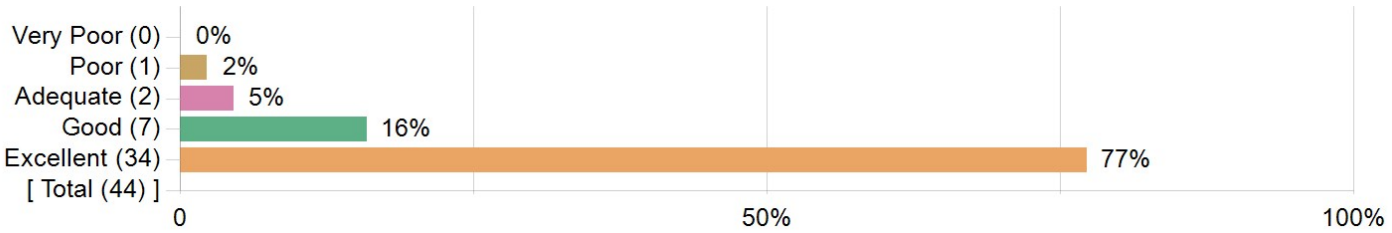
The instructor Celina Berg displays a good understanding of the material being presented



Statistics	Value
Response Count	42

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

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



Statistics	Value
Response Count	44

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

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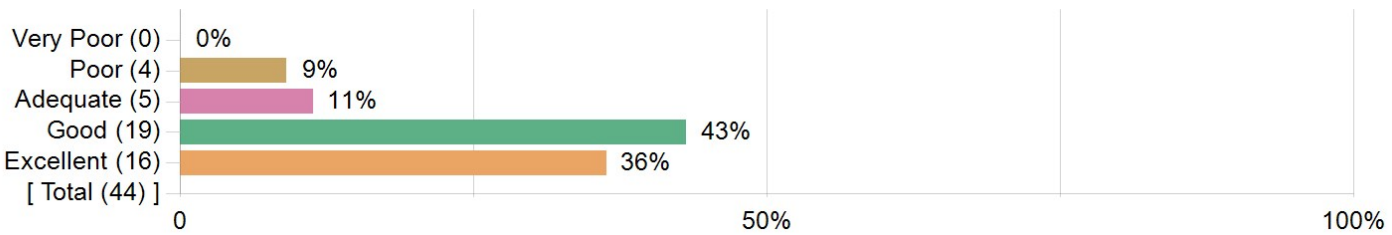

Statistics	Value
Response Count	44

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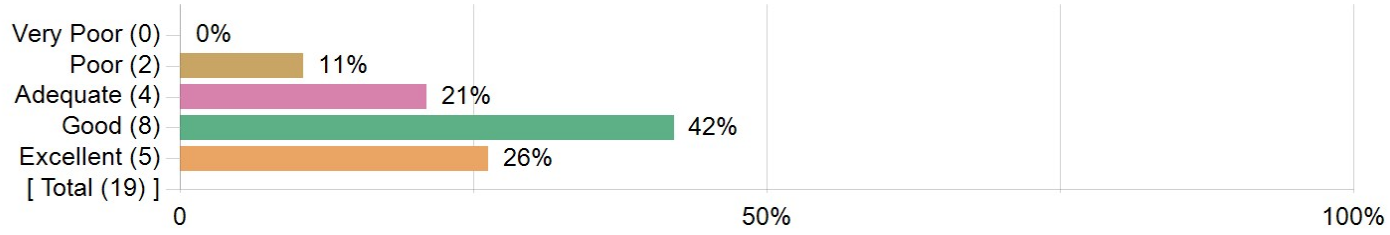
(Courses with tutorials) The tutorials contributed to my understanding of the course material

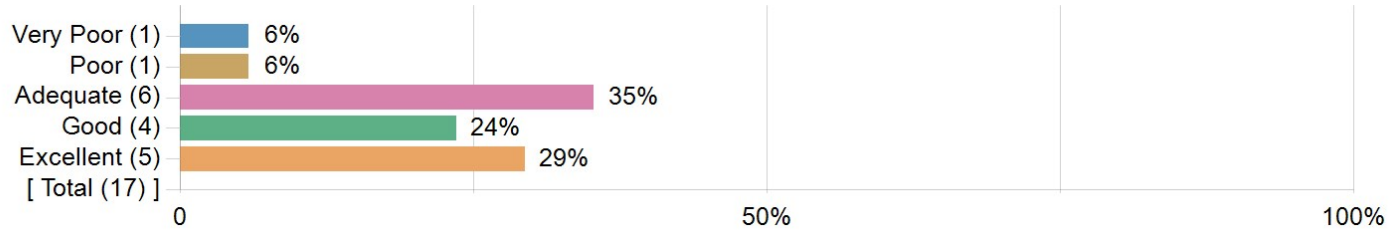
(Courses with tutorials) The tutorials contributed to my understanding of the course material



Statistics	Value
Response Count	19

(Courses with a major project, i.e. 20% or more of the final grade) The project 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



Statistics	Value
Response Count	17

IIV Student Comments:

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

Comments
Professor Berg demonstrated incredible comfortability with the concepts taught in this course and was very knowledgeable on python as a language, she also taught in a way that made most concepts clear.
She broke down large assignments in lectures really well so you wouldn't feel overwhelmed. What we covered in class also applied really well to our assignments and labs so it felt like I already knew how to do the assignment or lab.
Was good at using technology in the lecture
she seems like she really understands the material she is teaching and when presented with an unexpected question she was able to give a knowledgable response.
Examples were effective and having lecture starters to work along with was useful
I really enjoyed having an introduction to all new materials through the short online videos and slides that I could later reference while completing the labs and assignments, as well as studying for the midterms. I really enjoyed the format of the lectures, which were interactive but also a great in depth review of new and recent content. Everything was explained really clearly and there were several resources that I could use to review. Thanks for a great term!
She's very organized. It makes learning something easier to learn.
Walks through questions to help give understanding on how to go about answering the question.
The pre–lecture materials which were posted before most of the lectures were really easy to follow so it was always clear what we were supposed to follow.
very clear pre quiz videos
The experience based learning worked very well for me and was way better than just memorising things.
Explanations were given in a clear, concise way to strengthen my understanding of the material. There were plenty of opportunities to ask for help, and were always answered in a timely manner.
She used various methods of teaching. I found having pre–lecture videos very helpful because it made going into class and actually programming more effective.
She seemed very organized and taught the material in a very clear way.
Availability
Connecting with students to understand what they needed help understanding
by doing lectures online and working through problems in class
She's pretty good at explaining concepts enough until we get them and also good at teaching us the importance of concepts and when to use them.
Celina was extremely friendly and helpful. She demonstrated an understanding for material throughout the course as well as a passion for the content. She made the content interesting and provided help when needed.
Celine Berg did an amazing job of keeping the class engaging and interesting and truly showed she cared for her students and loved the material she was teaching. She had so many accessible office hours that were so welcoming. I really liked the setup of her class as well. by learning the material and having a quiz the night before and then applying our knowledge in class I felt I was able to learn the material without becoming overwhelmed.
I learned Python by myself during the summer, and have already covered most of the material. Despite this, it was great that Celina provided visualization on what is going on in the background.
She had a deep understanding of coding
Explained concepts in a way that was effective and easy to understand. Answered any questions.
The instructor was effective at teaching course materials, and would give reasonable amounts of in class help with code. She was nice.
I'm not really sure, to be honest! She did a wonderful job, though, sorry I can't really think of anything specific.
She was very good at explaining why things worked and how they were working to help you better understand programming
She was very understanding and patient when helping me with the questions I had which made me feel comfortable going to her for help, which greatly improved my understanding of the material.
lots of examples in different kind to show possibility's
I liked the pre lecture work and quiz so we could do the interactive learning in class, she had many office hours, returned grades back very quick, always around to answer questions and she was so nice. It was my first ever coding class and now it is my favourite class

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Comments
She explains things very well and is always willing to help students so that nobody falls hehind
A good understanding of the fundemental basics of programming
A strong teaching style and effectively distributed course material.
Well organized, good at explaining concepts

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

Comments
I felt struggled to motivate myself to go to class, I did not own a laptop or anyway to program in class which was a majority of what classes were (and should be) but even with those I did not feel encouraged or motivated to show up to classes
Please stop starting the class oddly early, I walked in at 9:20—aka when the class starts, at 9:20—and she would already be teaching. Love you ma'am but I do have other classes and I am not the flash.
At time the lectures felt very disorganized
Go more in depth in the structure of code during class
I don't think there was anything that was lacking in the course for me with teaching or assignments. Even if there were problems in the labs or assignments that I was having trouble with, there were always resources for me to consult in order to review and understand the material better and ultimately write my code. The only thing that I noticed was that I was always quite rushed on midterms. That may have been from me overthinking problems, but I think it would maybe ease some nerves for many students to have a full hour of time instead of 50 mins.
If she could go over hard questions on assignments after their due date?
I think she did her best and I'm not sure how she could do it better
automatically set the video speed to 1.25 since they were rather slow
N/A
Incorporating the lab problems into the lectures (ie using similar questions as lecture questions)
I am not sure
Sometimes she moved too fast in lectures
I was content with the course as is.
this course was wonderful so it is difficult to find any improvement. if I were to suggest anything it would be maybe having a bit more practice with writing code on paper before the midterms/exams
I don't have many suggestions because I have already covered the material offered in the course, but I would prefer that Celina explains concepts in class instead of videos while switching the exercises from the lectures to videos.
Tried teaching subjects in different ways
I don't have any suggestions. Her teaching style is very good.
I think she did quite well.
No suggestions, she did a pretty great job!
I have no suggestions.
the over head can some times be hard to see from the back
Be less scary
More examples
Nothing

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

Comments
Some of the questions for assignments were not worded as wonderfully as I would like and were missing key examples to help guide a students programming (I.e. in one assignment we have to design a dice game, and in the example outputs no 2 dice ever rolled the same value so I took that to mean if 2 dice did roll the same value one die was re–rolled, this caused me to lose marks, despite making a fairer game)
I genuinely don't know, being a person who has had some previous coding experience but not in the way this course was set up I think considering its an introduction to python it was great. I can't think of anything I would change.
Make assignment worth more and assign them less
Provide more resources for gaining a deeper understanding of course content
There wasn't anything in the course that I felt really needed improving. The only suggestion I have would be to extend the midterms from 50 mins to one full hour as 10 mins isn't a lot of time but I think it may lessen some stress and nerves. I thought the course was really well structured and organized!
Perhaps labs and assignments could have less functions to design. I find it takes a very long time when there is over 5.
Better explanation on what each question is asking on assignments and labs (less ambiguous).
The only thing that I find annoying about this course is the final which is worth 30% of the whole course which I believe is too much; other things were all perfect
allowing more collaboration between students
Rethink paper–written examinations.
More optional extra work would be nice and the opportunity to learn more about the language outside of class.
Looking at errors and how they can be changed. Deciphering other people's code and what their intentions are. Looking at some more built–in functions later on in the course.
Some cumulative project of code for the end of the year worth a large portion of the course mark
Midterms and the final being written not on paper makes more sense to me as we learn to program by computer and use problem solving skills that are different to those that we use when writing on paper. In the real world Im not going to be doing any kind of programming written by hand and I therefore don't see why this is effective. We should be assessed on the skills we learn, not have to learn new strategies to use solely for the tests as that doesn't encourage the same problem solving skills.
I am not sure
Sometimes on the assignments the instructions were a bit unclear. Same with one of the questions on the first midterm
the only thing i could think of would be some sort of written exam prep to get used to the format.
I don't have any suggestions on that part because I already have a coding background, so I don't think anything that I would say would be fair
Make some of the labs easier
Some exam questions were poorly worded and it was difficult to comprehend the question and understand what I was supposed to do for them.
All of my problems from the course originated with me. The course was largely unproblematic.
Again, don't really have any suggestions. Maybe learning another language? But that would be a waste I think, since the course isn't so much about python as it is about like, the basics of programming, and python is just the language we happened to learn.
I have no suggestions.
I think the course is fine as is – I would just make some questions on labs a bit more easy to understand with the wordinf
More mid term review questions will help future students in this course
It's a little too easy.
more freedom regarding assignments

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UVic CES Instructor Report 202109 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A02 (CRN 10731)

Project Title: **UVic Course Experience Survey - Fall 2021**

Courses Audience: **59**
Responses Received: **49**
Response Ratio: **83%**

Subject Details	
CRN	10731
VNUMBER	V00129143

Creation Date: **Wednesday, January 12, 2022**

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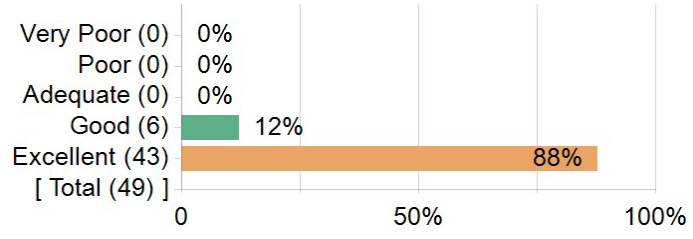
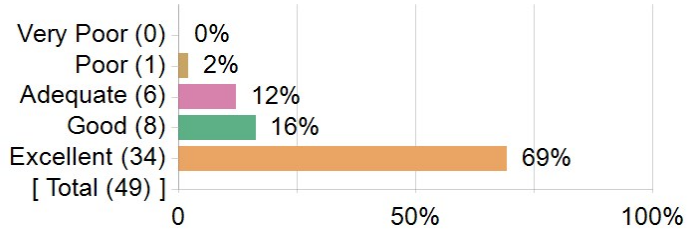
I Instructor's Teaching - Students' Ratings on the Following Statements:

1. The instructor was prepared for course sessions



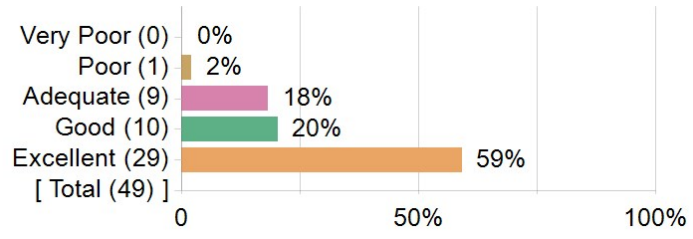
Statistics	Value
Response Count	49

2. The instructor's explanations of concepts were clear



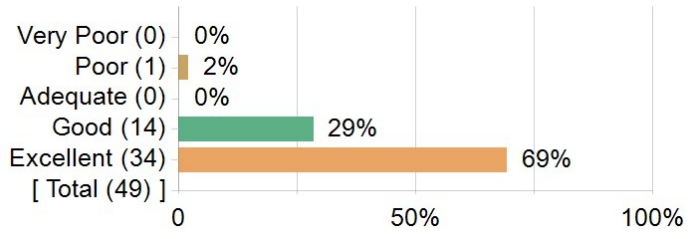
Statistics	Value
Response Count	49

3. The instructor motivated you to learn in this course



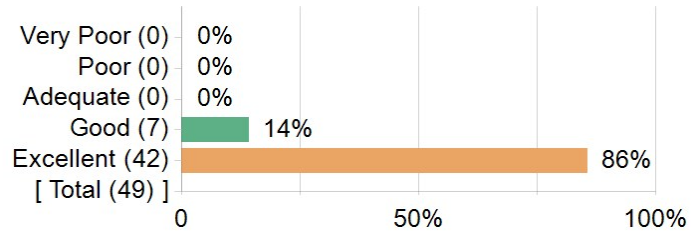
Statistics	Value
Response Count	49

4. The instructor was available to answer your questions or provide extra assistance as required



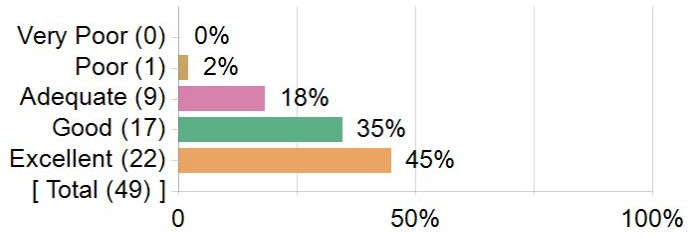
Statistics	Value
Response Count	49

5. The instructor ensured that your assignments and tests were returned within a reasonable time



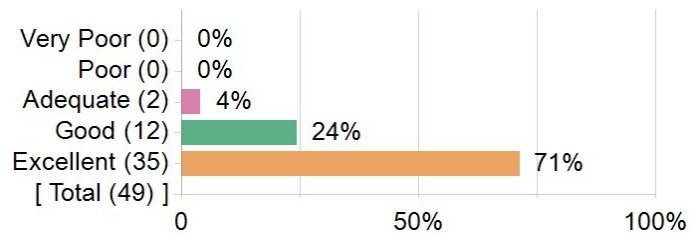
Statistics	Value
Response Count	49

6. The instructor was helpful in providing feedback to you to improve your learning in this course



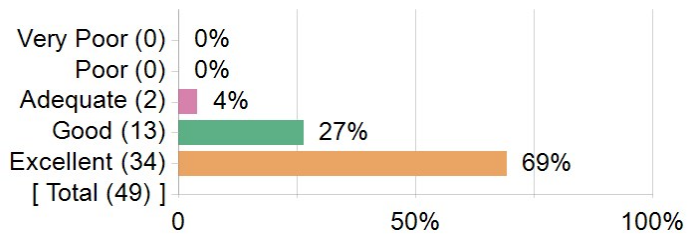
Statistics	Value
Response Count	49

7. The instructor demonstrated respect for students and their ideas



Statistics	Value
Response Count	49

8. Overall, the instructor was effective in this course



Statistics	Value
Response Count	49

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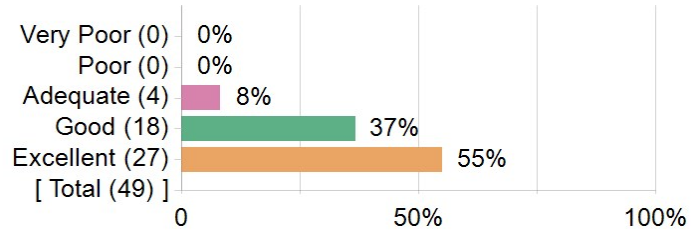
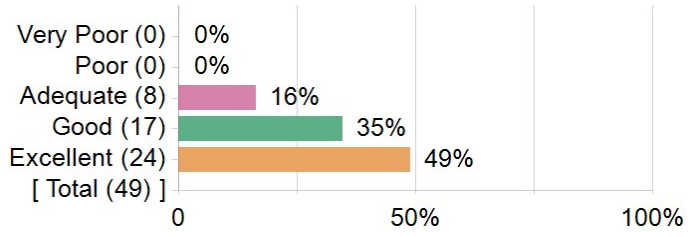
II Course Design - Students' Ratings on the Following Statements:

1. The course structure, goals and requirements were clear



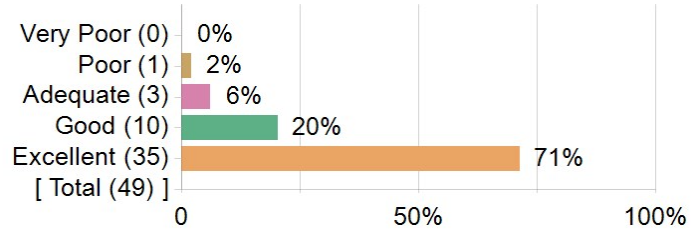
Statistics	Value
Response Count	49

2. The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear



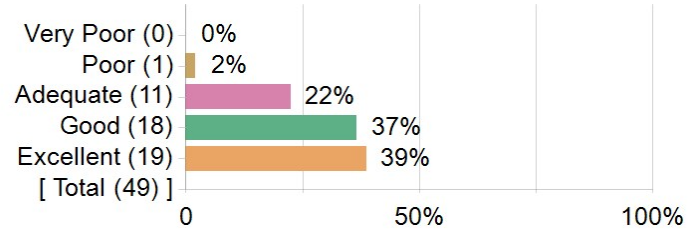
Statistics	Value
Response Count	49

3. The assigned work helped your understanding of the course content



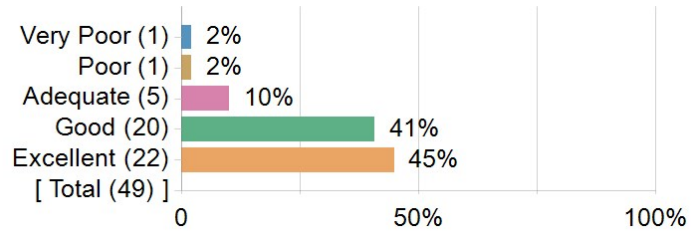
Statistics	Value
Response Count	49

4. The course provided opportunities for you to become engaged with the course material, for example through class discussions, group work, student presentations, on-line chat, or experiential learning



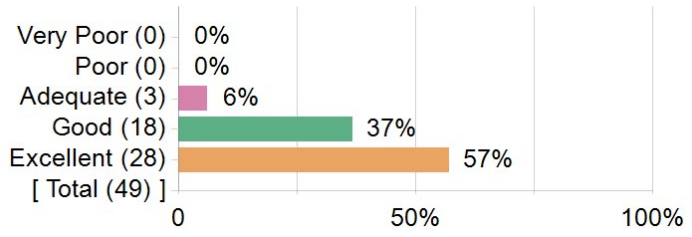
Statistics	Value
Response Count	49

5. The methods of assessment used to evaluate your learning in the course were fair



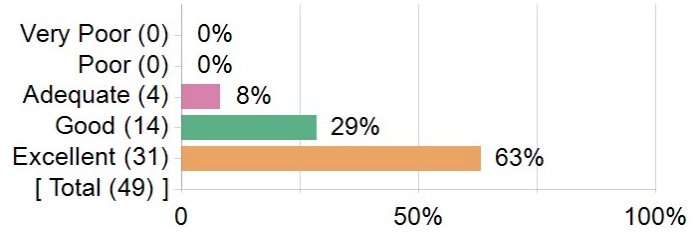
Statistics	Value
Response Count	49

6. The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts)



Statistics	Value
Response Count	49

7. Overall, the course offered an effective learning experience



Statistics	Value
Response Count	49

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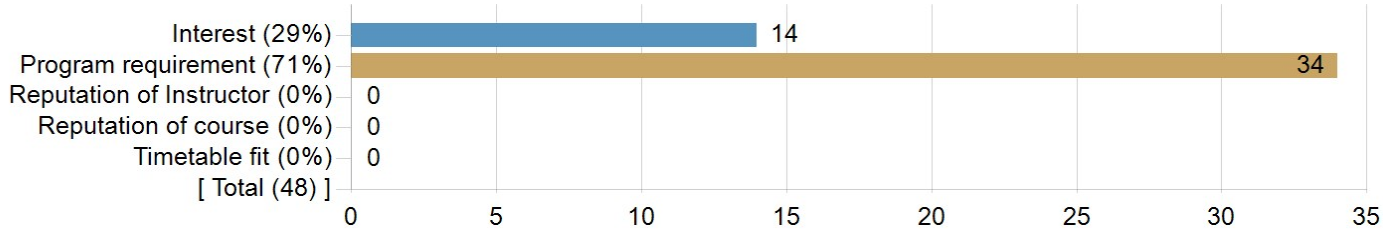
III Statements About The Students:

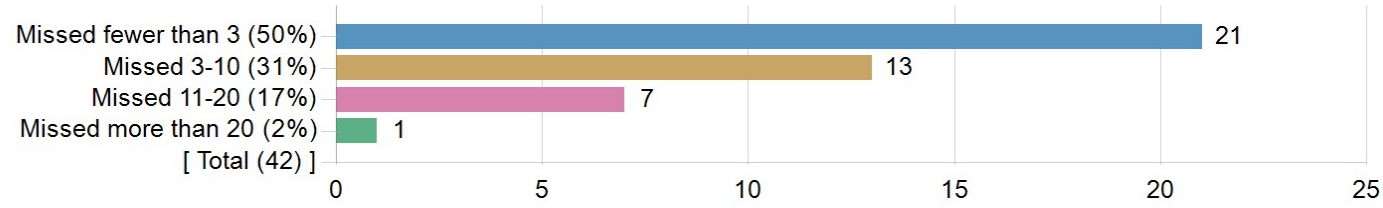
My primary reason for taking the course.

My primary reason for taking the course.



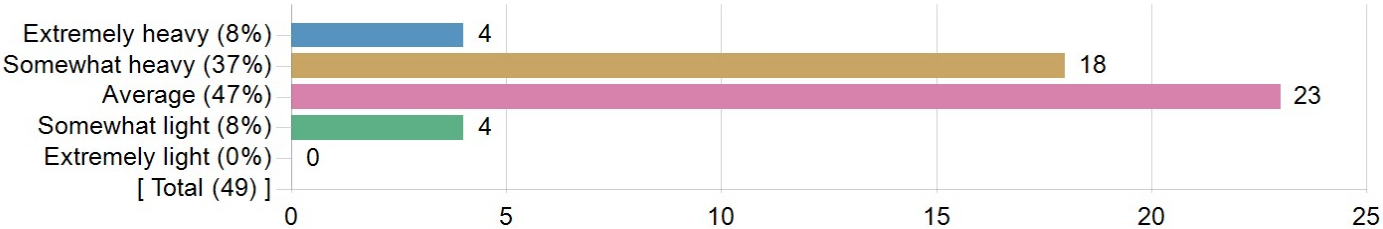
The approximate number of classes or labs that I did not attend

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



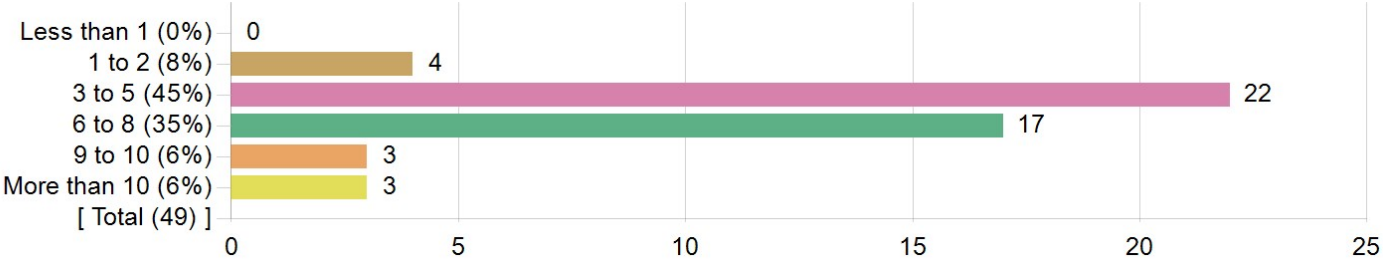
Relative to other courses I have taken at UVic, the workload in this course was

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:

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



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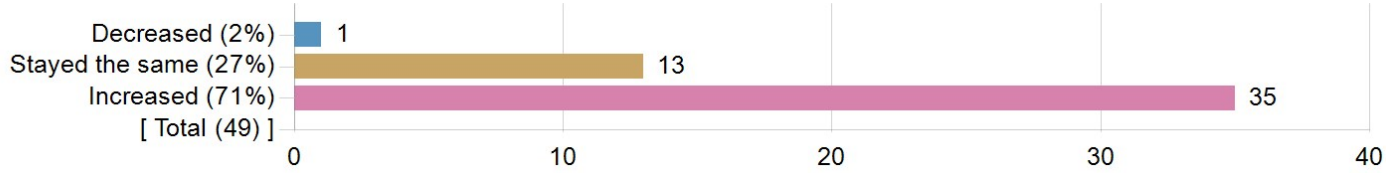
As a result of my experience in this course, my interest in the material:

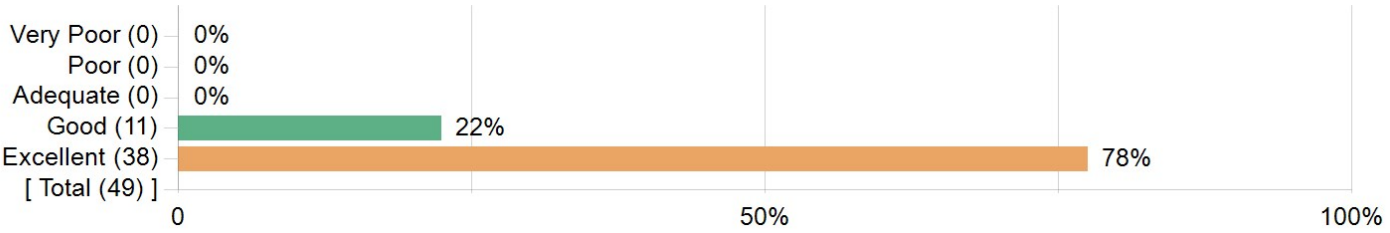
As a result of my experience in this course, my interest in the material:



IV Additional Statments:

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

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



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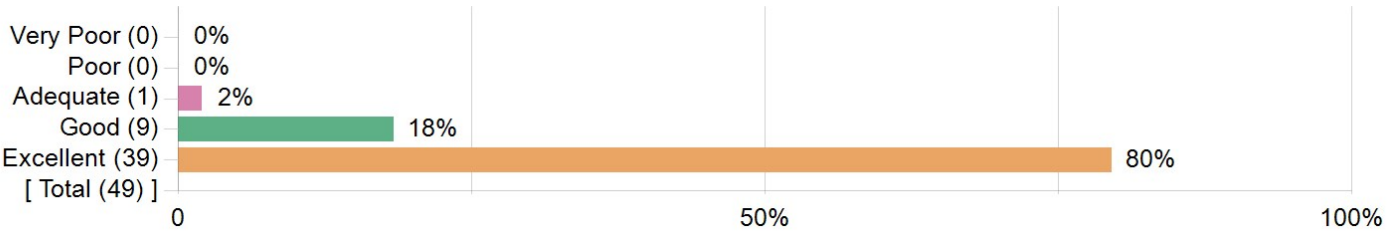
Response Count	49

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

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



Statistics	Value
Response Count	49

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

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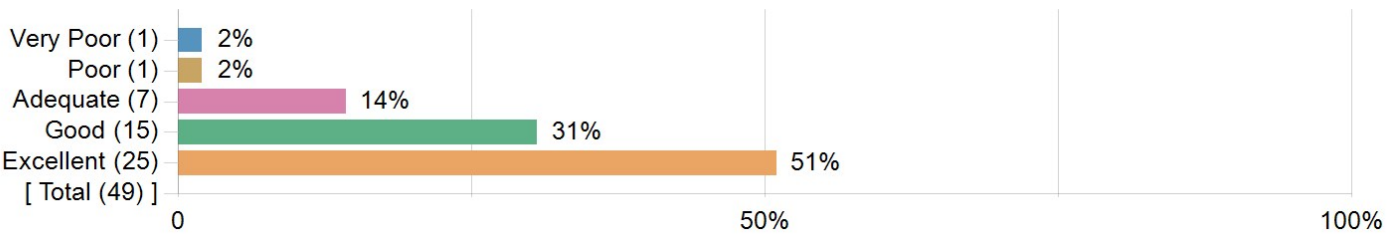

Statistics	Value
Response Count	49

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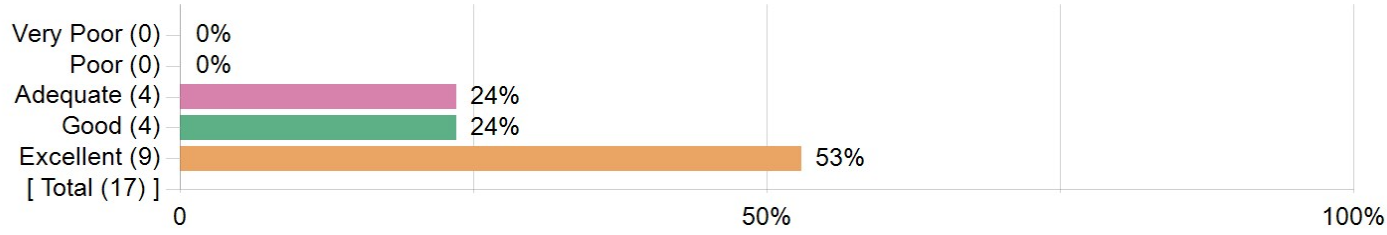
(Courses with tutorials) The tutorials contributed to my understanding of the course material

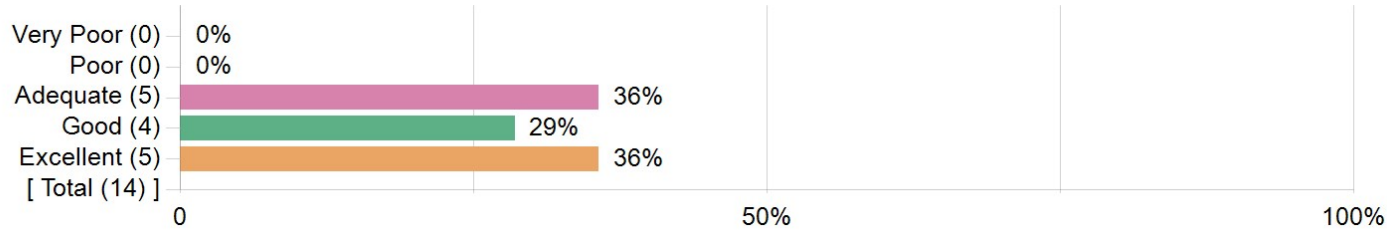
(Courses with tutorials) The tutorials contributed to my understanding of the course material



Statistics	Value
Response Count	17

(Courses with a major project, i.e. 20% or more of the final grade) The project 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



Statistics	Value
Response Count	14

IIV Student Comments:

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

Comments
Enthusiasm, ability to answer questions effectively and confidently, time management (classes never seemed rushed), in–class problem solving, help with students problems
Very good prof, super clear and prepared. Fair with grading and always good at providing me with extra support during office hours
Passionate about the subject and clearly and slowly working through solutions
Recorded lectures, friendly, smart
Dr. Berg is extremely well–versed in coding and can spot mistakes instantly. Whenever I didn't know why my code didn't work, without fail she was able to help me. Dr. Berg is also excellent at explaining new concepts.
Very understanding and clear at explaining the material
She let us do a lot of our own problem solving before showing us the solution so we had to really think through what our program was doing instead of just know the code that makes that specific program work
The material on brightspace was so easy to find and way easier to keep track of then any other course!
Her understanding of the material, approachability, and clear enjoyment of the subject was wonderful to see, and made it so much better to learn.
She would come around the lecture hall and help people individually
Very encouraging, organized and clear, and explained concepts very well!
A good understanding of concept and useful explanations
N/A
like her understanding seems lik eshes done it alot and if you can handle all the extra work and you do all the labs and quizes and assignments its very chill
She was always very clear with her explanations and always made herself available if we needed help with understanding a concept. I also appreciated how the majority of learning was done before so there was lots of room for practice during lectures.
Excellent structure to her class and very good class recordings
Dr. Berg was extremely helpful inside and outside of the classroom. She was very easy to reach whether via email, in her online and offline office hours, or in the course discussion forums. Her presence was very encouraging, and I felt very comfortable asking for help. Additionally, Dr. Berg carried an enthusiasm throughout the course that I felt was contagious and made me get a little more into the content. She used visual aids effectively, and did not only rely on the actual practice of coding, but she also used clear examples and analogies to explain concepts.
She is very good at explaining concepts that might seem abstract in the beginning. I also really like the way she organizes the lectures and how the class flows overall.
She was good at clearly explaining what she was doing and why she was doing it. She also was very good in explaining how to solve specifically hard problems
Professor Berg was an excellent teacher and was very kind and understanding to anyone who was having trouble. She was interested in the material and was really good at it, which helped me, who didn't come into this course with high hopes, to really feel like I could do well and understand the material being presented.
As someone who had no prior experience with codings, I found that her explanations were very approachable and made learning the material really easy. Also, I found that coming to her lectures and listening to her walk through coding problems really helpful.
Understanding, composed, approachable
she was very helpful and knowledgeable. I was a big fan of the course structure, with the leassons being watched before the classes and using the time to actually experiment with the material. There were lots of office hours, practice sessions and professor Berg was always around after to ask questions and help me out. Over all I was a huge fan of this course and it was the favourite one I took. I also believe that being strict at the time with labs and assignments and then dropping the worst one is a very helpful and fair thing to do, as it really forces you to learn from you mistakes but then in the end you don't get punished to harshly for one typo or misnamed file.
Provided many opportunities to actually learn the material and practice. Without all the practice problems provided, I don't think I would have done as well in the course as I did.
Dr. Berg was one of the best profs I have had so far in my university experience. She breaks the content down into very manageable pieces and it builds on top of each other really well so I always felt like I knew what was going on. She was extremely active on the discussions forum on bright space which meant if you ever had a question, she would always answer it.
not giving up on students, and taking the time to personally help with questions.

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Comments
very good at explaining things and went at a nice pace during examples
Have a very got understanding on all the material, knew how to solve any issues we were facing with the material or with our computers and the program.
–She is always willing to answer questions, and answers question quickly on online forums –She is very effective at simplifying complicated concepts –She structured the course well. Working through exercises in class and actually learning the material outside of class was a more effective way to learn, in my opinion.
Dr. Celina Berg created a positive, and encouraging environment in every class. She was very active on the forums and with responding to emails, which helped ensure that there was always support if needed.
The depth of the explanations about a new topic and the way it was introduced made it easy to comprehend and understand.
I really liked how the lecture times were used to actively code, I think that helped me greatly. The pre–lecture videos, and having a deadline for the pre–lecture quizzes motivated me to learn the material beforehand, which allowed me to absorb more of the material, more efficiently. Dr. Berg has been very helpful during office hours as well. I have come to her over worries about my first midterm, and a grade on an assignment, and she has given tips that have actually helped me a lot during the course, as well as calming my anxieties about the course. During lecture she's always respectful to students' ideas as well, and that makes for a comfortable learning environment.
I thought that the use of extra material (short videos before class) was great, the explanations in those videos were concise and clear. Also, she was always available to answer my questions about the assignments or labs when I did not entirely understand the instructions.
It made me feel really secure and genuinely passionate to learn about computer science in general. As a woman myself, I never tried coding before as I was afraid it would be too hard. Also, I didn't feel like I had someone to look up to. Having Celina as an instructor makes you know that independently of your gender, you will succeed in programming if you are willing to put in the effort. I am very glad I took this course. I really enjoyed it and I had a very good experience taking this class.
Patience during office hours when helping the students
The videos and quizzes on Brightspace were very effective.
She has an exceptional understanding of the content and regularly communicates with the class
She did very well in explaining concepts in class.
Brightspace page and class was very organized (always knew what to expect in class and for labs/assignments), clear explanations of concepts during lecture, able to assess students' level of comprehension and teach appropriately to that level, class was engaging, labs and assignments were adequately challenging and were good assessors of comprehension.
Very clear
understanding the material
I really liked how Dr Berg would use student suggestions during classes even when she knew they wouldn't work so that she could thoroughly explain why they wouldn't work and let us see what would actually happen if we were to use the incorrect method.

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

Comments
Not much! She did a great job.
Very helpful in office hours, labs and assignments were really good for learning the material
Na
The lectures are often quite fast–paced, and I sometimes get lost in the middle of them.
Would take mistakes in lectures and work through them and how they'd affect the program
N/A
N/A
uhhhhh i mean the only thing would be if we had enough time to do the quizs in class like we got 20 mins at the start of class to do em but that would mean longer classes which i would personally be fine wit i dunno why we are limited to 50 mins.
She was great at teaching us effectively
The recordings should include the notepad where she draws informative diagrams
I think she did an amazing job honestly.
Celina Berg did a very good job at providing help when needed both in class and outside of class. I can't think of anything she could improve on in terms of helping students learn
I can't think of anything....
I really like how the course is structured the way it is.
I don't know. She was already very effective
Provide more background information on why and how specific functions work. At the classes and instances section, I found it very interesting how the type methods were made, and how they connected to types we had been using (str, int, float)
making sure we work through all the example problems in class time
Make the assignments the same difficulty to what we learn in class.
N/A, best professor I have had this term.
I felt that Dr. Celina Berg did an excellent job of helping me learn, and hence have no suggestions.
There were times when I was going to a lab on Monday when the material, that had to be understood was from farther along in the course. Do to the early timing, some of the stuff was not covered yet and that allowed me to come to my own mostly slightly false understanding as I wrote the code and then I was difficult to grasp the difference as to my in the special cases the code I wrote was breaking and the explanation code was not as I had a already faulty preconceived notion as to how the concept worked.
Everything I can think of an issue to me more–or–less falls under the headings of "this is a huge class with a full variety of students, no getting around this", and "sadly, classes before 10 AM are a fact of life"
Perhaps at a slower pace with more easier to understand terms, I am not a CSC student major with no background in the content so following most of the time was challenging
Type better lol.
Respond to forum posts more right before deadlines

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

Comments
Make the tests more forgiving. Writing code on paper is extremely challenging compared to everything we have practiced in class. It's totally different, and I do not think it is a very fair way of testing what we know, since what we know is how to write code on a computer while testing it. I understand the challenges of doing a fair test on a computer, but I don't think it's impossible. Test students in lab rooms and don't give them internet access, problem solved. If this is not possible for some reason I'm not aware of, then at least make the written problems on the assignment more forgiving. Thank you
The labs and assignments were too long to complete in 2–3 hours and work load was overwhelming when paired with other high level classes.
Better practice midterms
Often the assignments have rules that restrict the use of certain python functions to demonstrate our use of the concept we are learning. As someone without any experience coding, writing efficient code that made use of pythons built–in functions was very satisfying.

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Comments
Prelecture quizzes are really awkward and haven't really improved my understanding.
The grading was extremely all–or nothing, as is the nature of algorithm–graded work. The exams focused on recall of minor details that in practice are irrelevant to programming, ie knowing how an output is formatted. These are irrelevant memorization that have no impact on us, as anyone in a practical setting with a python shell can check these things. It's analogous to memorizing pi for a math exam.
I think Professor Berg did a wonderful job and I saw no issues with the course as a whole
Not having a midterm right before the final because we aren't even learning anything between that and the final
N/A
uhhh just more ta's in the room
I really enjoyed this course
More interesting applications
For labs and assignments, I would find it helpful if there were more clear examples of perfect code that could be looked at when seeing where we lost marks in assignments. Also, I think more practice with code reading in class would be helpful especially when preparing for the midterms.
I think writing the midterms by hand is not practical and does not simulate a real programing environment.
This was the very first time I have ever taken a programming course and so I was completely new to this whole concept of coding. Though it was fun and interesting to be able to create programs, there were times that I felt the course material was a little too much for a course that was meant to be an introductory course. The material got difficult very fast and it felt at times as if this wasn't an introductory course, but more so a course for people who already had programming experience. This course, in my opinion, was a little much for an introductory course, as the problems got way too hard very quickly after learning the material. Also, the assignments could be extremely long and I found myself spending hours on them, though they were good practice.
Perhaps some more assignments that showed what our programing could be used for outside of class, but that is just a minor thing really.
I don't really have any suggestions. This course is really great the way it is.
Perhaps on the first day of class there could have been slightly more of a general introduction as it was a lot of peoples first time to programming. I felt like quite quickly we went into material and perhaps could have benefited from a brief but very general overview of different programming languages, how computers work, how coding is used, etc. Overall this course was excellent though.
More practice problems available, also it was a bit annoying how we rarely finished all the exercises and then how sometimes we were expected to complete them outside of class while other times we finished them at the next class.
N/A
Provide specific feedback when grading labs. Often, I lose marks for arbitrary reasons like "code quality," but I have no idea what specific aspect of my code caused me to lose marks.
I personally found the midterms too short to demonstrate a proper understanding of the material. I feel like a longer midterm (80 min and more questions) would have allowed students to better demonstrate their programming ability.
I would have a call for just going over all of the possible errors part of teh way through the course, so as to help the students in a general manner. This would allow the students to find the cause of the error, and help them read the fine details of teh error message better.
I think more problem bank questions should be added. I found, especially for studying for midterm 1, that there could have been more problem bank questions. Specifically: longer function design questions that give you practice on reading long problems with real–life applications and designing functions – like the long–answer functions that count for a large amount of the marks during midterms.
having in–person office hours in the latter half of the week
I have nothing implementable (for instance, it'd be really nice if class could be half an hour later...but there's a reason why I registered anyways, the practicalities of timetables)
Perhaps revising how the midterms were written, as I had great difficulty writing paper exams while my marks for the rest of the course reflected otherwise
give better descriptions on assignment and lab instructions.
The lectures didn't add very much if you did the pre–lecture the day before so I found myself not paying attention in class as much as other classes
this course was good, I don't think much needs to change
maybe make the lab and assignment easier its kind of complicated

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UVic CES Instructor Report 202109 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A03 (CRN 10732)

Project Title: **UVic Course Experience Survey - Fall 2021**

Courses Audience: **89**
Responses Received: **44**
Response Ratio: **49%**

Subject Details	
CRN	10732
VNUMBER	V00129143

Creation Date: **Wednesday, January 12, 2022**

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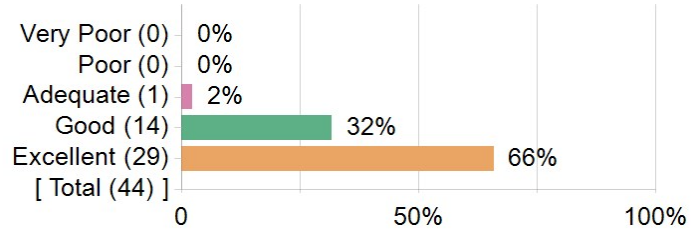
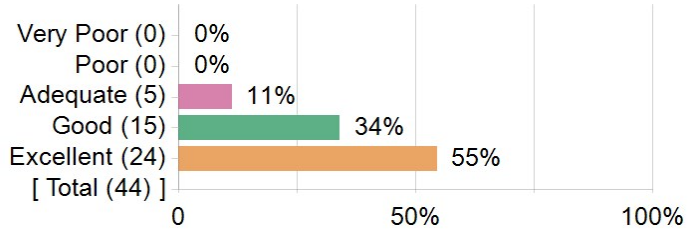
I Instructor's Teaching - Students' Ratings on the Following Statements:

1. The instructor was prepared for course sessions



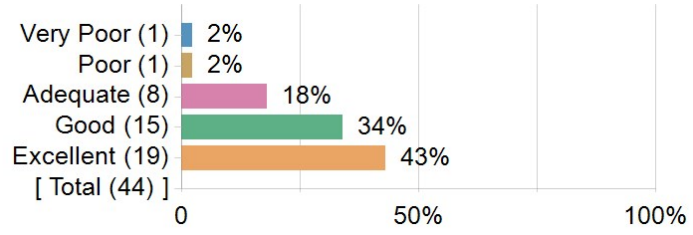
Statistics	Value
Response Count	44

2. The instructor's explanations of concepts were clear



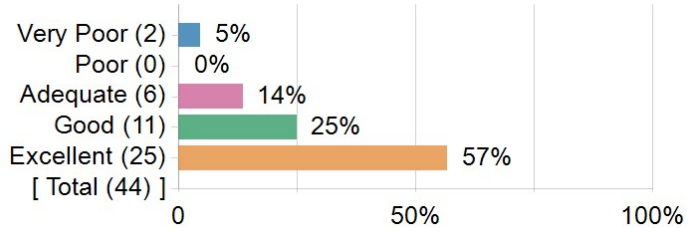
Statistics	Value
Response Count	44

3. The instructor motivated you to learn in this course



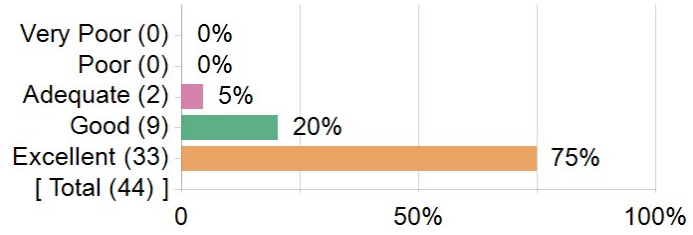
Statistics	Value
Response Count	44

4. The instructor was available to answer your questions or provide extra assistance as required



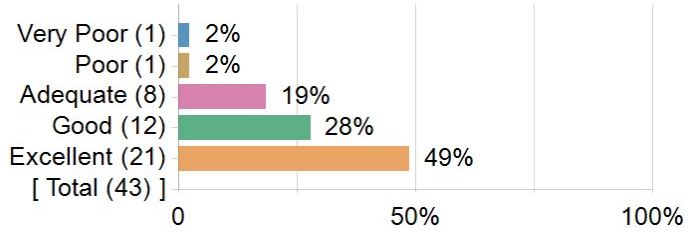
Statistics	Value
Response Count	44

5. The instructor ensured that your assignments and tests were returned within a reasonable time



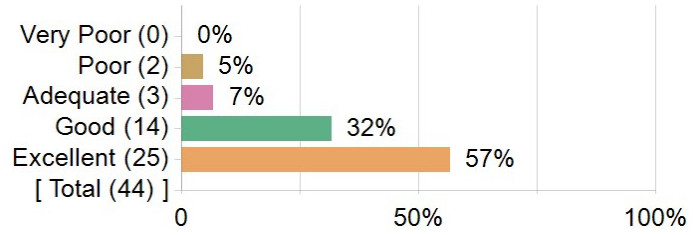
Statistics	Value
Response Count	44

6. The instructor was helpful in providing feedback to you to improve your learning in this course



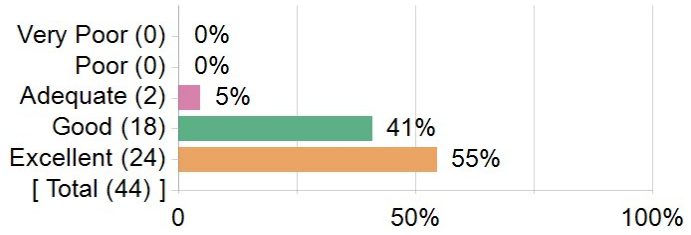
Statistics	Value
Response Count	43

7. The instructor demonstrated respect for students and their ideas



Statistics	Value
Response Count	44

8. Overall, the instructor was effective in this course



Statistics	Value
Response Count	44

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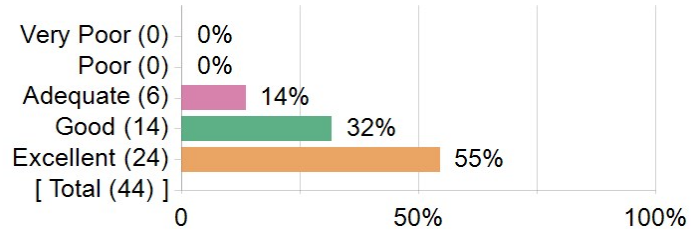
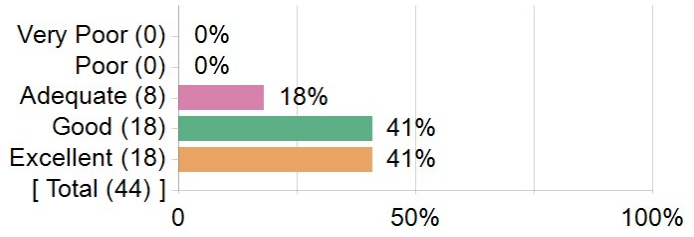
II Course Design - Students' Ratings on the Following Statements:

1. The course structure, goals and requirements were clear



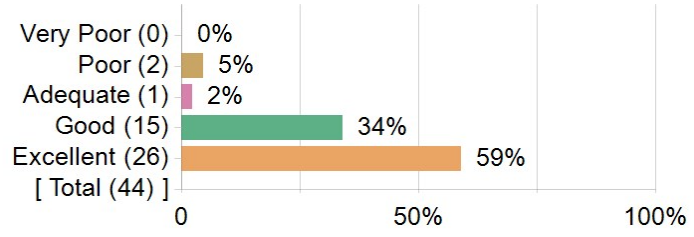
Statistics	Value
Response Count	44

2. The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear



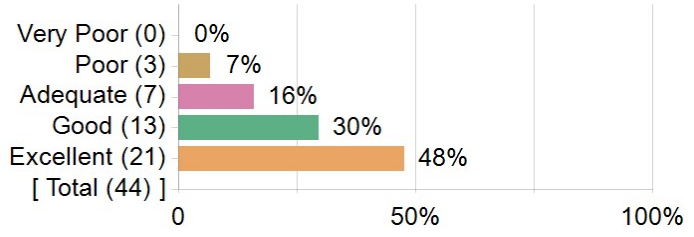
Statistics	Value
Response Count	44

3. The assigned work helped your understanding of the course content



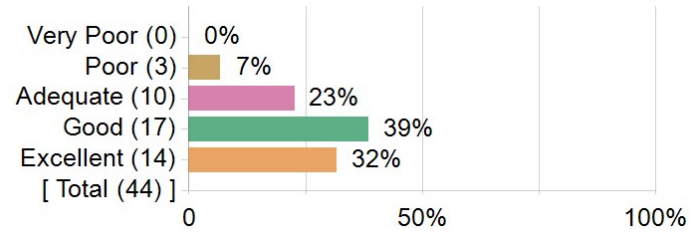
Statistics	Value
Response Count	44

4. The course provided opportunities for you to become engaged with the course material, for example through class discussions, group work, student presentations, on-line chat, or experiential learning



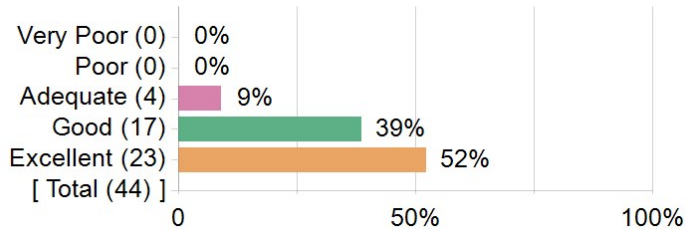
Statistics	Value
Response Count	44

5. The methods of assessment used to evaluate your learning in the course were fair



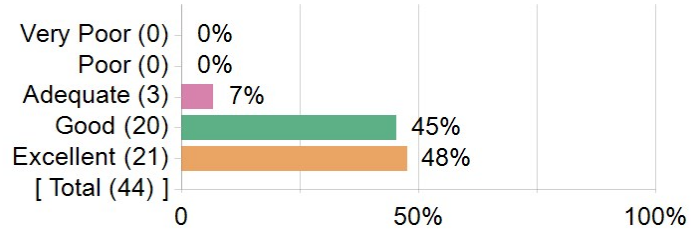
Statistics	Value
Response Count	44

6. The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts)



Statistics	Value
Response Count	44

7. Overall, the course offered an effective learning experience



Statistics	Value
Response Count	44

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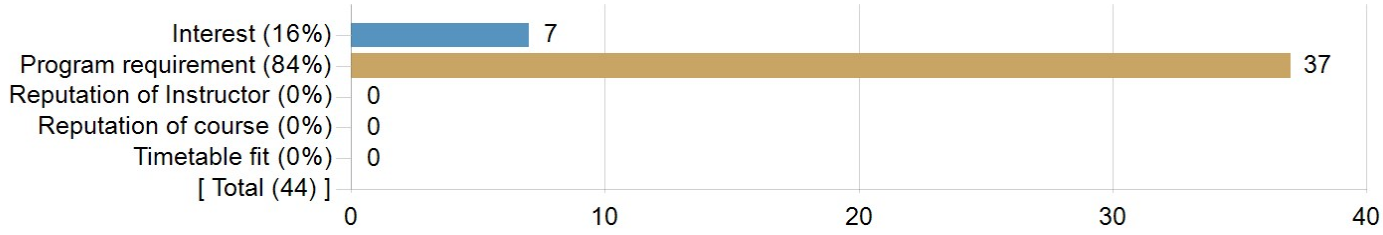
III Statements About The Students:

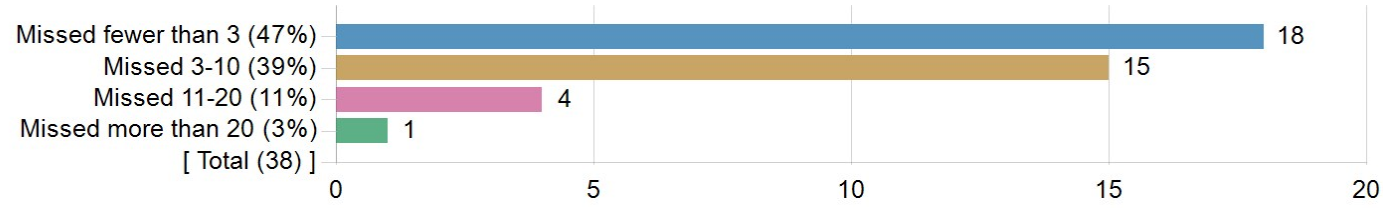
My primary reason for taking the course.

My primary reason for taking the course.



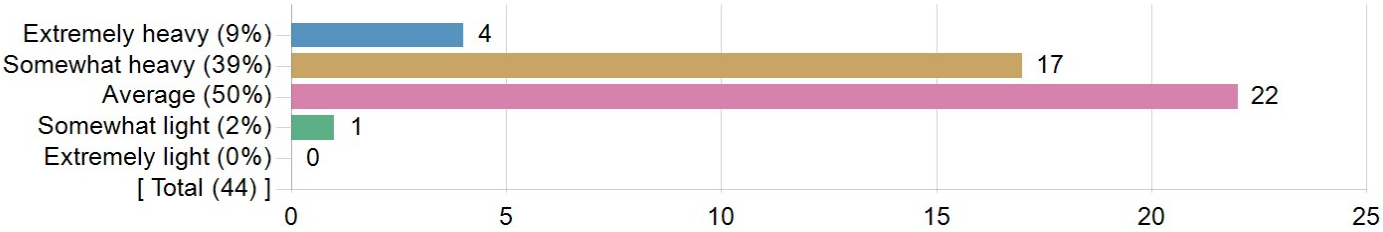
The approximate number of classes or labs that I did not attend

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



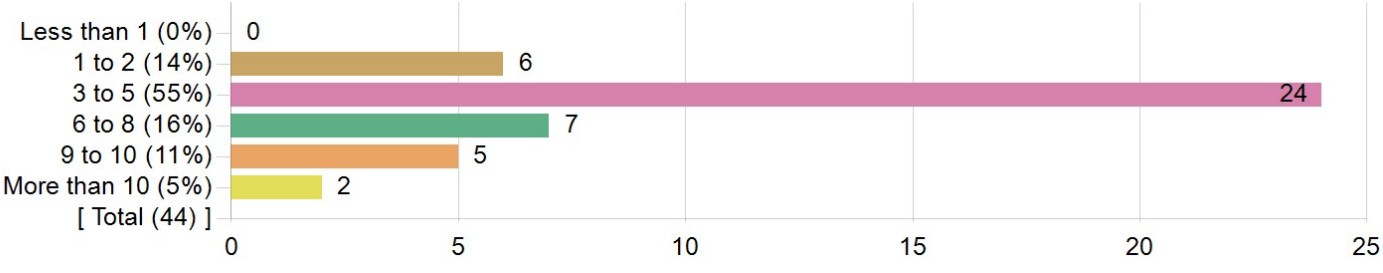
Relative to other courses I have taken at UVic, the workload in this course was

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:

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



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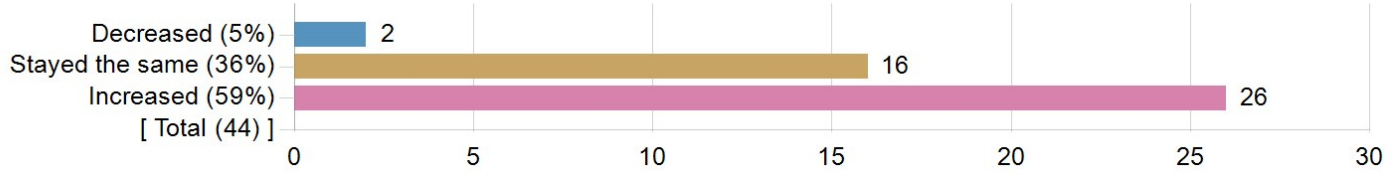
As a result of my experience in this course, my interest in the material:

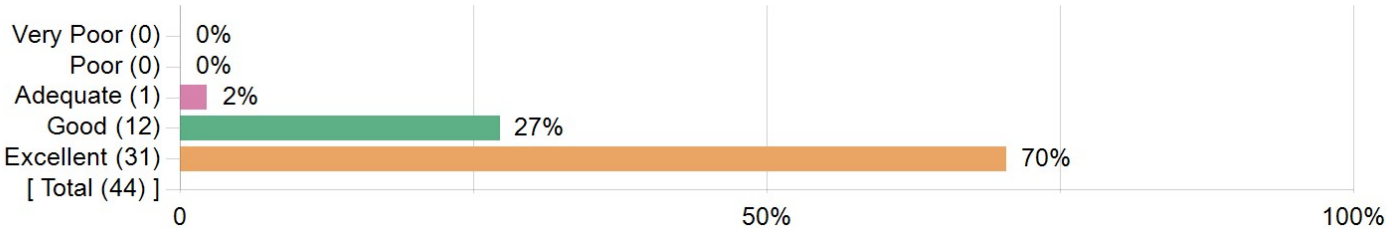
As a result of my experience in this course, my interest in the material:



IV Additional Statments:

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

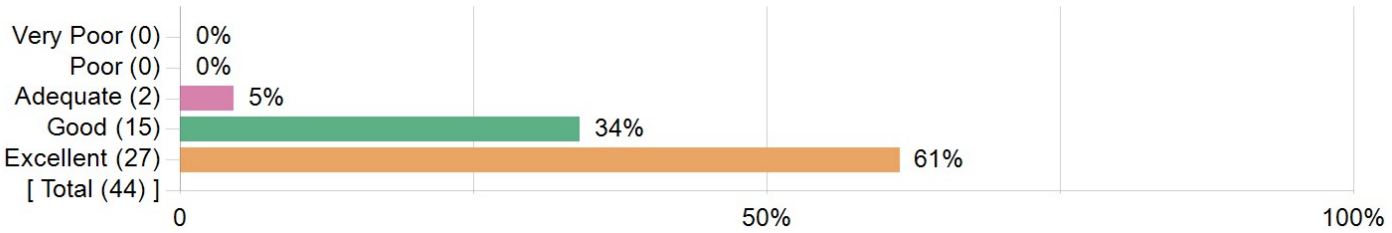
The instructor Celina Berg displays a good understanding of the material being presented



Statistics	Value
Response Count	44

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

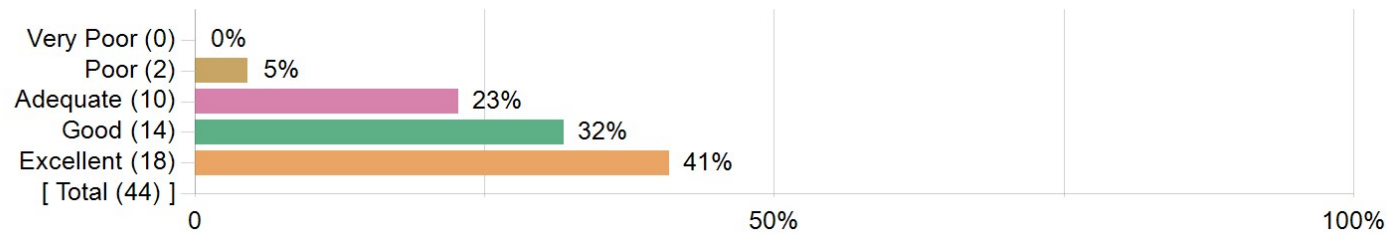
The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively



Statistics	Value
Response Count	44

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

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



Statistics	Value
Response Count	44

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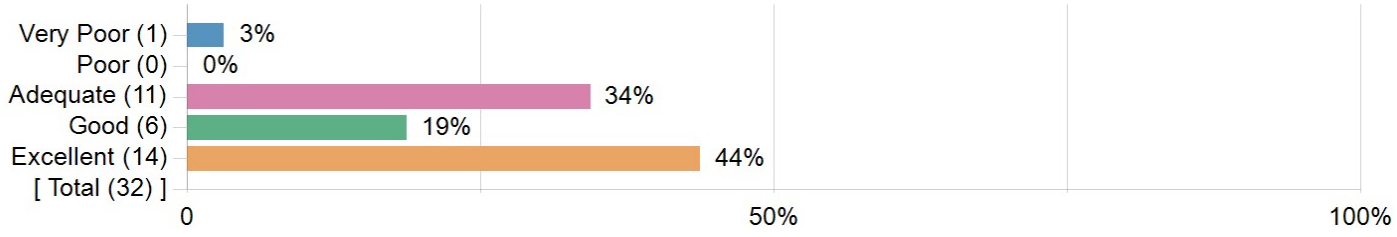
(Courses with tutorials) The tutorials contributed to my understanding of the course material

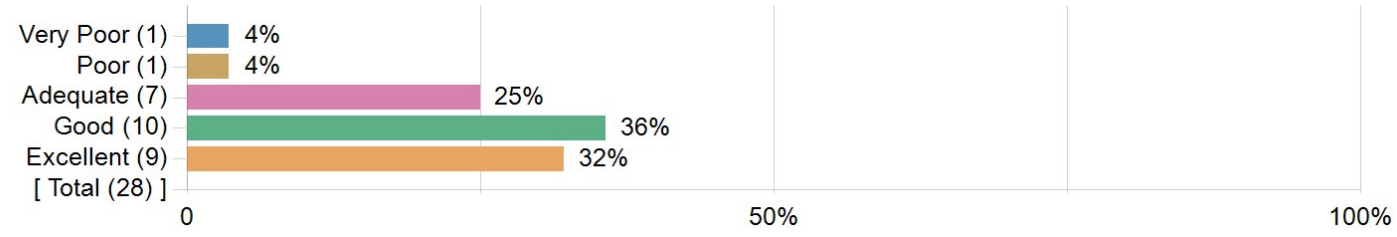
(Courses with tutorials) The tutorials contributed to my understanding of the course material



Statistics	Value
Response Count	32

(Courses with a major project, i.e. 20% or more of the final grade) The project 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



Statistics	Value
Response Count	28

IIV Student Comments:

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

Comments
Really good at asking questions to the class or individually to make sure everyone could understand the material. Shes also seemed to know the material very well and was happy to help students learn about it.
She is very knowledgeable
She went through everything very clearly
Very adamant on learning good coding practices, things that arent needed to write working code but improve readability and things
–Helped when anyone had trouble or a question –Explained things clearly
Celina Berg offered an open and safe environment to ask questions, she was also very clear and engaging in her lectures.
Extremely helpful whenever I needed help, she is great at explaining concepts to beginners like me. I really enjoyed attending her lectures.
easy to understand explanations of topics
Celina was very good at approaching a problem in a different way when student(s) don't understand how to do it the way that was initially taught.
Very clear in the method of approach to answering questions.
she is really good at explaining new topics to students
I thought the pre–lecture materials (videos and slideshows) were very helpful in learning the material, then using the class time as revision of this material made everything easier to remember.
None? Maybe documentation?
prepared well
Celina Berg was very clear in her explanations and she tried her very best to get the whole lecture involved with the course material
Professor Berg demonstrated an excellent understanding of the material being taught. She was patient with students, taking questions at any time during the lecture on the given subject or example, and engaging students in the examples being taught during the lecture, instead of just doing everything on her own. The assignment and lab handouts were done in a way so that it was easy to tell what the desired output of each function and program was – there was basically no vagueness in the material whatsoever. I also appreciated that Professor Berg made her own pre–lecture videos on the course subject material, so that everything was properly tailored to what would be taught in the course itself.
She knew what she did
The ability to simplify complex ideas.
Very open to talk about results and give feedback, especially for the midterms.
communicate effectively and deliver the messages clearly dedication understanding
very organized study material and in–depth explanations.
You were very approachable and easy to talk to about the course and just life in general. It is clear that you care deeply about the wellbeing of your students and that they succeed.
Good presentation abilities and an understanding of how to control a classroom
Engaging with the class during lectures.
She has an expert understanding of the course material and is very clear in her explanation. Talking to her after class also greatly increased my understanding of the material.
Detailed and Clear instructions Good at explaining in the lecture videos Answering hard questions from assignments and labs during office hours
Celina is one of the very best teachers I've had the pleasure of meeting. Her explanations of material were always clear and brief, so I could spend more time implementing them myself rather than sitting through pointlessly long lectures. The online resources available (forums and video tutorials) were incredible and worked perfectly to refer back to later and learn at my own speed. I can't say enough good things about this class and Celina
She went over several examples in class, thus providing students with a lot of practice material with demonstrated solutions.
Studying python effectively!

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Comments
She was clear and concise in lecture and always made sure to cover topics that we'd see again in the labs and assignments making the learning curve satisfying.
very helpful, knowledgeable, approachable
Completed and explained examples which gave the ifea of what you hafd to do.
She's very active and energetic in class and maintains a learning environment.
The professor's lectures completely covered everything in the course and the material demonstrated made assignments, labs, and other tasks easier to complete.
Video lectures were very clear, assignments and labs were very good.
Posting clear and helpful pre–lecture videos that explain concepts clearly
She was very helpful in office hours and you could tell she cared if you did well
Celinas Lectures were clear and concise. Made the lectures interactive which was a big plus. Also the recording of lectures incase we missed a session or 2 were a really big help.

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

Comments
at times was very blunt and indirect when answering questions
she taught us very well and i have no suggestions
give the students opportunities to make things and be creative
–She has done very good so I have no suggestions.
I felt my learning was great but maybe adding additional resources on the bright space page would help with studying.
Im not sure, maybe be more understanding of submission errors.
I would like to see more formal explanations in the pre–lecture videos.
N/A
It would have been nice to see real–world applications of the topics we were covering (for example, running programs outside of the Wing IDE).
Maybe not tell us to code how we want as it can be wildly different than on the tests. Also make sure to indicate if we have a helper function for the midterm question.
For one of the early assignments/labs, pointing out specific errors or possible improvements could be very beneficial for future assignments/labs.
answered questions instead of saying "you'll learn that later" or "I've already answered that"
nothing really
There honestly isn't anything I can think of. Any questions I had during the course were adequately answered either by Professor Berg or upon re–reading the provided course material.
I dont kniw
I have no complaints.
Have more varied times to meet with the instructor (More office hours). Often I wanted to meet and couldn't due to having other appointments to go to.
she could provide more detailed comments on our labs and assignments pointing out specific things that we missed.
sometimes the class felt too fast to understand anything and seemed like the instructor was rushing things up.
n/a you did amazing :)
teach multiple methods of doing a problem and show the most efficient
None.
i think that watching videos online may work for some, but it definitely didnt for me, i had trouble grasping the material and would have appreciated some more explanation in class.
There isn't that much to improve on, perhaps the only suggestion I would give would be to decrease the workload of assignments and labs.
Maybe explain about the lab or assignment during the class more deeply...or make sure everyone understands?
Spend a little less time on some topics to cover more material.
n/a
Increase offered time of office hours to suit all student with different time availability.
I reached out too late to her and as a result she couldn't help much.
once or twice, some of my emails were left not replied to, other than that Celina Berg is an excellent professor and very good at teaching this course and keeping students motivated through interesting coursework and lectures.
In–person lectures were somewhat useless, they felt closer to a tutorial than a lecture.
Doing a little practice with writing code on paper
I can't think of any improvements. This course was pretty much a 10/10. Only slight issue was that lecture starters were not uploaded a day in advance.

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

Comments
Slower progressions through the material as it was very easy to miss one thing and feel completely lost

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Comments
Have a final project instead of exam.
It was good, taught very well and very well paced out
Overall I really liked how this course was done and had no issues for it.
The assignments were strangely frustrating in comparison to the labs, some questions alone took up to 9 hours. maybe evening out the difficulty level would help people manage their time better.
There was one instance where a starter file was named the same thing as the the prior lectures starter file. (It was the lectures where you use more than 1 starter file). And when I download it, I have to either rename the starter file or just replace the one that I did the day prior. This was inconvenient and I did not realize that I wouldn't have the last lectures material if I replaced it. So I replaced it and then realized :(Anyways, it would be nice if you could name a starter file that you are using a second time something like date2.py or pet2.py
Some additional links to explanations of key concepts would be appreciated. For instance, it took me a couple of weeks to realize the difference between for i in range(len(x)), and for i in x.
N/A
More concise and uncluttered instructions for labs, assignments, and exams.
provide a more rigid way of how your code should look/ be done on tests.
more forgiving on labs and assignments as this is a beginner course,
better explanations on the labs and assignments with certain questions, more output examples
None that I can think of that would be reasonable requests.
I dont know
One thing that could be improved is in relation to extremely minor errors causing assignments and labs to receive an F. One way this could be accomplished is by having an additional check for if the "code quality" is very high, as this would imply that while the code is excellent but there is a minor error in the program (ie. a debug function call left in). Only problem is that I am not sure how this could be feasibly implemented.
students with different lab times should have different deadlines. For example, 2 days after the lab.
decrease workload, 2 midterms instead of 3 and slow down the pace of the lecture.
Sometimes the function specifications in the Assignment pdf's were not especially clear. I understand that they have to be that way to an extent and you do a very good job of clarifying questions in the forum, so this often is resolved easily.
longer exam times
None.
I feel that sometimes the material shown both in class and on the quizzes differed in difficulty and depth to the labs and assignments, it may have been my own fault but i did feel like some of the concepts i did not understand until relatively recently, including concepts from early on in the term.
Please keep online resources post–covid. They helped me tremendously to learn at my own pace and are mostly responsible for my success in the course. The labs are a great place to go when I'm struggling with a certain topic.
The only suggestion I have was mentioned above, as I feel like decreasing the workload would be relieving for students that are taking a lot of other course.
I guess there should be more help for the beginners of coding.
This course was great, but my biggest complaint though was restricting the kind of coding we could do, i understand that we need to learn the course material, but punishing students for coming up with creative or easier ways to solve problems I think goes against the essence of computer science. Finding a cool way to run a function but then losing marks because it wasn't the "right" way, with no actual reason why it wasn't right other than "I personally disagree with using these", was really discouraging. I also think that some of the marking for the assignments and labs should be a bit more lenient, having one word different in your function name shouldn't get you a fail on the entire function and if it does let us be able to fix it with a regrade.
n/a
Increase time of office hours.
This course went too fast for me and I'm almost sure that I'm going to fail the finals. I wish it went a little bit smoothly. There was too much course work, too many midterms. I just wished this course was a little bit easier. It was a hard blow on my confidence:
N/A
Fewer video lectures, more in–class lectures.
Slow it down. As someone who has never taken programming before I had a Monday lab and had no idea how to do the content for it becuase it was taught later in the week. Maybe work on that timing so Monday labs don’t get screwed.

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Comments
None, this was just a good course and I can't honestly think of a way to improve it thats within the instructors control.

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UVic CES Instructor Report 202109 - Celina Berg - FUNDAMENTAL PROGRAMING:I - CSC 110 - A04 (CRN 10733)

Project Title: **UVic Course Experience Survey - Fall 2021**

Courses Audience: **104**
Responses Received: **54**
Response Ratio: **52%**

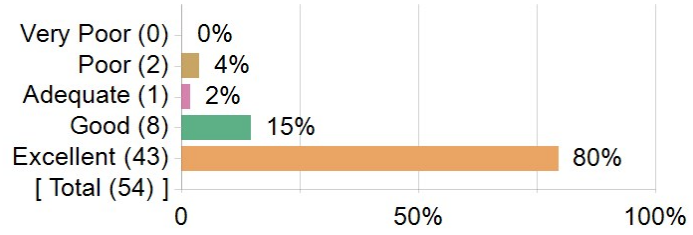
Subject Details	
CRN	10733
VNUMBER	V00129143

Creation Date: **Wednesday, January 12, 2022**

blue®

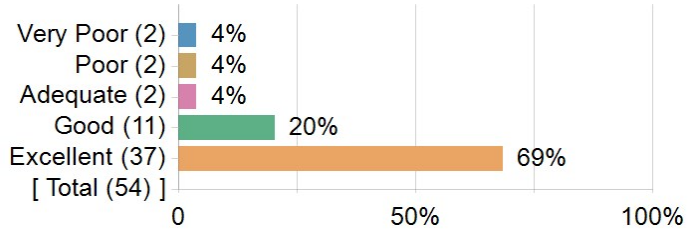
I Instructor's Teaching - Students' Ratings on the Following Statements:

1. The instructor was prepared for course sessions



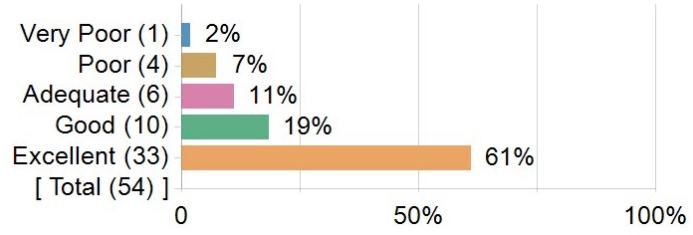
Statistics	Value
Response Count	54

2. The instructor's explanations of concepts were clear



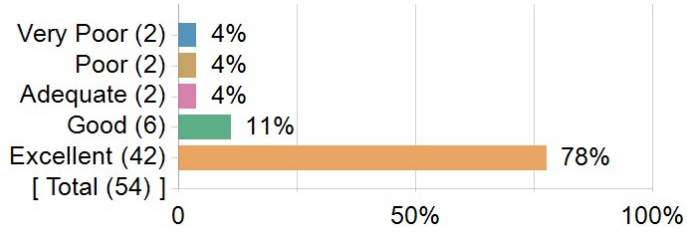
Statistics	Value
Response Count	54

3. The instructor motivated you to learn in this course



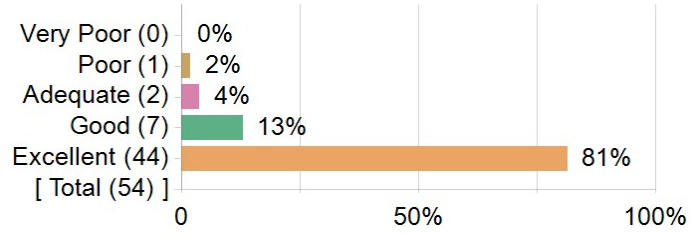
Statistics	Value
Response Count	54

4. The instructor was available to answer your questions or provide extra assistance as required



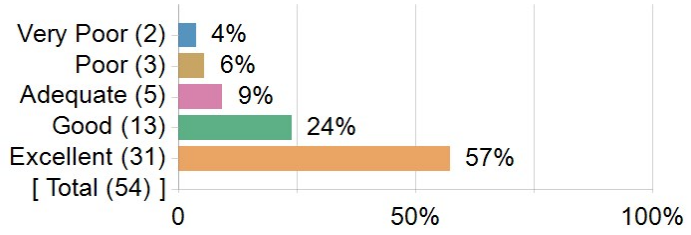
Statistics	Value
Response Count	54

5. The instructor ensured that your assignments and tests were returned within a reasonable time



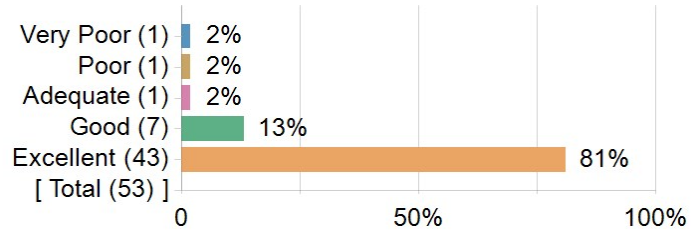
Statistics	Value
Response Count	54

6. The instructor was helpful in providing feedback to you to improve your learning in this course



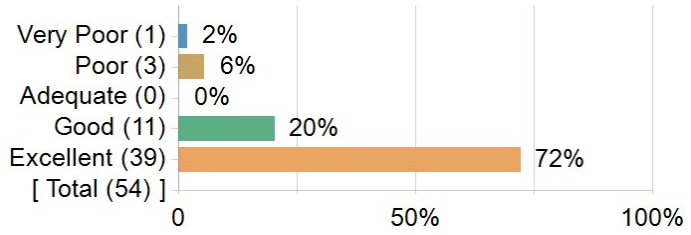
Statistics	Value
Response Count	54

7. The instructor demonstrated respect for students and their ideas



Statistics	Value
Response Count	53

8. Overall, the instructor was effective in this course



Statistics	Value
Response Count	54

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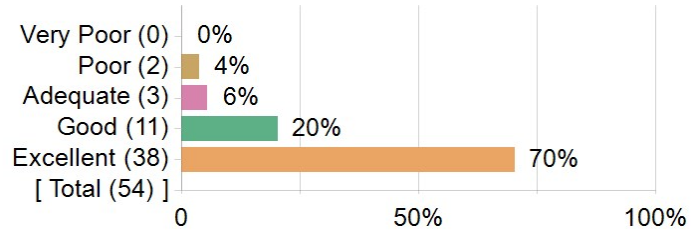
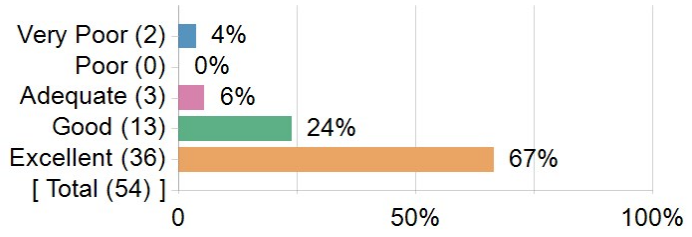
II Course Design - Students' Ratings on the Following Statements:

1. The course structure, goals and requirements were clear



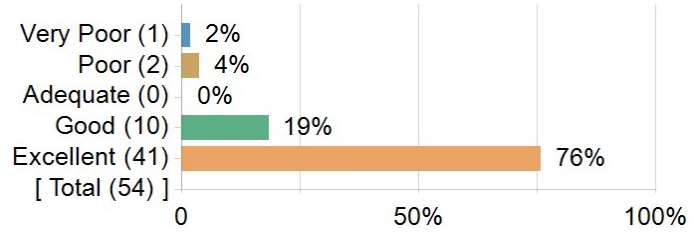
Statistics	Value
Response Count	54

2. The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear



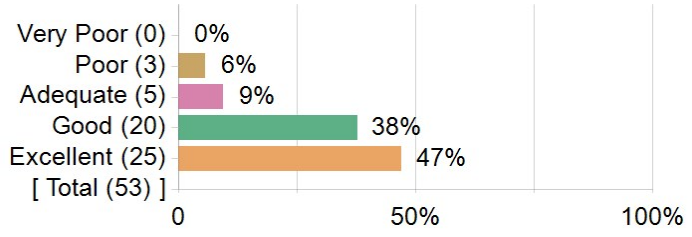
Statistics	Value
Response Count	54

3. The assigned work helped your understanding of the course content



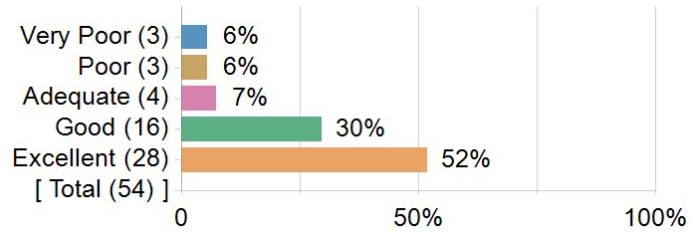
Statistics	Value
Response Count	54

4. The course provided opportunities for you to become engaged with the course material, for example through class discussions, group work, student presentations, on-line chat, or experiential learning



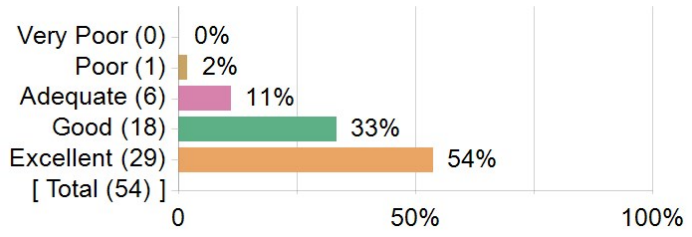
Statistics	Value
Response Count	53

5. The methods of assessment used to evaluate your learning in the course were fair



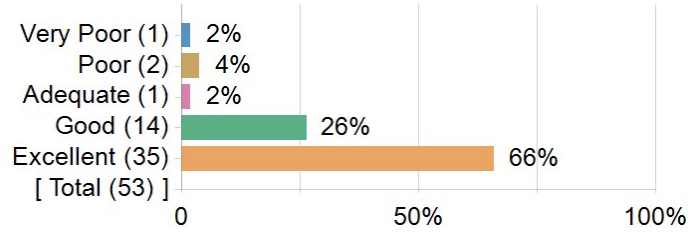
Statistics	Value
Response Count	54

6. The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts)



Statistics	Value
Response Count	54

7. Overall, the course offered an effective learning experience



Statistics	Value
Response Count	53

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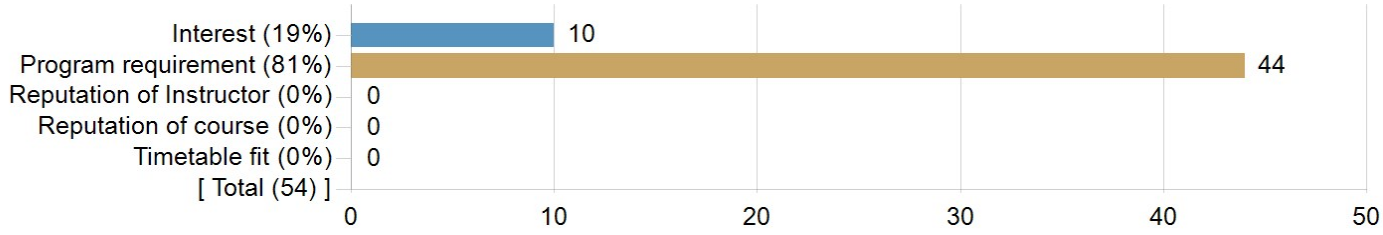
III Statements About The Students:

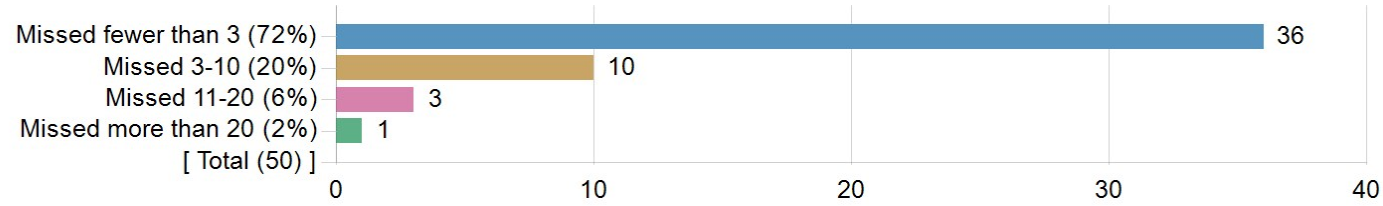
My primary reason for taking the course.

My primary reason for taking the course.



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

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

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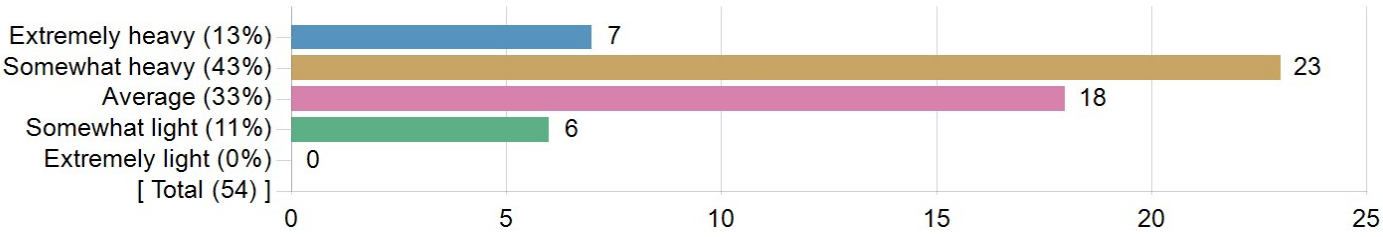
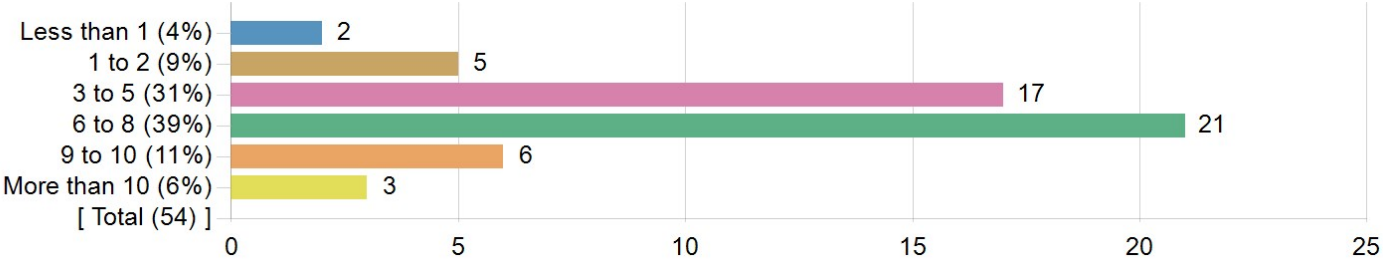


The approximate number of hours per week I spent studying for this course outside of class time:

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



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

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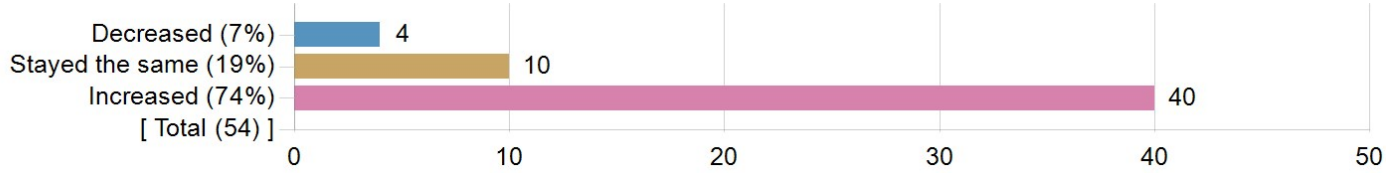
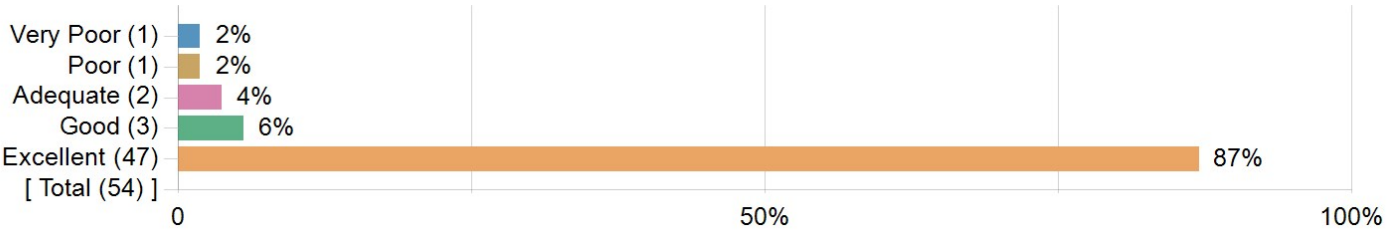


IV Additional Statments:

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

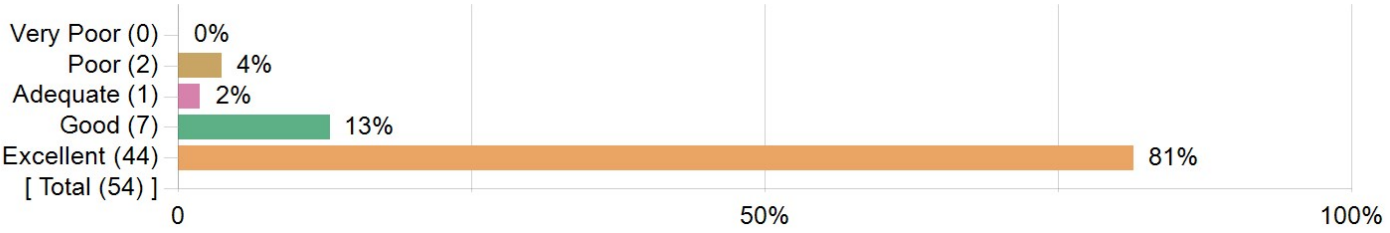
The instructor Celina Berg displays a good understanding of the material being presented



Statistics	Value
Response Count	54

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

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



Statistics	Value
Response Count	54

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

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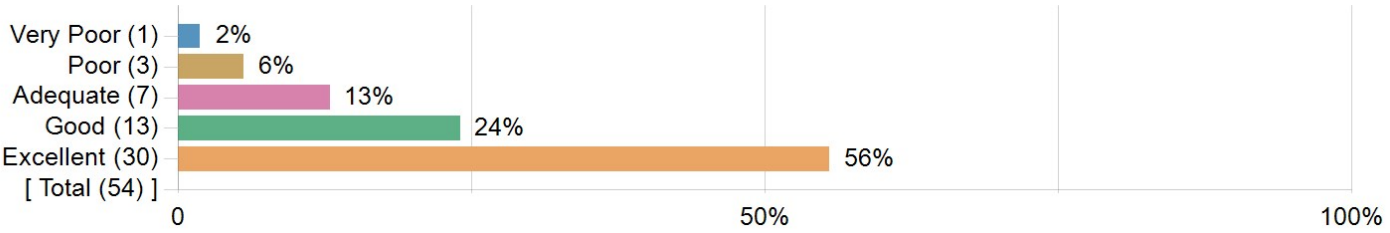

Statistics	Value
Response Count	54

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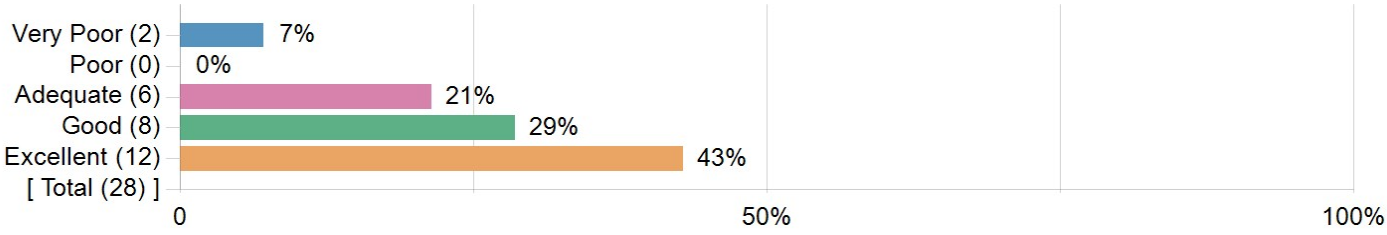
(Courses with tutorials) The tutorials contributed to my understanding of the course material

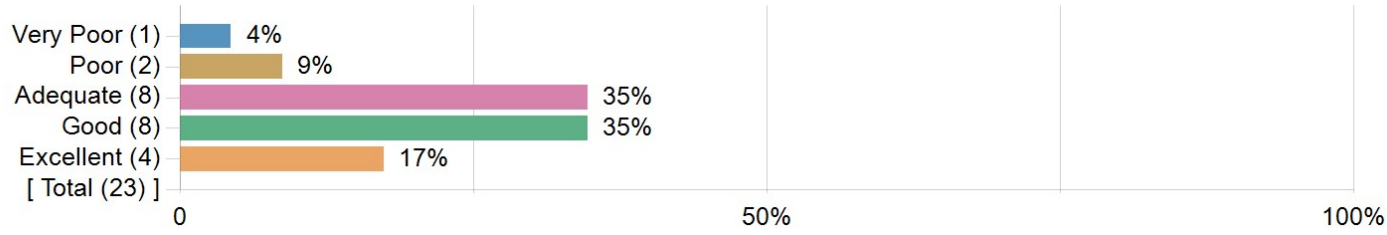
(Courses with tutorials) The tutorials contributed to my understanding of the course material



Statistics	Value
Response Count	28

(Courses with a major project, i.e. 20% or more of the final grade) The project 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



Statistics	Value
Response Count	23

IIV Student Comments:

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

Comments
did lots of examples within the class
Celina Berg was overall a very effective instructor. She presented the material well (I especially appreciated the 'flipped classroom' format) and was always ready to answer questions. The course was structured such that new material would be addressed several times (in lectures, labs, assignments, extra practice, etc.) and therefore lead to a higher retention rate. To me, this made CSC110 and Celina's method of teaching stand out among my other courses.
Very positive and seemed genuinely interested in teaching. I loved how she incorporated the audience into lectures and was open to others methods of solving a problem. Also something I found extremely effective for my learning were the demonstrations of why certain code solutions wouldn't work and how they could be fixed. Overall Celina is an excellent professor and I would definitely take another course with her as instructor.
Celina was very helpful. She was often available for office hours, and provided me with a lot of extra help and understanding of the course. She definitely cares about students if they ask for help.
Celina is a talented speaker who explained, somewhat difficult, concepts in thorough detail to help students better understand the material. Celina always came to class prepared and the expectations for the course were clear. I appreciate Celina's hard work and dedication to helping students learn and improve their programming skills.
It took some getting used to but the videos before class of the actual material was great because I could watch them at my speed and not waste my time
She is very helpful and understanding. She is always available to answer questions.
Class was very engaging, loved the: "here's a problem for you to try, ask questions and then we will go over the solution" method.
She is extremely involved with supporting her students and assisting with any needs with the course. Having the material covered in videos and slides before the class and then going over examples was very beneficial and the way she organized and set the course up was fantastic. I truthfully wish more classes were designed this way since practice is key! She is extremely caring and enthusiastic when it comes to teaching the material and it always made me want to attend lectures. Coding was never something I had an interest in before but now it is something I want to continue to pursue thanks to this class. She is very considerate and helpful in many ways, I really appreciated it– it is refreshing to have professors that you know truly do care and are passionate about what they are teaching and are wanting students to succeed. Thank you for the great class, I hope to take a further class with you eventually.
The pre lecture material Celina put together for each class was organized, informational and very helpful.
The instructor was willing to demonstrate and debug any assigned problems line by line in order to ensure students understanding of the material and how the program was actually functioning.
Clear, made approaches to problems that were easy to understand and comprehend. Labs and assignments were not too long and I felt much more confident with the material after completing them
she was a very positive and constructive influence that would go above and beyond to help students.
Very open to questions and willing to explain concepts again if somebody didn't follow along. Outgoing and fun!
She was very energetic and made it very easy to stay focused and interested in the subject material.
Celina was always positive and always available to help in and out of class time. She made sure her students understood the material thoroughly to ensure confidence in the material.
Dr. Berg was very clear in her explanations and walkthroughs of problems in class.
simplifying code into human readable speech and then translating it back into code to understand what it does, coding along with the class
Very clear explanations of the underlying reasons of why python works the way it does. Learning about how variables reference data stored in memory and the differences between mutable and immutable types was very helpful and furthered my understanding of the subject.
She helped clarify everything and made sure we understood it.
An stellar ability to introduce new concepts that built off of pre–existing knowledge (Whether it was knowledge gained previously in the course or in general life) aided me greatly in stepping into new thought processes that were previously unexplored.
Celina Berg is effectively only able to follow the course curriculum as it seems she has no understanding of python outside of this.
Very good at organizing how the lectures were ran, and willing to go at the speed the majority of students needed in order to fully understand the material, rather than rushing ahead to get through all the day's material.
She was extremely helpful and made the classes very engaging, and even if I wasn't particularly enjoying the content she still made it fun with her personality.

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Comments
idk, all around good
The course is well–designed, assignments are directly related to assessments and skill–building. Each unit builds on previous skills learned in the course. The automated feedback is excellent for improving and understanding what is expected.
Really well prepared, most of the topics were easy to understand.
Working on the material in front of the class gives a clear way of seeing where my own code went wrong.
Her explanations in lectures were very helpful especially when it came to the tougher topics
– down to earth and very approachable. This made asking for help easier. – breaking down the subject/course into very small bits extremely effectively. – not making anyone feel stupid. Ex. answering all questions the same, asking how many people had never done computer science at the start of class. – sprinkled extra comments about how python is different. eg. 'you don't have to do this in python, but in other languages you do so its a good practice'
I like the flipped class model, I found it very effective
Clear at explaining ideas and reasoning
Celina is truly one of the best, her expertise and patience never failed to amaze me. Celina not only taught me python but also indirectly, taught me kindness and compassion. She identified and offered support to students who were struggling, and treated students who were not particularly the politest, with respect and kindness. The amount of patience you need for that is just, I can't even begin to imagine. Thank you for a wonderful course, Celina!
I already how to do all of this so not much
Celina understands that her students don't all have a background in the material, and she provides a course that makes sure everyone has equal footing with understanding and utilizing the material. Much of the emphasis was on industry standard style requirements, which was a great value that self–teaching doesn't necessarily offer. Her assignments were tricky at times, but when students ask questions she was respectful and made sure they found their way through it in the end. Some of the students who were clearly self–taught seemed to take issue with her and were incredibly rude to her because of it, but she handled these situations with more grace than I could ever have managed.
Very clear in explaining ideas. She made great use of the projector which was visible to the entire lecture hall. A kind and passionate person, which made learning the course fun.
print('Dr.Berg was very into the material herself, so it made learning the material much more enjoyable and easy to understand')
Dr Berg was kind, clear, supportive, and helpful! She always provided prompt responses of the forums, stayed to answer questions after class, and provided more out of class office hours than any prof I've had at Uvic (Thank you so much!). Dr. Berg was able to teach a complex course in a clear manner and provided an optimal learning environment; her active learning approach helped me stay engaged and learn the material.
Highlighting key concepts and using pre–lecture quizzes effectively
She did not demonstrate many strengths that helped me learn in this course. However, one helpful thing was the online videos.
I loved the structure of this course. I found practicing in class and working through examples in class very helpful.

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

Comments
do more diverse questions that have a lot of attributes and need to think more about how they can be related to exams
Cannot think of anything.
If possible a screen recording or extra camera that could be used to record anything written down on paper during lectures would be helpful for recorded lectures, but other than that, nothing :)
I think everything was structured well.
I see no areas for improvement!
Nah this class was the most straightforward thing I've done all year
N/A
Pacing: most of the course was taught at a good pace, but I thought the section on dicts went a little too fast and the topic classes went too slow. Sometimes we were given a long time to work on very simple problems in class which got boring – this is coming from someone who had no previous coding experience but was very successful in this course.
She was fantastic, I really don't have any suggestions.

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Comments
She is a good teacher, and I have no suggestions.
I have no comments for this.
Make the feedback from labs and assignments more human–readable. Often I did not really understand what I did wrong. Not providing answers to practice problems really held me back as I lived far from campus and the only access to them as if I went to a specific building at a specific time. Overall, this made practicing the content outside of labs, lectures, and assignments very difficult
I can't think of one
All was well; nothing in particular to add.
N/A. 10/10 would recommend her as an instructor
I felt that Celina provided all of the support and material necessary for this course.
Dr. Berg could be more clear in her instructions of what is wanted in regards to assignments and labs
not overestimating the knowledge of students when they ask questions in the class forum
see below, but Celina herself did great
If the class was smaller, she could have spent more time individually with students, but as it was I can't think of anything.
I cannot think of anything at this moment.
Not provide feedback through a robot I dont think I have ever met someone who could be so proud of their work when it’s really all a robot doing it for them. Also actually putting some effort into emails instead of sending us away just to reread the confusing assignment instructions. I also suggest that Celina take the time to explain assignment materials during lecture times.
I thought she was great, if there were any points at which I wasn't learning as effectively as I could then it was because of my own lack of motivation.
Listen more to students alternative ways to solve problems and compare with her solutions (I know we just don't have enough time in the lecture for that, but it would be interesting)
It would have been helpful to have a more straightforward lecture. Having the instructor run around a lecture hall is awkward and inefficient. When I attended my questions went unanswered and because the instructor was busy the lecture period was mostly sitting there ignored, in silence. It would have been better to simply watch Celina go over her solutions (in front of everyone) and discuss why they work.
Some of the topics were covered a bit too fast for someone who does not have any prior programming experience.
More traditional lectures would be helpful
The exams seem to be testing how quickly I can produce the code. I didn't feel like I got practice with that in the course even thought I felt good about assignments/labs/quizzes. I just didn't get enough repetition in to be able to kind of automatically produce answers. So, something that really encourages reps or implies that speed is also somewhat tested would be helpful.
I would have liked the times that the pre–class quizzes are due to be different. I had an 8:30 lecture and sometimes missed the deadline for the quiz even through I watched the videos before lecture
N/A
Type faster/better
Staying on top of date submissions to the Center for Accessible Learning would have helped a lot, especially when the resources at the center can be limoted when it comes to exam seasons.
No Comment. She did everything basically perfect (in my opinion).
N/A
None!
Not sure
She could have been more lenient with people who did not understand the material in this course.

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

Comments
A difficulty I had with the course was the midterm exams. I found them to be quite different in format/structure to what we were doing in lectures, assignments, and labs. Material (whether extra or required) such as practice midterm papers to help prepare specifically for the midterms would have been welcome.
I think it's hard to come up with any improvements as this course was put together so well, but one thing I would be interested in would be more real world applications used in labs or class starters.
I enjoyed the prelectures and quizzes as they introduced the topic before class. This helped me to stay engaged and on top of

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Comments
things. I don't think there needs to be much improvement. Some labs and assignments did take a lot of time, but it was more because I was unfamiliar with the content. The assignments and labs definitely helped to truly absorb the content.
I see no areas for improvement! The structure and delivery of this course was fantastic :)
I wish that the quizzes were due at the start of class instead of like 9am. I would see the date of when it was due and assume it was just before cksss but then always get cut because of the 9am cutoff
N/A
Summary slides before midterms would be helpful – sometimes it is hard to know which functions we are responsible for remembering ie we learned lots of different string operator function .lower(), .proper(), .upper(), many different math functions etc,
Overall, the assignments, lectures, labs were all effectively laid out. If I were to be completely transparent, I understand there are expectations and reasons as to why the midterms/ final are written on paper, but I heavily disagree with that practice. From an academic standpoint, I realize that it is a way to gather how the individual/ class is understanding the given material and to 'even out the playing field', but from a real world standpoint, I do not think it is necessary. Perhaps adopting a method to where we are given a time limit to solve a more complex problem[s] on an actual program where we have learned how to code with all assignments/labs. This method of course, is more of an advancement than the current level of our educational system seen in Western universities. I feel strongly about making changes in our courses to better reflect the knowledge of the students and could frankly go on forever about this! But truly, overall this course helped me find a passion in either something that I might consider to integrate into my degree or hold as a hobby so, thank you.
The method of feedback for assignments and labs was a little bit hard to understand.
I have no comments for this.
Provide answer keys for practice problems to accommodate those who live far on campus. Release more human–readable feedback for labs and assignments.
I feel like the labs should be weighted heavier than they were and the midterms should be weighted lighter. The labs represented ones knowledge more than the midterms and were rather heavy
I found that the pre–lecture quizzes were often too long. In essence, they eventually felt like more of a chore that had to just get done instead of a learning opportunity. In an odd way I think if they had been 10 or less questions I would have valued them more instead of just trying to get through them. The ones that happened to be shorter I noticed that I did exactly that.
N/A
I wished there were Help Centre's with TA's to increase the time we could receive help if we couldn't attend Celina's Office Hours.
Reduce amount of assigned work each week, becomes overwhelming
Overall the course was amazing. It really inspired me to learn and I enjoyed this class. Celina was my favourite instructor this semester and did an incredible job teaching the material. The only thing that I'd say could help is giving ambiguous questions in class before putting them on the midterms, and providing more resources to help study for midterms (old midterms etc.)
the videos for each concept are very quiet for some reason, that's all
File IO needed further explanation. The initial lectures covered a lot of new and confusing material, and the quiz covered even more than what the lectures did which made it very difficult. Starting learning about File IO differently or breaking it into 2 days may be helpful.
No idea. If only other courses were as well structured and easy to understand as this.
The quizzes felt extremely disconnected from the labs and assignments. I found myself not understanding what was being asked of me during quizzes, and it did not help solidify any knowledge gained from the videos. The time to complete the midterms felt as though it wasn't sufficient.
Listed above^* everything can be fixed. It’s the prof in this course that is the issue. Heavy course load with an poor understanding and poor communicating professor leads to a course where I never want to take with her again.
I thought the workload was a bit heavy, it was definitely the class I had the most homework in even as a Physics major. Maybe the pre–lecture material shouldn't be in the form of graded assignments to take the pressure off a bit, as it would be helpful to look at anyway without the added pressure of needing to completely memorize it in order to complete another assignment.
Be more indulgent if someone has a typo in their file or function name. It didn't happen to me, but I would have been pissed.
Overall this was one of the best designed courses but the tight deadlines were intrusive and inconsiderate of a full courseload/timetable. More time to start quizzes would be appreciated.
I do not have any suggestions
I didn’t like the format of the lectures. Was just as good a use of my time to learn from the assignments and internet.
I'm not sure if that lab is totally necessary as the course instruction is pretty adequate.

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Comments
The deadline for the pre–class quizzes should be when the class starts
N/A
have more options for students with previous experience
In this age of COVID–19, not all students have the health to be able to attend in–person. While Celina went above and beyond to make sure her lectures were accessible to students with disabilities, the course requirement of a lab section when the lab instructor could not be utilized (the entire point of having a lab available) meant that money was spent on a resource I was never able to access. I have no choice in the matter, as someone with medical requirements to avoid groups of people for the duration of the pandemic. UVic has consistently proven that they don't consider the safety of their most vulnerable community members as a priority. The school had a full calendar year to make sure this term could run smoothly for students with disabilities, and hiring one or two people (more than half–way throigh the returning semester) to help every prof structure their coursework for remote access is hardly enough. This is an institution–wide failing and should not be seen as a criticism of Celina Berg and the course she has developed.
Not sure, seems like a solid course with no flaws. Just gotta do your work and go to lectures. :)
The course load is very heavy. we had quizzes, labs and assignments every week. I was taking 4 other 400 level courses and I barely had time to finish all the assignments and labs. Maybe it would be better to have labs every week but then have assignments every other week or so. I also did not like writing the midterm in the evening. I usually get very tired during the day and It was very hard to focus during the exam. I also did not like how we had to write the exam on paper.
Assignments and labs are great ways to learn the material; however, they are worth very little compared to midterms and the final; however, I likely spent more time on 1 assignment (especially those near the end of the course) than writing a midterm. Thus, I suggest weighing the assignments more and either reducing the weight of the midterms and/or final exam OR only doing 3 midterms and no final. Of all courses I've ever taken at Uvic, when there are 3 or more midterms, there has been no final exam. The course contents builds throughout the course, so it could be argued that most of the material on midterm 3 covers a large portion of the course (i.e. the final may not be necessary). While the exam schedule is not chosen by the prof, a midterm on the last day followed by the final exam ~7 days later, is a bit of time crunch.
do not allow copy and pasting on pre–lecture quizzes
This course could be improved by providing more help for people who don't already understand the material. It would be very helpful if the professor would provide extensions to labs and/or assignments when needed, as she did not under any circumstances. Another thing which I think should be improved on in this course was that if you submitted an assignment and/or lab with the name spelt wrong, you would automatically get a zero, something which I believe should not happen as you spend a lot of hours doing an assignment just to get a 0 because you added a capital letter at the beginning of a word.

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