Course Experience Survey Results
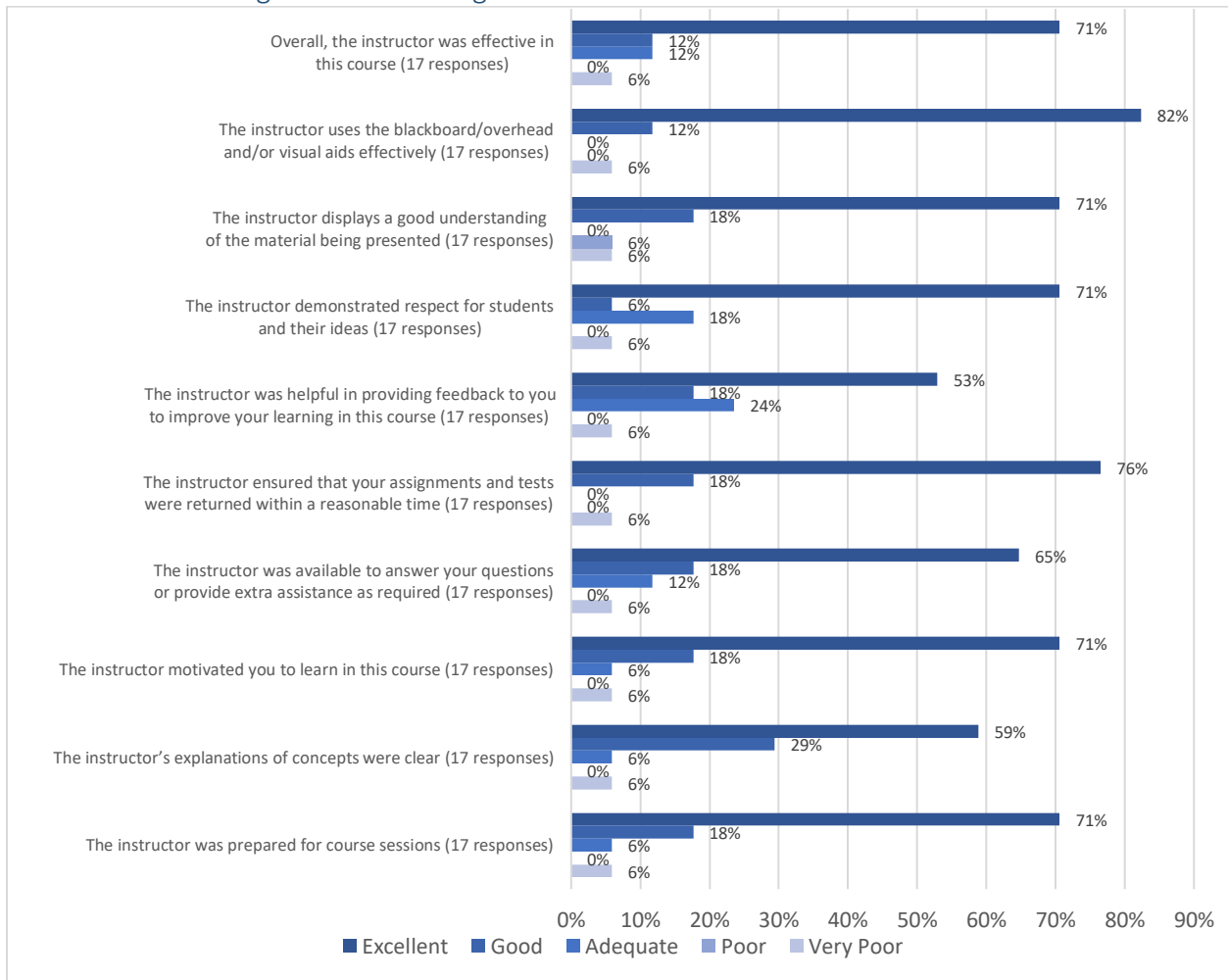## CSC 110 – Fundamentals of Programming I
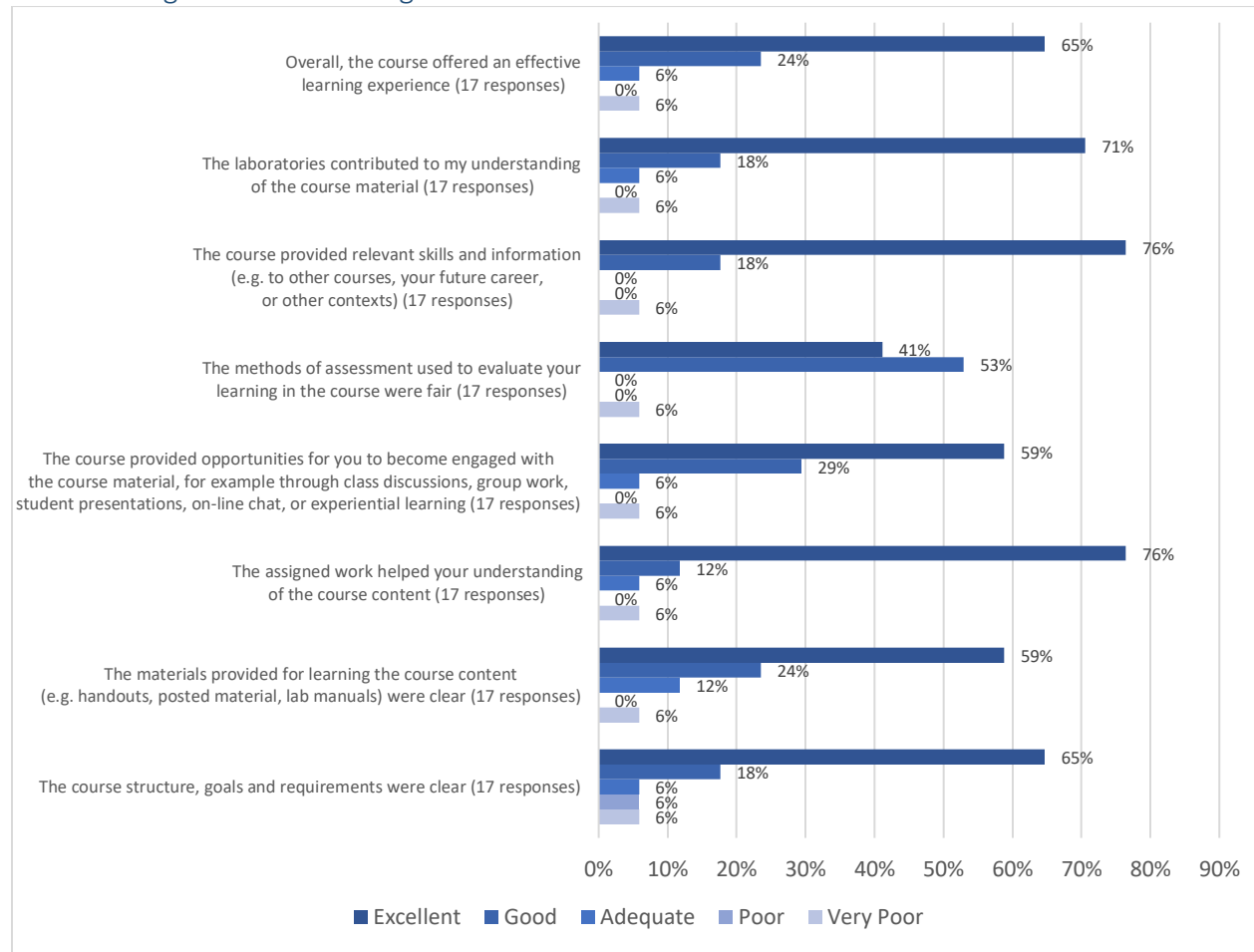### Term: May 2019

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.
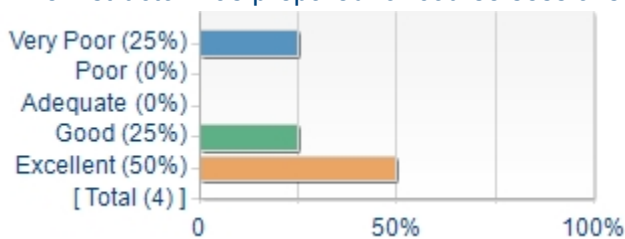
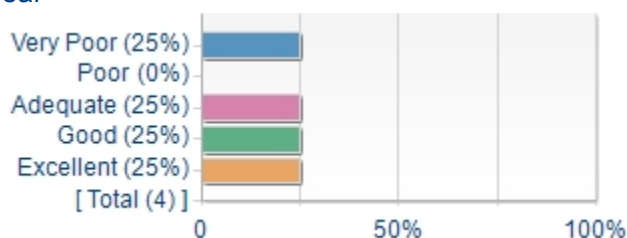## Instructor's Teaching – Student Ratings

Bar chart — Instructor's Teaching – Student Ratings. Legend: Excellent, Good, Adequate, Poor, Very Poor.

Question (17 responses)	Excellent	Good	Adequate	Poor	Very Poor
Overall, the instructor was effective in this course	71%	12%	12%	0%	6%
The instructor uses the blackboard/overhead and/or visual aids effectively	82%	12%	0%	0%	6%
The instructor displays a good understanding of the material being presented	71%	18%	0%	6%	6%
The instructor demonstrated respect for students and their ideas	71%	6%	18%	0%	6%
The instructor was helpful in providing feedback to you to improve your learning in this course	53%	18%	24%	0%	6%
The instructor ensured that your assignments and tests were returned within a reasonable time	76%	18%	0%	0%	6%
The instructor was available to answer your questions or provide extra assistance as required	65%	18%	12%	0%	6%
The instructor motivated you to learn in this course	71%	18%	6%	0%	6%
The instructor's explanations of concepts were clear	59%	29%	6%	0%	6%
The instructor was prepared for course sessions	71%	18%	6%	0%	6%

Course Design – Student Ratings

Overall, the course offered an effective learning experience (17 responses)
- Excellent: 65%
- Good: 24%
- Adequate: 6%
- Poor: 0%
- Very Poor: 6%

The laboratories contributed to my understanding of the course material (17 responses)
- Excellent: 71%
- Good: 18%
- Adequate: 6%
- Poor: 0%
- Very Poor: 6%

The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts) (17 responses)
- Excellent: 76%
- Good: 18%
- Adequate: 0%
- Poor: 0%
- Very Poor: 6%

The methods of assessment used to evaluate your learning in the course were fair (17 responses)
- Excellent: 41%
- Good: 53%
- Adequate: 0%
- Poor: 0%
- Very Poor: 6%

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 (17 responses)
- Excellent: 59%
- Good: 29%
- Adequate: 6%
- Poor: 0%
- Very Poor: 6%

The assigned work helped your understanding of the course content (17 responses)
- Excellent: 76%
- Good: 12%
- Adequate: 6%
- Poor: 0%
- Very Poor: 6%

The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear (17 responses)
- Excellent: 59%
- Good: 24%
- Adequate: 12%
- Poor: 0%
- Very Poor: 6%

The course structure, goals and requirements were clear (17 responses)
- Excellent: 65%
- Good: 18%
- Adequate: 6%
- Poor: 6%
- Very Poor: 6%

Legend: Excellent, Good, Adequate, Poor, Very Poor

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

1. The instructor was prepared for course sessions

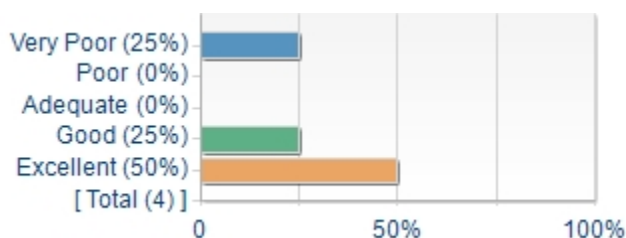| Statistics	Value
Response Count	4

2. The instructor's explanations of concepts were clear

Statistics	Value
Response Count	4

3. The instructor motivated you to learn in this course

Statistics	Value
Response Count	4

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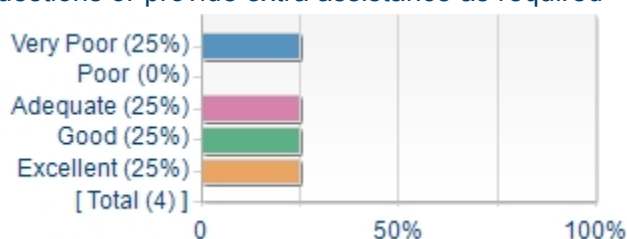
Statistics	Value
Response Count	4

5. The instructor ensured that your assignments and tests were returned within a reasonable time
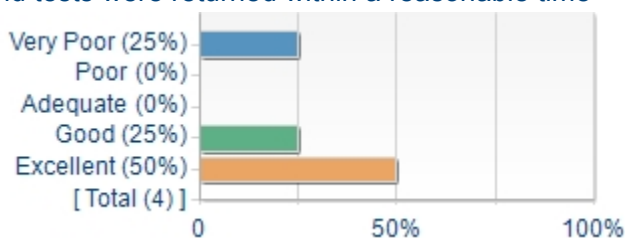
Statistics	Value
Response Count	4

6. The instructor was helpful in providing feedback to you to improve your learning in this course
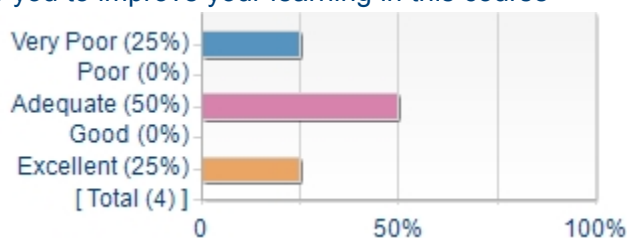
Statistics	Value
Response Count	4

7. The instructor demonstrated respect for students and their ideas
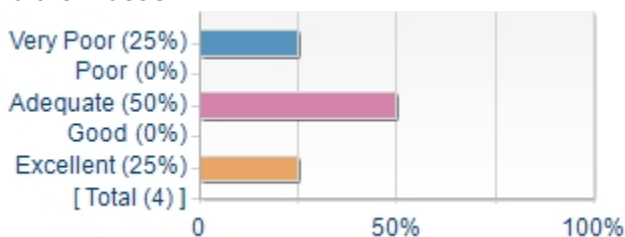
Statistics	Value
Response Count	4

8. Overall, the instructor was effective in this course
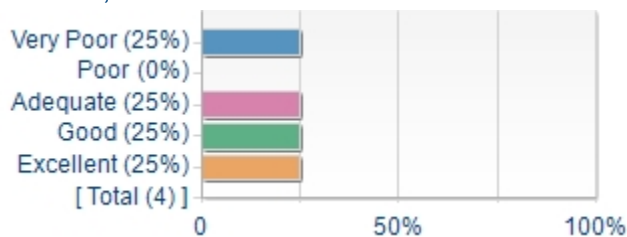
Statistics	Value
Response Count	4

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

1. The course structure, goals and requirements were clear
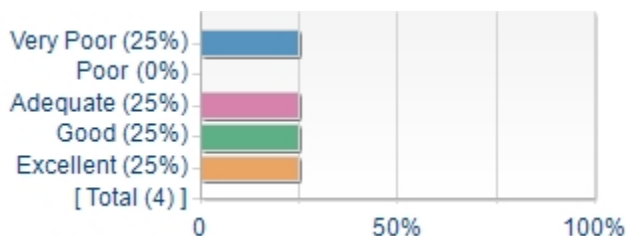
Statistics	Value
Response Count	4

2. The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear
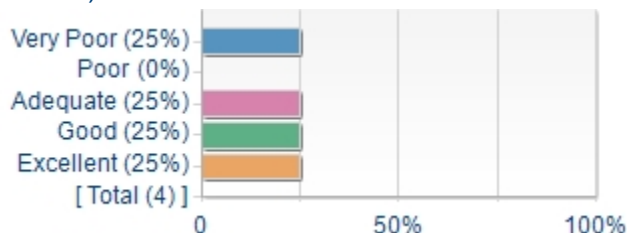
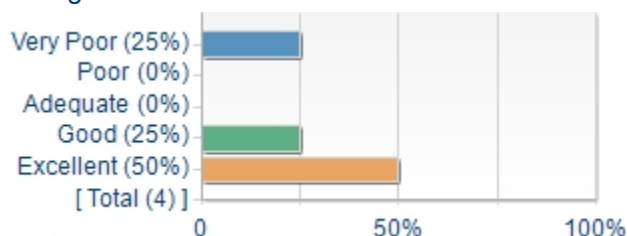| Statistics	Value
Response Count	4

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

Statistics	Value
Response Count	4

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	4

5. The methods of assessment used to evaluate your learning in the course were fair
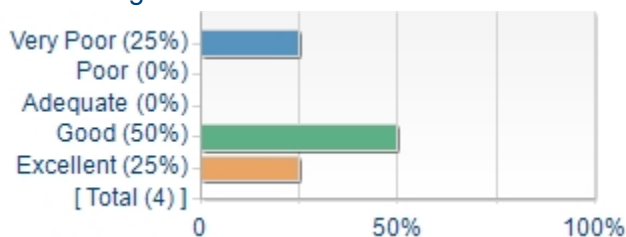
Statistics	Value
Response Count	4

6. The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts)
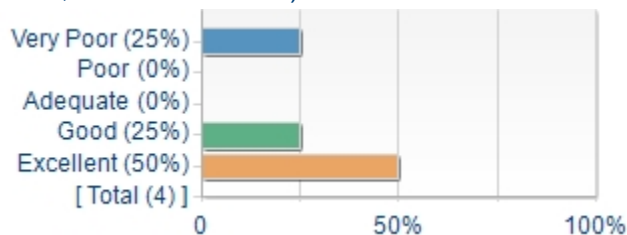
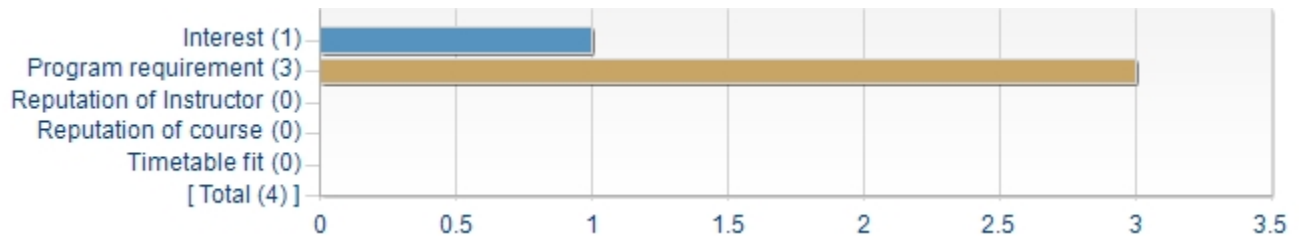| Statistics	Value
Response Count	4

7. Overall, the course offered an effective learning experience
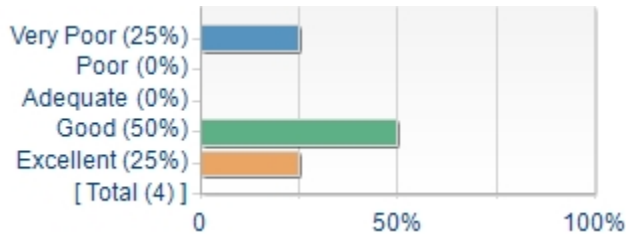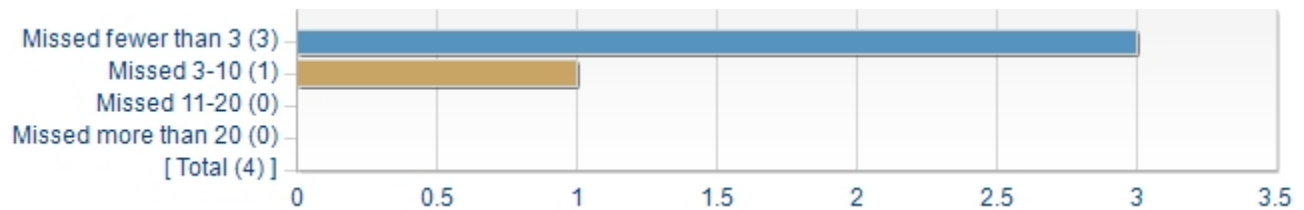

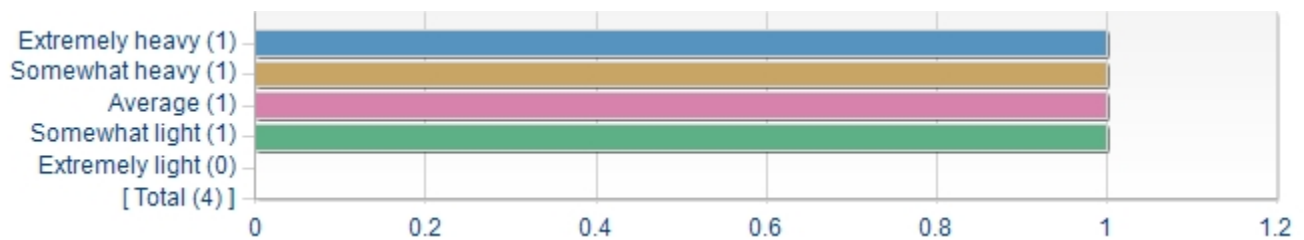| Statistics	Value
Response Count	4

III Statements About The Students:

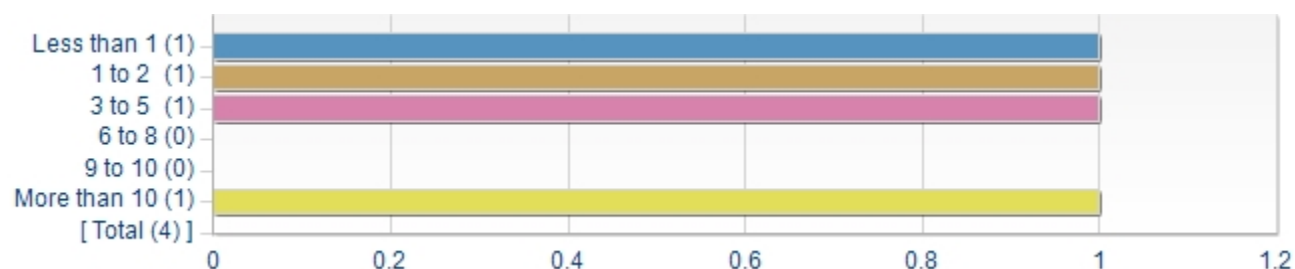## My primary reason for taking the course.

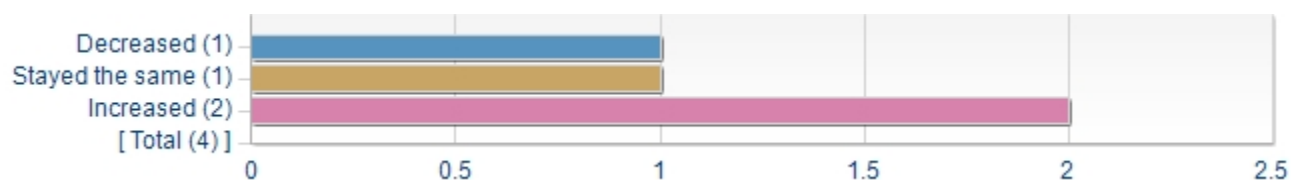## The approximate number of classes or labs that I did not attend

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

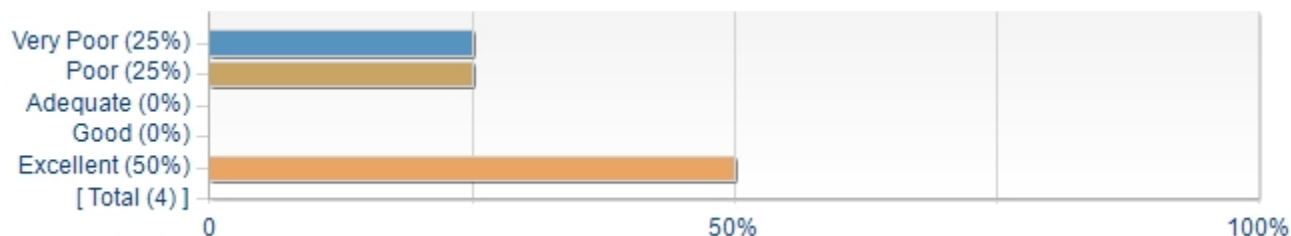**The approximate number of hours per week I spent studying for this course outside of class time:**

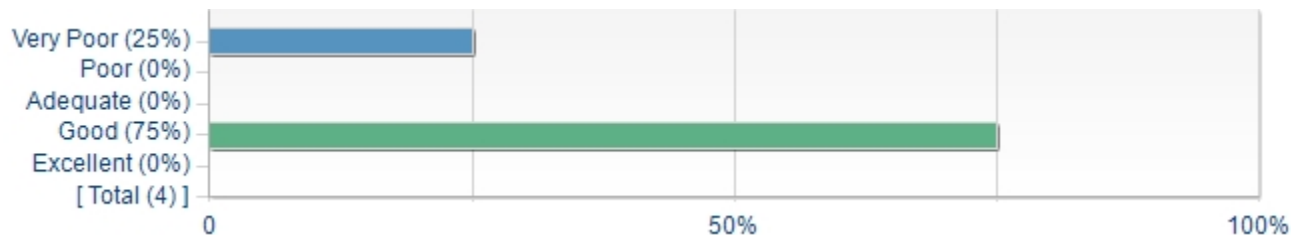**As a result of my experience in this course, my interest in the material:**

IV Additional Statments:

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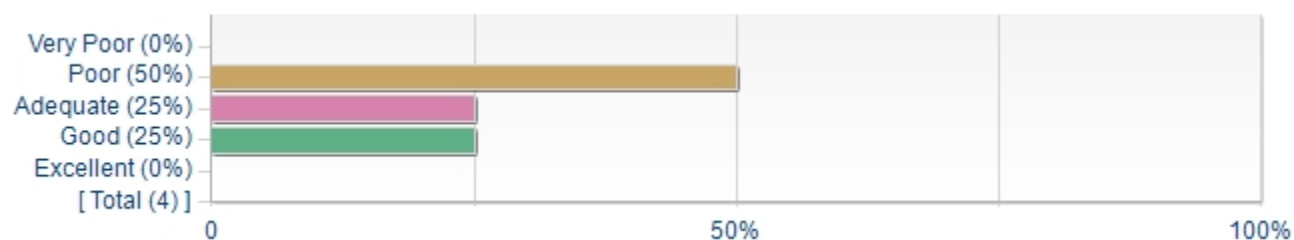

Statistics	Value
Response Count	4

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

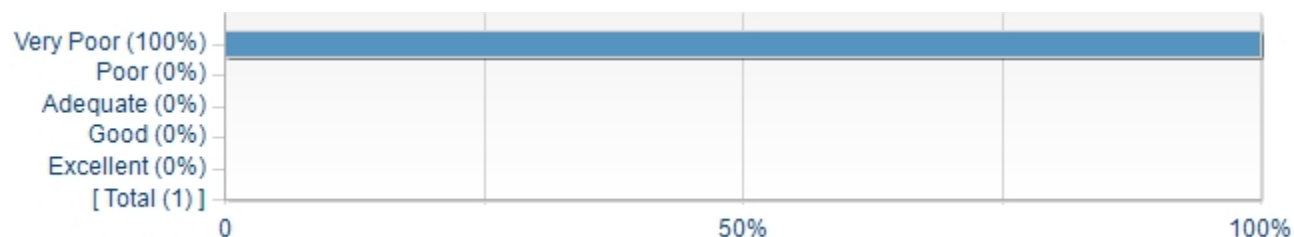| Statistics	Value
Response Count	4

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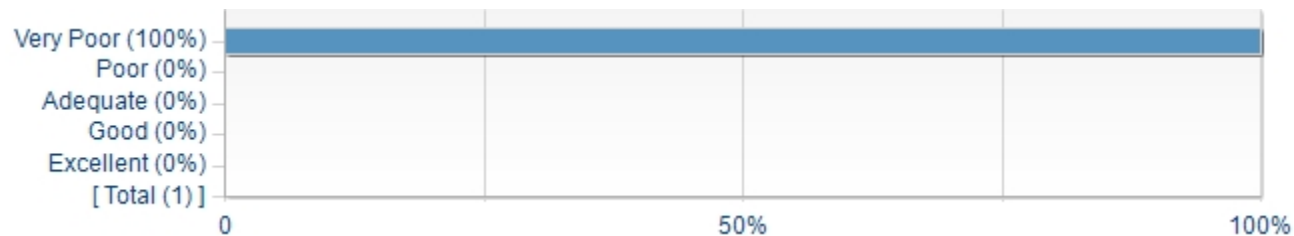

Statistics	Value
Response Count	4

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

Statistics	Value
Response Count	1

(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	1

IIV Student Comments:

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

Comments
Awful hard to manage
Good usage of examples during class, especially when breaking down line by line how different states for variables and scopes change as a program runs.
The assignments, in class work, and mini to–dos provide ample opportunity to grasp the material.

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

Comments
Not provide good praacr
Having a clearer concept of how things are actually working rather than relying on information in a text book which may not be correct. Very frequently a student would have a question and the answer given was "try it and see", usually admitting to not knowing for sure what the end result would be.
It would be somewhat intimidating to ask questions in class because she would sometimes come off as slightly passive aggressive whenever a silly question was asked.

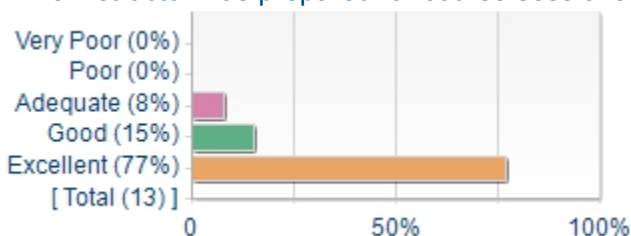## Please provide specific suggestions as to how this course could be improved.

Comments
The textbook for this course stretches the truth quite a few times and can mislead students with less experience. Any student seriously considering Python would be harmed by some of the information in this textbook.

My Instructor gave time in class to complete this survey.

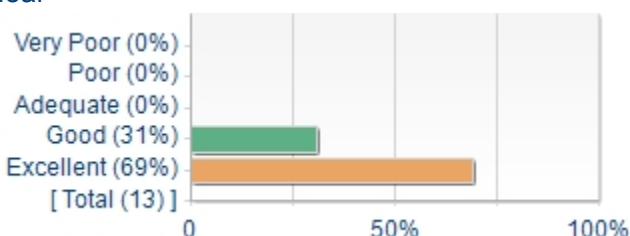| Options	Count	Percentage
Yes	1	25%
No	2	50%
Does not apply (online course, field course, etc.)	1	25%

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

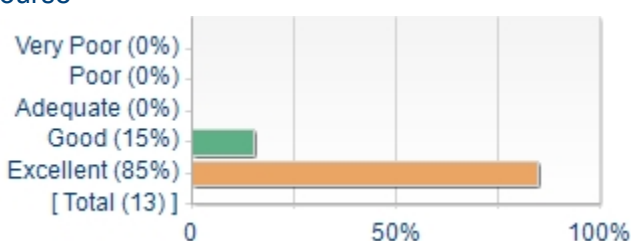### 1. The instructor was prepared for course sessions

Very Poor (0%)
Poor (0%)
Adequate (8%)
Good (15%)
Excellent (77%)
[Total (13)]

Statistics	Value
Response Count	13

2. The instructor's explanations of concepts were clear

Very Poor (0%)
Poor (0%)
Adequate (0%)
Good (31%)
Excellent (69%)
[Total (13)]

Statistics	Value
Response Count	13

3. The instructor motivated you to learn in this course

Very Poor (0%)
Poor (0%)
Adequate (0%)
Good (15%)
Excellent (85%)
[Total (13)]

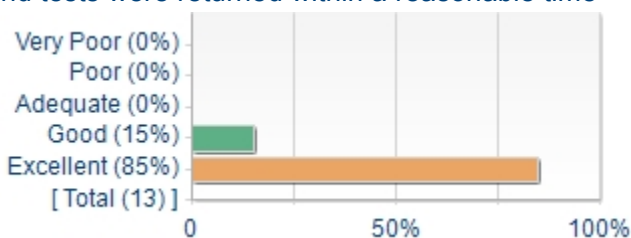| Statistics	Value
Response Count	13

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

Very Poor (0%)
Poor (0%)
Adequate (8%)
Good (15%)
Excellent (77%)
[Total (13)]

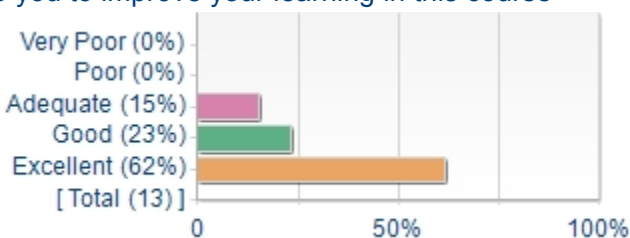| Statistics	Value
Response Count	13

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

Very Poor (0%)
Poor (0%)
Adequate (0%)
Good (15%)
Excellent (85%)
[Total (13)]

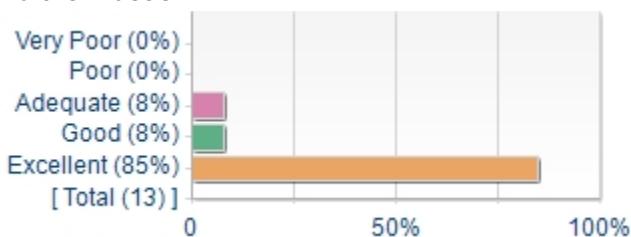| Statistics	Value
Response Count	13

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

Very Poor (0%)
Poor (0%)
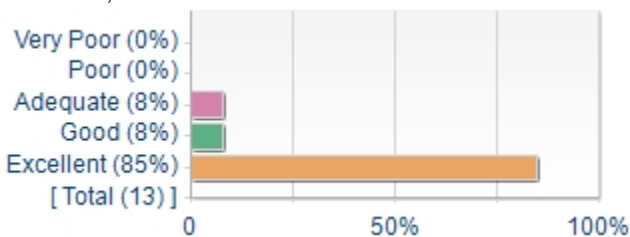Adequate (15%)
Good (23%)
Excellent (62%)
[Total (13)]

Statistics	Value
Response Count	13

7. The instructor demonstrated respect for students and their ideas

Very Poor (0%)
Poor (0%)
Adequate (8%)
Good (8%)
Excellent (85%)
[Total (13)]

Statistics	Value
Response Count	13

8. Overall, the instructor was effective in this course

Very Poor (0%)
Poor (0%)
Adequate (8%)
Good (8%)
Excellent (85%)
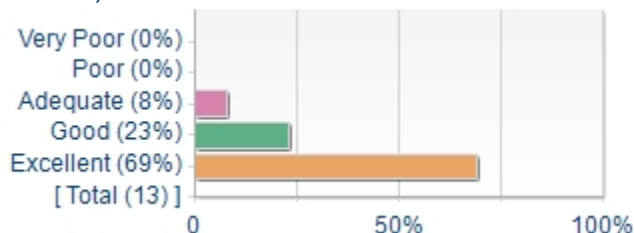[Total (13)]

Statistics	Value
Response Count	13

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

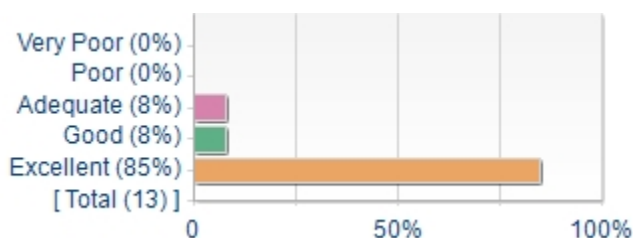### 1. The course structure, goals and requirements were clear

Very Poor (0%)
Poor (8%)
Adequate (0%)
Good (15%)
Excellent (77%)
[Total (13)]

Statistics	Value
Response Count	13

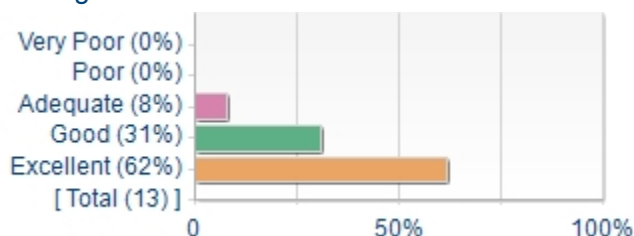### 2. The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear

Very Poor (0%)
Poor (0%)
Adequate (8%)
Good (23%)
Excellent (69%)
[Total (13)]

Statistics	Value
Response Count	13

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

Very Poor (0%)
Poor (0%)
Adequate (8%)
Good (8%)
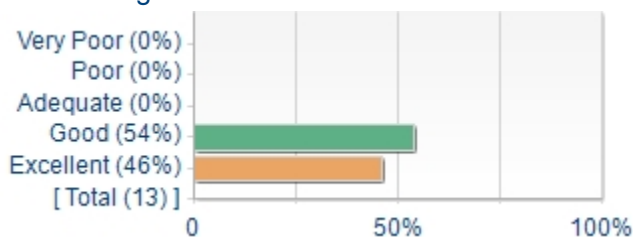Excellent (85%)
[Total (13)]

Statistics	Value
Response Count	13

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
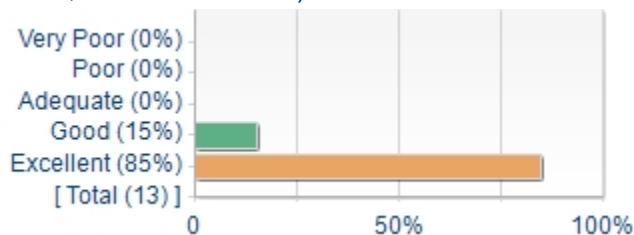
Very Poor (0%)
Poor (0%)
Adequate (8%)
Good (31%)
Excellent (62%)
[Total (13)]

Statistics	Value
Response Count	13

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

Very Poor (0%)
Poor (0%)
Adequate (0%)
Good (54%)
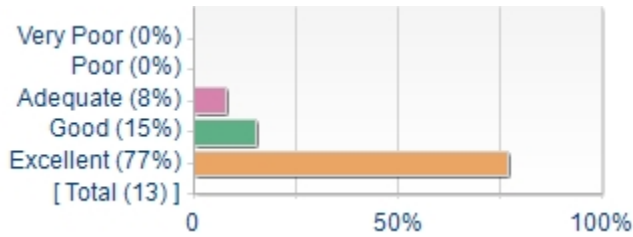Excellent (46%)
[Total (13)]

Statistics	Value
Response Count	13

6. The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts)
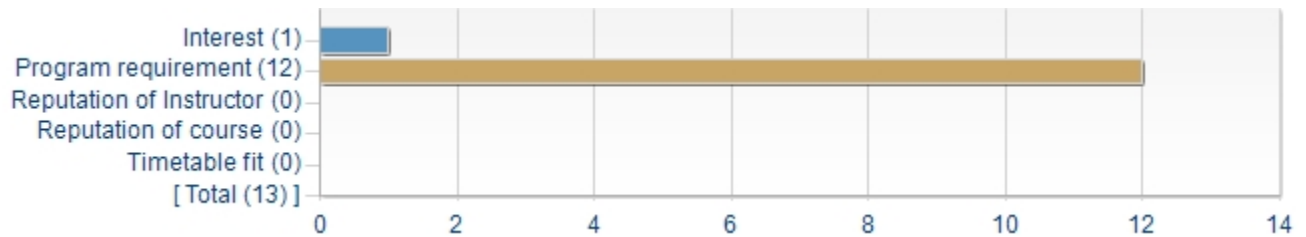
Very Poor (0%)
Poor (0%)
Adequate (0%)
Good (15%)
Excellent (85%)
[Total (13)]

Statistics	Value
Response Count	13

7. Overall, the course offered an effective learning experience
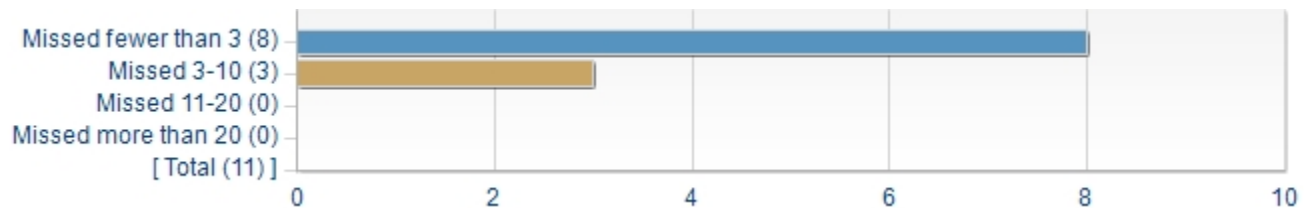

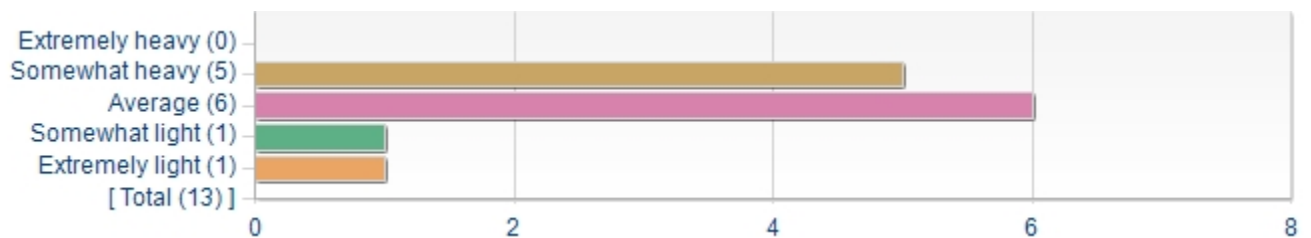| Statistics	Value
Response Count	13

III Statements About The Students:
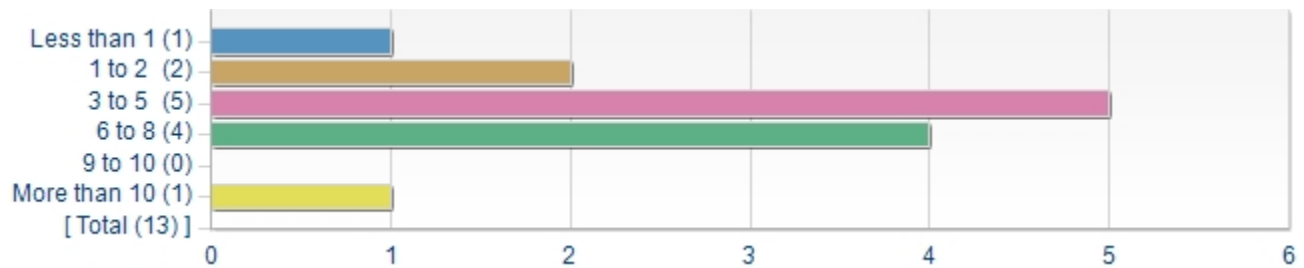
My primary reason for taking the course.

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

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

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

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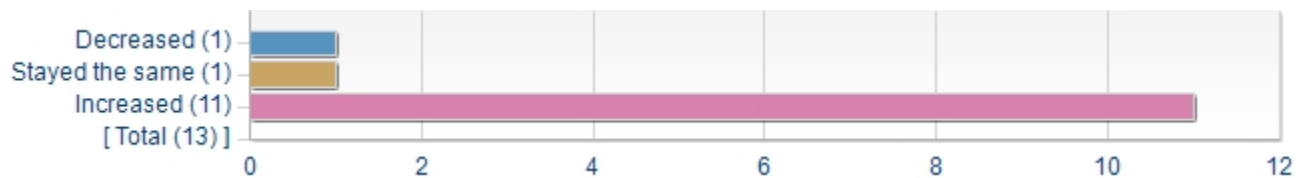
IV Additional Statments:

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

Statistics	Value
Response Count	13

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

Statistics	Value
Response Count	13

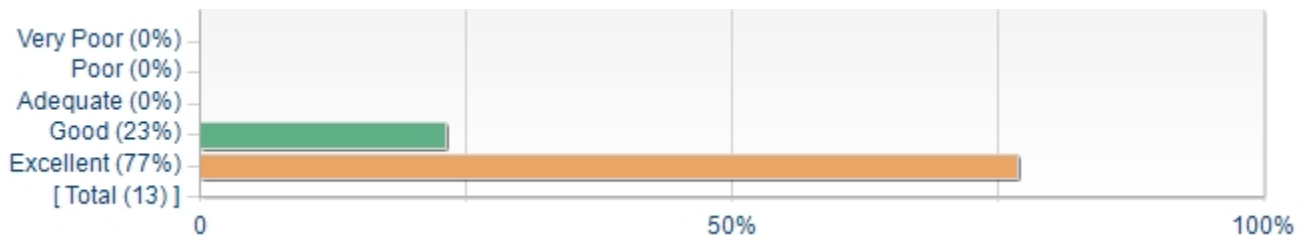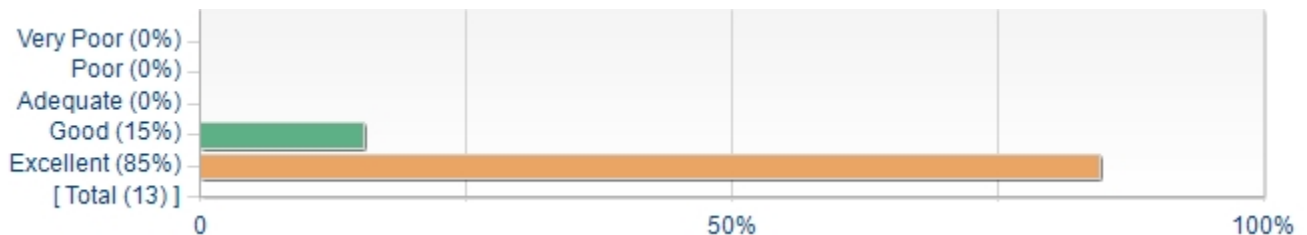## (Courses with labs) The laboratories contributed to my understanding of the course material

Very Poor (0%)
Poor (8%)
Adequate (15%)
Good (31%)
Excellent (46%)
[Total (13)]

Statistics	Value
Response Count	13

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

Very Poor (0%)
Poor (11%)
Adequate (0%)
Good (44%)
Excellent (44%)
[Total (9)]
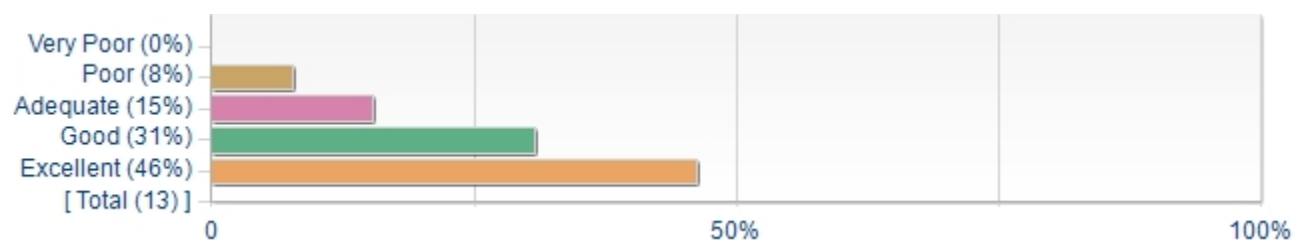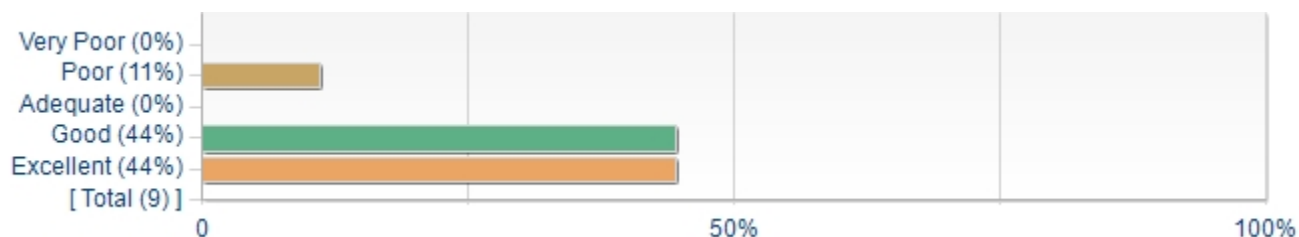
Statistics	Value
Response Count	9

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

Very Poor (0%)
Poor (0%)
Adequate (0%)
Good (50%)
Excellent (50%)
[Total (6)]
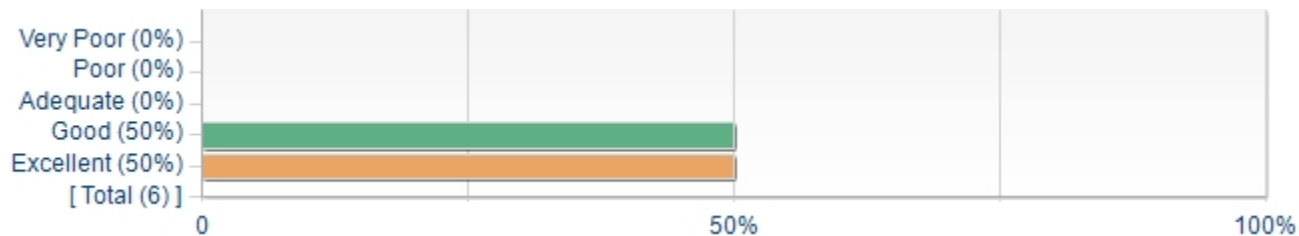
Statistics	Value
Response Count	6

IIV Student Comments:

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

Comments
Celina inspires me to find answer to my questions online, for which the benefit I understand as for long–term learning.
She was well prepared and was very clear in her lectures. Showed us different ways of writing code and made sure we understood.
Very prepared and was teaching oriented
She actually codes in class, and makes us code with her, instead of reading off of the slides like other instructors. She is incredibly knowledgeable and creative with her teaching style and forces us to think outside of the box, think practically, and ask questions that will help us become better programmers. Her assignments are hard work, but extremely beneficial to understand the course concepts. They are not unnecessarily difficult/tricky, but are relevant (tough to do, but very rewarding once complete)
She is the coolest, most helpful, most amazing professor I have ever had. Magic happened in Celina's office hours. I would come in with an assignment that felt not quite possible, then she would sit with me for a minute and everything would make sense. In office hours she spent the whole time circling the table, sitting down with every single person and not leaving them until their questions were answered. There was also one time that I was completely lost on an assignment but could not come and get help because it was a holiday, so she answered all my questions in detail over multiple emails, on a holiday, with words of encouragement in each one. She has a way of making you realize when you know more than you think you do, and she never, ever makes you feel dumb. She is enthusiastic and kind. I went into this class with no experience programming, but also hating programming, I tanked the first midterm and felt lost on everything to the point I was worried about failing. With Celina's help, my scores improved by more than ten percent on every midterm. I have gained so much confidence, and I have learned more in this class than I have ever learned in a college class.
This teacher is the best I have had. She inspires me to be a better person. She has been nothing but amazing to me. I love that she asks a lot of questions and gently guides us towards the answer. She is so thought provoking. Going to her class is such a pleasure. I have to apologize to her as it is my first class of the day and I have shown up late on many occasions and I have not been studying for her class as much as I should as I am taking Calc 2 which takes all of my time and she has had to watch me slowly deteriorate over the last few months due to my other classes. You are such an amazing teacher and I am sorry that I have not been the best student in return.
Dr. Berg is an amazing computer science professor, she clearly explained every concept in python, and helped me understand the material.
Ready to answer and help students learn Effectively prepared in class lecture material and exercises
Very nice and funny, she was good at explaining the material and really approachable in class and in office hours. You could tell she really cared about students succeeding which was really nice. Thanks for a great term!

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

Comments
I understand she's busy with two different lectures taught in two different programming languages. However, she could have inspired students with previous programming experience more. For instance, she could recommend the student to read some more advanced material on their own.
None. She is easily the best prof in the class where I needed it the least.
I don't have anything bad to say about her. She's fantastic! I learned way more and worked much harder in her class than any other computer science prof I've had in the past.
She helped me learn so efficiently, it would be literally impossible for her to do any better. Please never change Celina keep doing you!!
Change nothing! You are a great teacher!
You are truly amazing, I'm so glad to be in your class.
Since this is a intro computer science course, please try not to answer students' question in riddles or with another question because you may make it more confusing for who are totally novice and know nothing about programming.

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

Comments
The AP credit should be more relevant to the specific language learned in the course that could be potentially replaced. For instance, I believe AP Computer Science is taught in Java programming language. However, University of Victoria has the credit challenge option only for CSC 110, which is taught in python language. I understand my words as a grain of salt; however, as someone who cares about the development of this university, I would strongly recommend the department to reconsider some of the course structures and administration.
Class is great at what it aims for.
Knowing that we must pass the final to pass the course is a little stressful. It would also be nice if the lab period could be staffed with another TA to answer students' questions.
I don't have any.
Don't change a thing. A fantastic class which I have not had the chance to enjoy due to my other classes!
Lab contents are quite difficult to complete on time, often unable to receive help. Suggest the course to increase lab TAs per lab to be efficiently answer all questions.
None

My Instructor gave time in class to complete this survey.

Options	Count	Percentage
Yes	5	42%
No	6	50%
Does not apply (online course, field course, etc.)	1	8%