Course Experience Survey Results
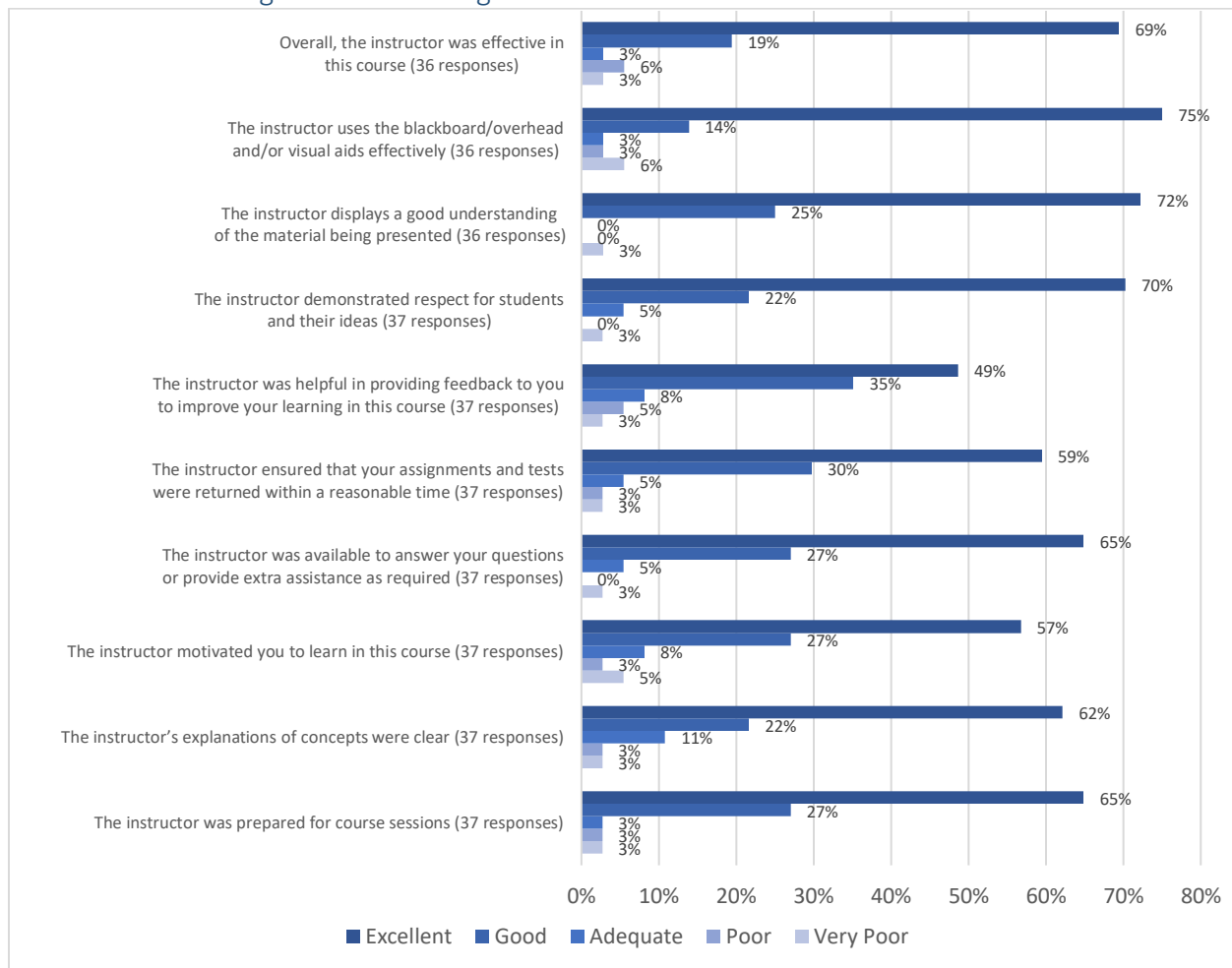## CSC 115 – Fundamentals of Programming II
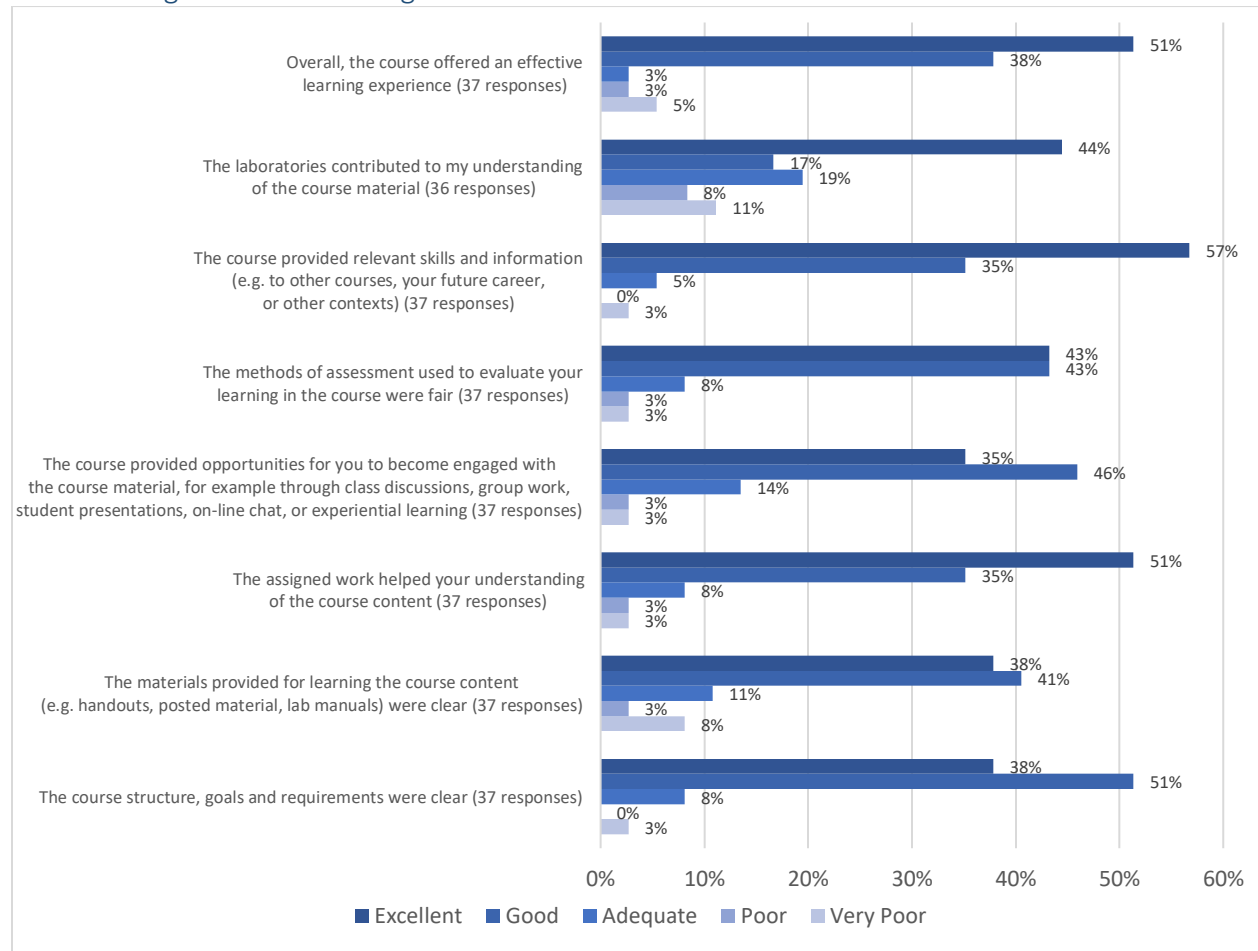### Term: January 2019

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.

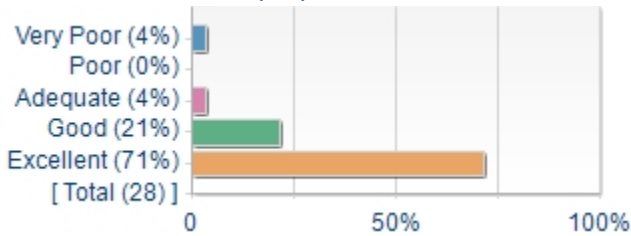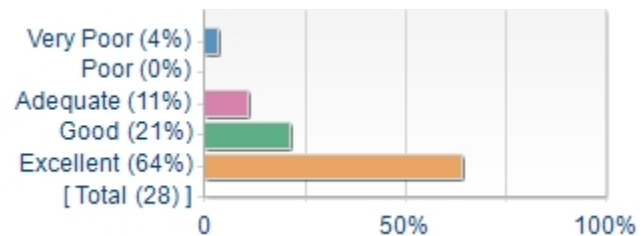## Instructor's Teaching – Student Ratings

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

Statement	Excellent	Good	Adequate	Poor	Very Poor
Overall, the instructor was effective in this course (36 responses)	69%	19%	3%	6%	3%
The instructor uses the blackboard/overhead and/or visual aids effectively (36 responses)	75%	14%	3%	3%	6%
The instructor displays a good understanding of the material being presented (36 responses)	72%	25%	0%	0%	3%
The instructor demonstrated respect for students and their ideas (37 responses)	70%	22%	5%	0%	3%
The instructor was helpful in providing feedback to you to improve your learning in this course (37 responses)	49%	35%	8%	5%	3%
The instructor ensured that your assignments and tests were returned within a reasonable time (37 responses)	59%	30%	5%	3%	3%
The instructor was available to answer your questions or provide extra assistance as required (37 responses)	65%	27%	5%	0%	3%
The instructor motivated you to learn in this course (37 responses)	57%	27%	8%	3%	5%
The instructor's explanations of concepts were clear (37 responses)	62%	22%	11%	3%	3%
The instructor was prepared for course sessions (37 responses)	65%	27%	3%	3%	3%

Course Design – Student Ratings

Overall, the course offered an effective learning experience (37 responses)
- Excellent: 51%
- Good: 38%
- Adequate: 3%
- Poor: 3%
- Very Poor: 5%

The laboratories contributed to my understanding of the course material (36 responses)
- Excellent: 44%
- Good: 17%
- Adequate: 19%
- Poor: 8%
- Very Poor: 11%

The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts) (37 responses)
- Excellent: 57%
- Good: 35%
- Adequate: 5%
- Poor: 0%
- Very Poor: 3%

The methods of assessment used to evaluate your learning in the course were fair (37 responses)
- Excellent: 43%
- Good: 43%
- Adequate: 8%
- Poor: 3%
- Very Poor: 3%

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 (37 responses)
- Excellent: 35%
- Good: 46%
- Adequate: 14%
- Poor: 3%
- Very Poor: 3%

The assigned work helped your understanding of the course content (37 responses)
- Excellent: 51%
- Good: 35%
- Adequate: 8%
- Poor: 3%
- Very Poor: 3%

The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear (37 responses)
- Excellent: 38%
- Good: 41%
- Adequate: 11%
- Poor: 3%
- Very Poor: 8%

The course structure, goals and requirements were clear (37 responses)
- Excellent: 38%
- Good: 51%
- Adequate: 8%
- Poor: 0%
- Very Poor: 3%

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	28
Mean	4.57
Median	5.00
Standard Deviation	0.88

2. The instructor's explanations of concepts were clear

Statistics	Value
Response Count	28
Mean	4.43
Median	5.00
Standard Deviation	0.96

3. The instructor motivated you to learn in this course
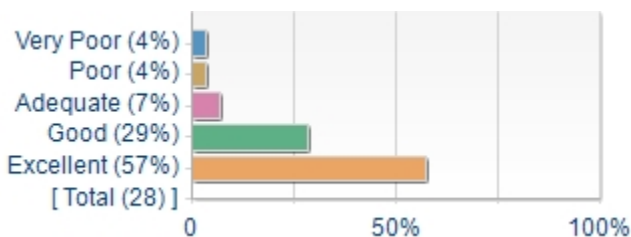
Statistics	Value
Response Count	28
Mean	4.32
Median	5.00
Standard Deviation	1.02

4. The instructor was available to answer your questions or provide extra assistance as required
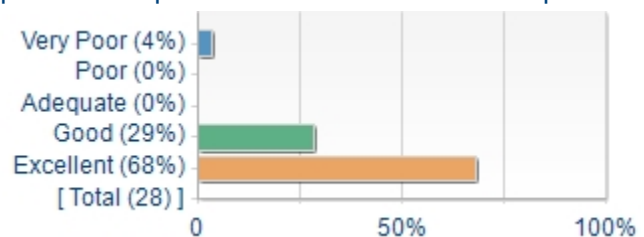
Statistics	Value
Response Count	28
Mean	4.57
Median	5.00
Standard Deviation	0.84

5. The instructor ensured that your assignments and tests were returned within a reasonable time
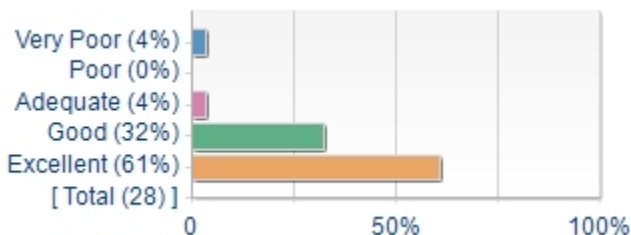
Statistics	Value
Response Count	28
Mean	4.46
Median	5.00
Standard Deviation	0.88

6. The instructor was helpful in providing feedback to you to improve your learning in this course
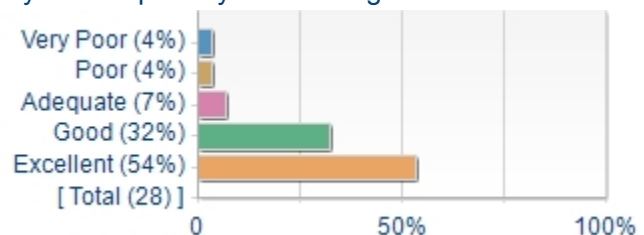
Statistics	Value
Response Count	28
Mean	4.29
Median	5.00
Standard Deviation	1.01

7. The instructor demonstrated respect for students and their ideas
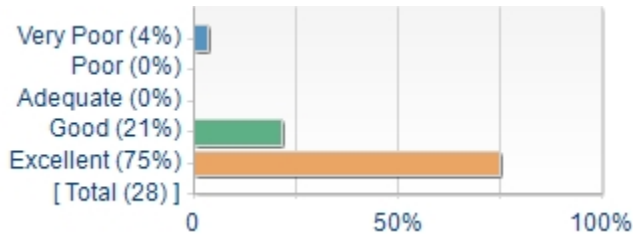
Statistics	Value
Response Count	28
Mean	4.64
Median	5.00
Standard Deviation	0.83

8. Overall, the instructor was effective in this course
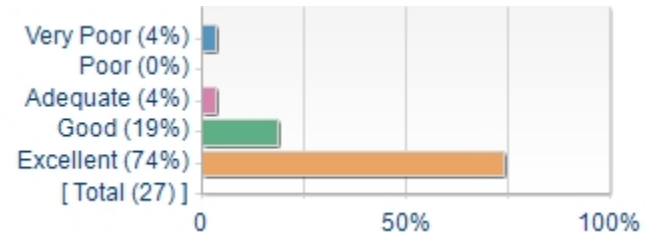
Statistics	Value
Response Count	27
Mean	4.59
Median	5.00
Standard Deviation	0.89

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

1. The course structure, goals and requirements were clear
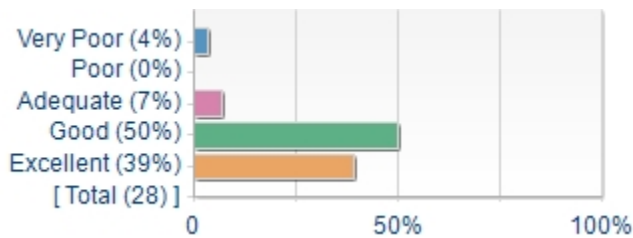
Statistics	Value
Response Count	28
Mean	4.21
Median	4.00
Standard Deviation	0.88

2. The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear
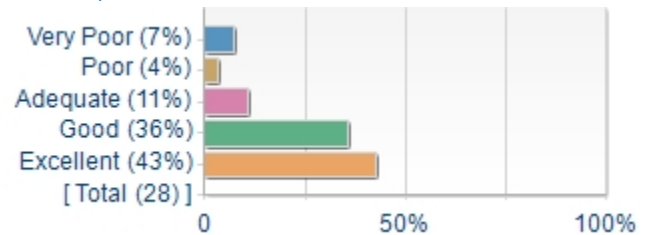
Statistics	Value
Response Count	28
Mean	4.04
Median	4.00
Standard Deviation	1.17

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

Very Poor (4%)
Poor (0%)
Adequate (7%)
Good (36%)
Excellent (54%)
[Total (28)]
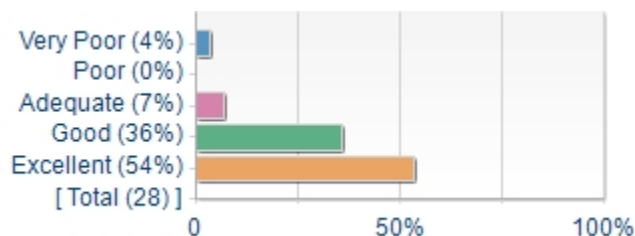
Statistics	Value
Response Count	28
Mean	4.36
Median	5.00
Standard Deviation	0.91

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 (4%)
Poor (0%)
Adequate (11%)
Good (46%)
Excellent (39%)
[Total (28)]
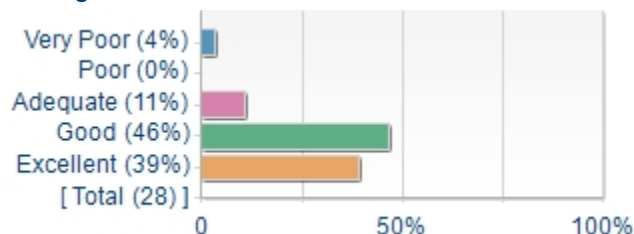
Statistics	Value
Response Count	28
Mean	4.18
Median	4.00
Standard Deviation	0.90

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

Very Poor (4%)
Poor (0%)
Adequate (7%)
Good (46%)
Excellent (43%)
[Total (28)]
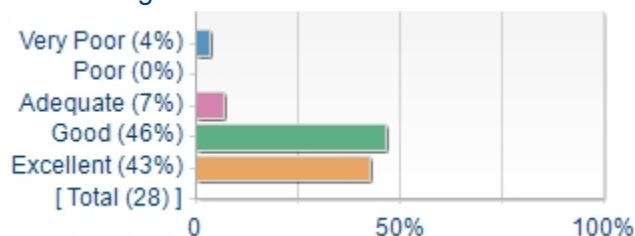
Statistics	Value
Response Count	28
Mean	4.25
Median	4.00
Standard Deviation	0.89

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

Very Poor (4%)
Poor (0%)
Adequate (4%)
Good (32%)
Excellent (61%)
[Total (28)]
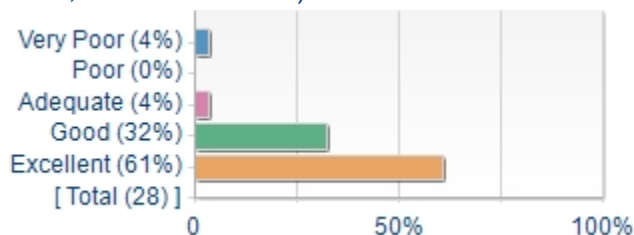
Statistics	Value
Response Count	28
Mean	4.46
Median	5.00
Standard Deviation	0.88

7. Overall, the course offered an effective learning experience

Very Poor (4%)
Poor (0%)
Adequate (4%)
Good (39%)
Excellent (54%)
[Total (28)]
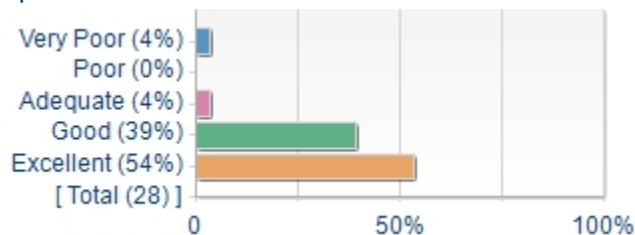
Statistics	Value
Response Count	28
Mean	4.39
Median	5.00
Standard Deviation	0.88

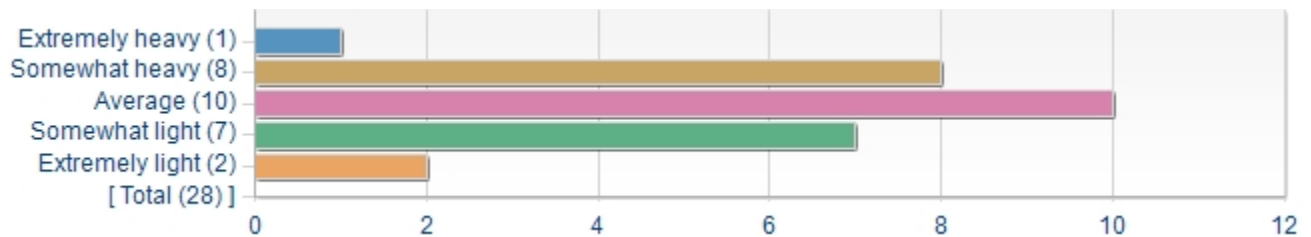## III Statements About The Students:
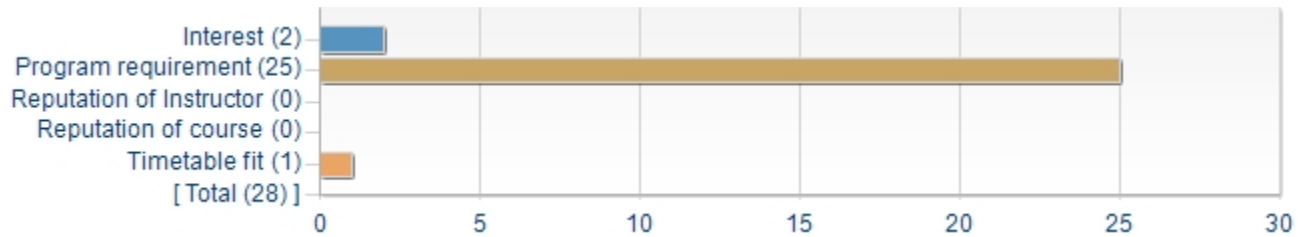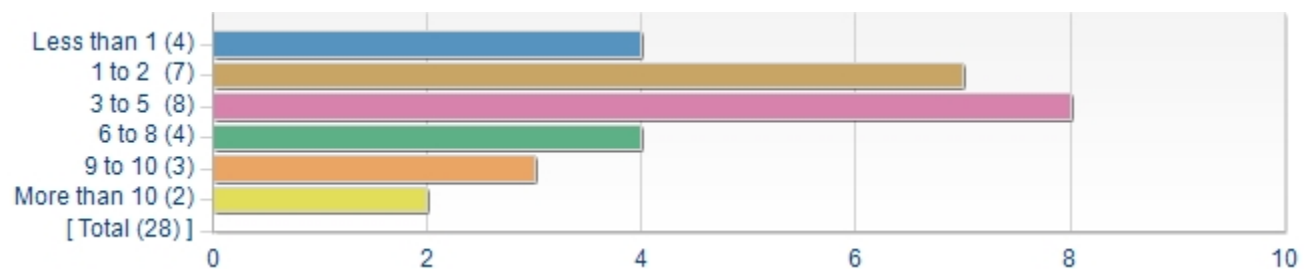
My primary reason for taking the course.

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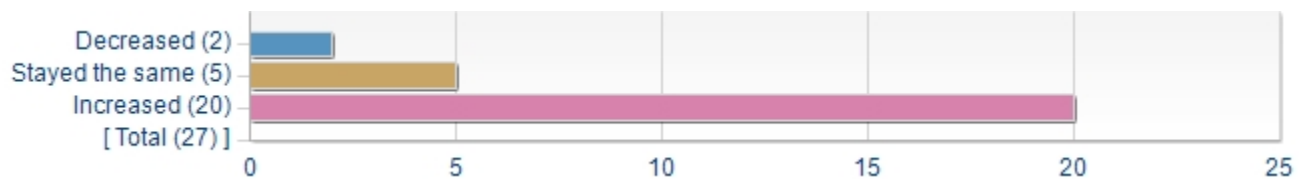

Relative to other courses I have taken at UVic, the workload in this course was

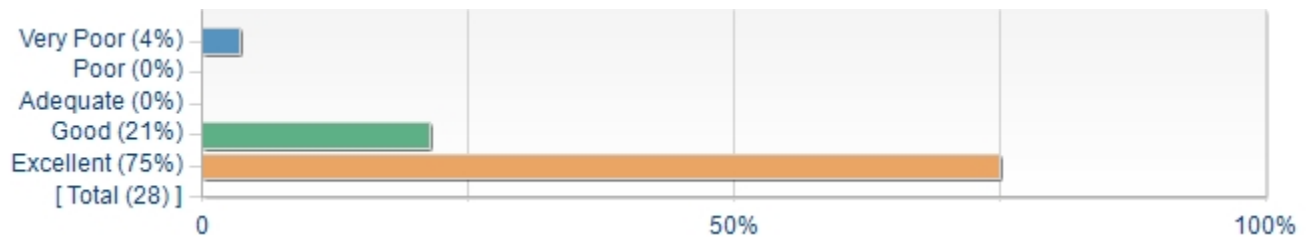**The approximate number of hours per week I spent studying for this course outside of class time:**

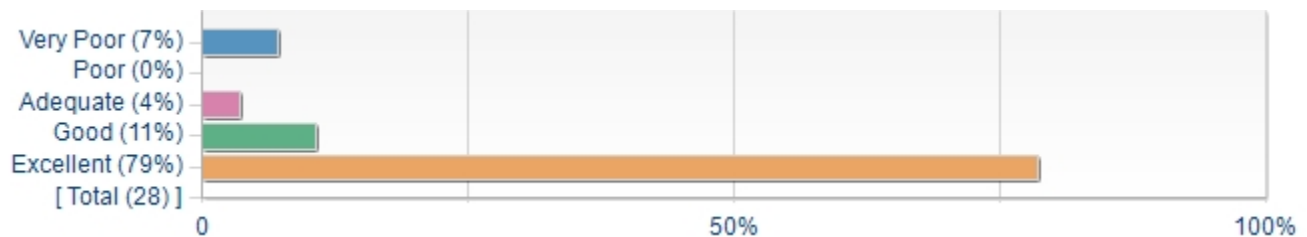**As a result of my experience in this course, my interest in the material:**

IV Additional Statments:

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

Statistics	Value
Response Count	28
Mean	4.64
Median	5.00
Standard Deviation	0.83

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

Statistics	Value
Response Count	28
Mean	4.54
Median	5.00
Standard Deviation	1.10

(Courses with labs) The laboratories contributed to my understanding of the course material
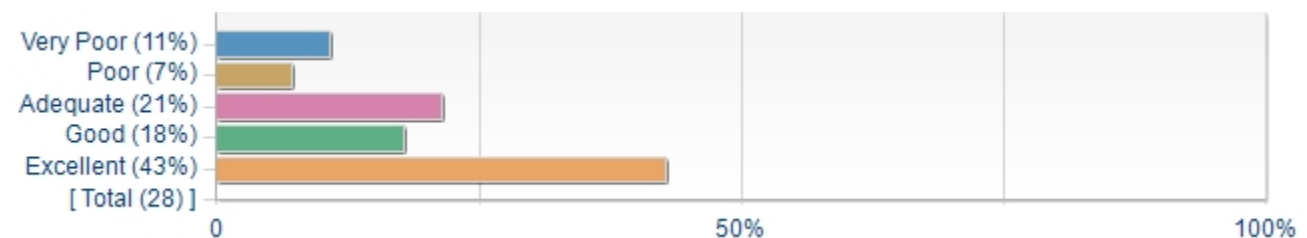
Statistics	Value
Response Count	28
Mean	3.75
Median	4.00
Standard Deviation	1.38

(Courses with tutorials) The tutorials contributed to my understanding of the course material
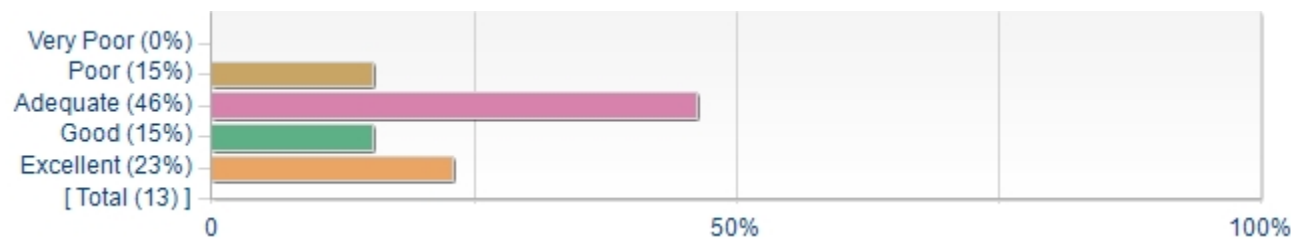
Statistics	Value
Response Count	13
Mean	3.46
Median	3.00
Standard Deviation	1.05

(Courses with a major project, i.e. 20% or more of the final grade) The project contributed to my understanding of the course material
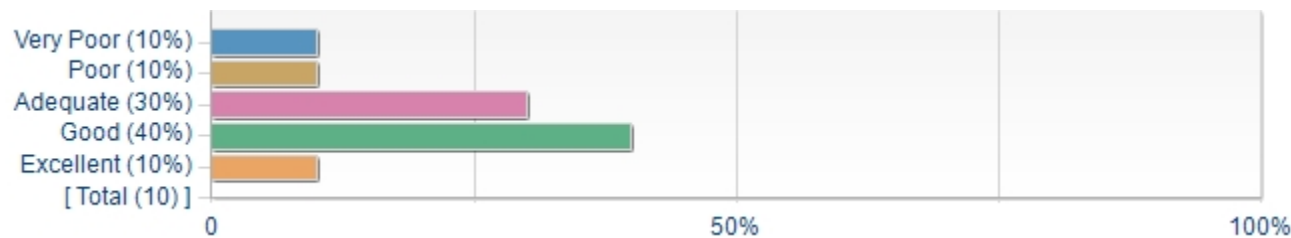
Statistics	Value
Response Count	10
Mean	3.30
Median	3.50
Standard Deviation	1.16

IIV Student Comments:

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

Comments
She was very effective at engaging the class and her follow along coding sessions were helpful in understanding the material. The enthusiasm she brought to the material was refreshing and made class enjoyable.
Celina had a good attitude all the time. I felt like she really cared and got excited when we showed interest/engagement in programming which was great. I felt like she genuinely enjoyed teaching us programming. I enjoyed the prof–student relationship we built. She wrote code at a good pace during lectures and corrected mistakes quickly. Her explanations for concepts along with drawings made sense and increased my understanding. The number of concepts and code during each lecture was paced very nicely. I never felt overwhelmed and only felt lost if I wasn't paying attention to what she was writing. The assignments were challenging and pretty fun to figure out (frustrating if you could not figure it out while also needing to do other homework and classes). I usually finished assignments in 6–10 hours which I feel is very good. I learned a lot while figuring out the assignments on my own during the weekend usually. I liked the teaching on how to find java syntax and how to use the already built in methods available through java.
none
Well prepared and provides good explanation in lectures. She posts the code that we worked on during the lecture and it really helps to study when understanding the concepts more thoroughly.
The instructor's passion for, and knowledge of the course context was evident in her teacher. She had a really positive, enthusiastic attitude toward programming, which made lectures engaging. The 'code along' lecture style was very effective. The instructor encouraged class involvement, and questions, and answered questions on the spot very well. She was really committed to student success, taking the time to write up suggested extra practice problems (To do's). She made herself available to students during office hours, and frequently reminded us of this opportunity for extra help, and encouraged us to attend. I especially appreciated how the instructor did not tolerate students disrupting her class by chatting with their friends. This has been a major problem in all of my courses that most professors just ignore, but Celina handled the situation very professionally.
Eager to teach the class, came every day positive and with a smile, always interacted with the class, answered questions often on the spot, made the class/concepts relatable and easy to understand
Celina Berg is by far the best teacher I have ever had. Her enthusiasm for the subject radiates in her lectures. She is very good at explaining concepts through visual aids and diagrams. She is also very helpful in her office hours.
She knew what she was talking about and engaged the whole class
I love how Celina goes through lots of examples on everything in class. She is my favorite CSC prof. She is always very willing to answer questions for a long time after class. She is very dedicated to her work and I really appreciate her as a prof.
She was constantly trying to engage class with material and give time to write code where ever she could
– her explanations are very clear – I like the way she lectures. Straightforward and inspiring. – she doesn't talk much about course outline and stuff, which is excellent. – she teaches us by coding. I love it because slides are boring. – I also like her quizzes and advice
Class communication, opportunities to follow along, actually writing code during class!
showed us how to write code and also explained the concepts
Celina made not only taught me effectively how to program in Java, but also taught the class how basic data structures and programming fundamentals work. She utilized a mixture of visual drawings and problems that you could work along with to teach the class. She was very open to questions and, although it felt somewhat childish the way she asked questions, gave us a good learning experience. I don't like comparing professors because they often have different teaching methods and teach different material, but after csc 111 last semester my expectations were as low as possible. But my internet in the material wasn't gone after csc111 and I was determined to keep learning cs. Celina Berg completely revitalized what I enjoy about cs.
She's skillful
I really liked how she wrote code and showed us it being compiled. It was sooooo much better than CSC 111.

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

Comments
I think at one point an assignment or maybe lab assignment required generic classes syntax before we learned it. I could be mistaken on if it was generic classes.
Nobody likes pop quizzes but it did make us work harder at trying to figure stuff out on our own. I'd be okay with 1 or 2 more but no more than that. Giving us time in the lecture to try and figure out a method also worked pretty well as long as there is time for it.
She could have given more practice examples for us to work through in class.
Nothing, this is the perfect teacher
– Give us more stuff to do at home. Some challenges would be fun.
In the overhead screens please change from program to program to terminal a bit slower as it is difficult to follow and once one change is missing, following along with a code that does not work makes the rest of the class difficult to understand
hope the testers can be explained more in details
It would be extremely helpful to have example code to demonstrate the syntax of different classes (like post lecture and post lab code). Having more in depth slides would also help.

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

| Comments |
| --- |
| Lab instructor Nirav needs to be replaced as soon as possible. Not helpful at all, throws tantrums when he doesn't get an expected response from the class, seems generally uninterested in providing students with coding help, and is generally blase. Many students would not even engage with him even if they had questions as they didn't want to deal with his negative attitude and bleak responses. |
| More comments in the tester code of assignments to help us understand what it's doing, what it wants, and where each test case is (line number rather than just trial number when a trial fails). |
| Lab content was excellent, however the lab instructors were not great. First, there was no consistency – about 5 different lab instructors over the term. Some were excellent, while others seemed annoyed about being there. On the last week the lab instructor sat quietly at the front for the entirety of the lab and gave no coding example/demonstration. More enthusiastic lab instructors, and consistency in lab instructors would have improved the course. |
| I think this course was structured very, very well and I have no suggestions. |
| Make the assignments weigh more but try to make it so that when you recycle content, the content you upload doesn't have the same dates as when the assignment was first designed |
| Make assignments a little more involved the last couple were good but others were just trivial. Also add bonus stuff to lab so students who are done early are not bored. |
| – Some lab instructors are excellent, but mine is quite boring. I feel like I didn't learn anything from her. |
| BRING STEVE BACK ON FULL–TIME with benefits and a raise! Steve made labs 200% more clear and his active engagement with our lab group had everyone focused and productive. Without him labs are just two hours of self–teaching and being told to google things :(|
| smaller assignments, but let us write the testers and also other files. |
| Give more explaination on the assignment |
| I would have preferred more algorithm learning it was really cool at that one lecture. |

My Instructor gave time in class to complete this survey.

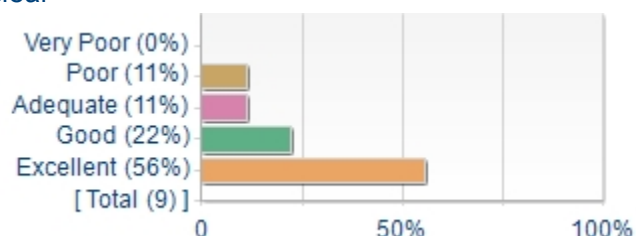| Options	Count	Percentage
Yes	11	52%
No	10	48%
Does not apply (online course, field course, etc.)	0	0%

I Instructor's Teaching - Students' Ratings on the Following Statements:
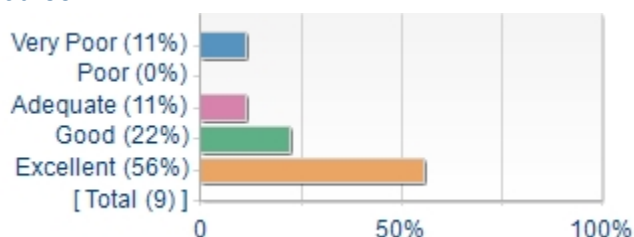
1. The instructor was prepared for course sessions
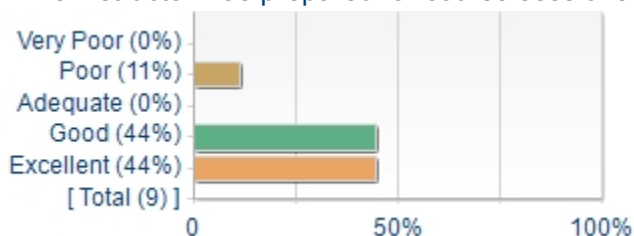
Statistics	Value
Response Count	9
Mean	4.22
Median	4.00
Standard Deviation	0.97

2. The instructor's explanations of concepts were clear

Statistics	Value
Response Count	9
Mean	4.22
Median	5.00
Standard Deviation	1.09

3. The instructor motivated you to learn in this course

Statistics	Value
Response Count	9
Mean	4.11
Median	5.00
Standard Deviation	1.36

### 4. The instructor was available to answer your questions or provide extra assistance as required
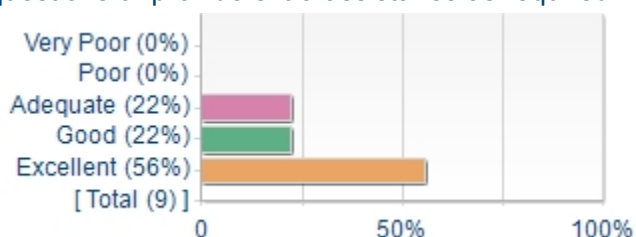
Statistics	Value
Response Count	9
Mean	4.33
Median	5.00
Standard Deviation	0.87

### 5. The instructor ensured that your assignments and tests were returned within a reasonable time
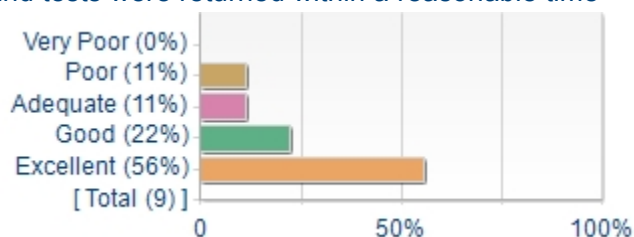
Statistics	Value
Response Count	9
Mean	4.22
Median	5.00
Standard Deviation	1.09

### 6. The instructor was helpful in providing feedback to you to improve your learning in this course
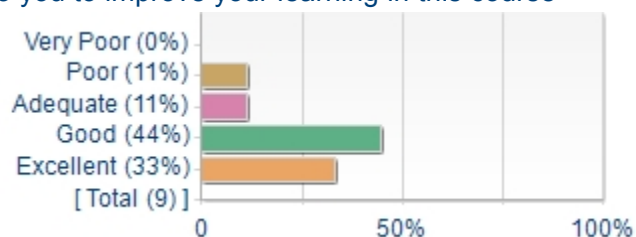
Statistics	Value
Response Count	9
Mean	4.00
Median	4.00
Standard Deviation	1.00

7. The instructor demonstrated respect for students and their ideas
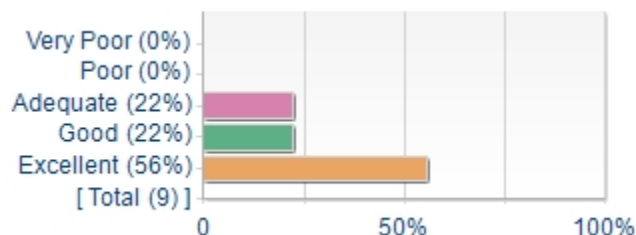
Statistics	Value
Response Count	9
Mean	4.33
Median	5.00
Standard Deviation	0.87

8. Overall, the instructor was effective in this course
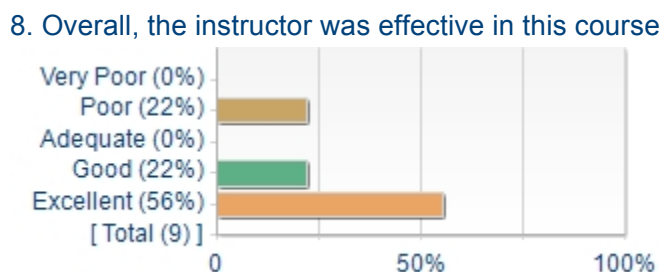
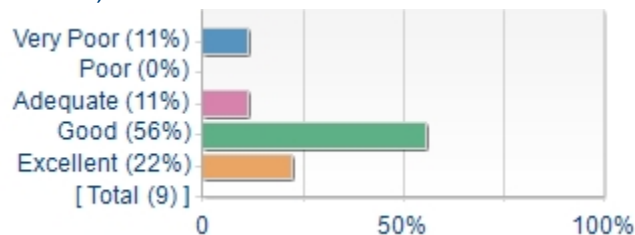| Statistics	Value
Response Count	9
Mean	4.11
Median	5.00
Standard Deviation	1.27

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

1. The course structure, goals and requirements were clear
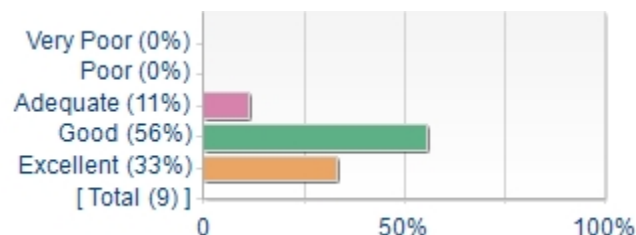
Statistics	Value
Response Count	9
Mean	4.22
Median	4.00
Standard Deviation	0.67

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

Statistics	Value
Response Count	9
Mean	3.78
Median	4.00
Standard Deviation	1.20

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

Very Poor (0%)
Poor (11%)
Adequate (11%)
Good (33%)
Excellent (44%)
[Total (9)]
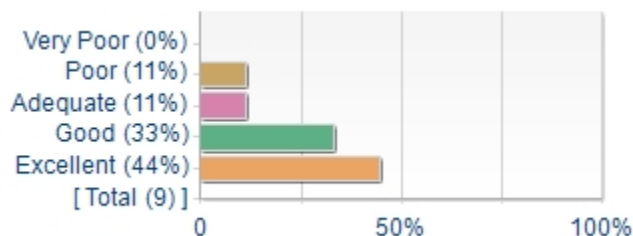
Statistics	Value
Response Count	9
Mean	4.11
Median	4.00
Standard Deviation	1.05

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 (11%)
Adequate (22%)
Good (44%)
Excellent (22%)
[Total (9)]
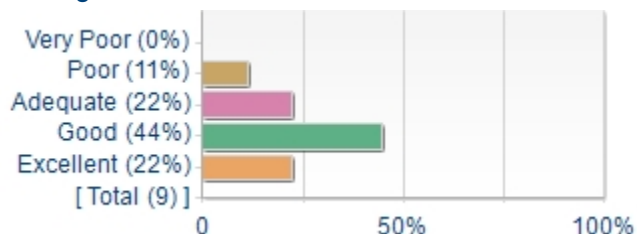
Statistics	Value
Response Count	9
Mean	3.78
Median	4.00
Standard Deviation	0.97

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


Very Poor (0%)
Poor (11%)
Adequate (11%)
Good (33%)
Excellent (44%)
[Total (9)]
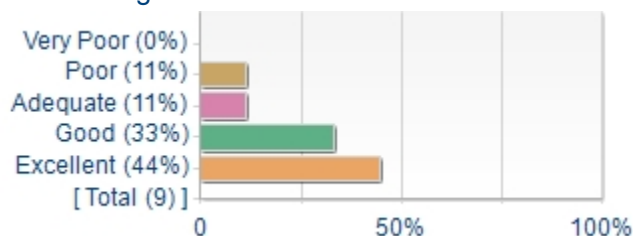
Statistics	Value
Response Count	9
Mean	4.11
Median	4.00
Standard Deviation	1.05

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 (11%)
Good (44%)
Excellent (44%)
[Total (9)]
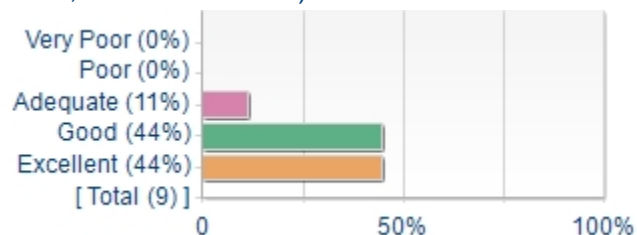
Statistics	Value
Response Count	9
Mean	4.33
Median	4.00
Standard Deviation	0.71

7. Overall, the course offered an effective learning experience

Very Poor (11%)
Poor (11%)
Adequate (0%)
Good (33%)
Excellent (44%)
[Total (9)]
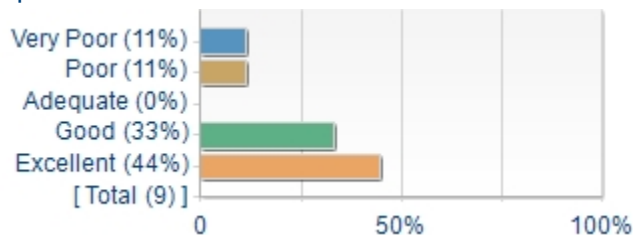
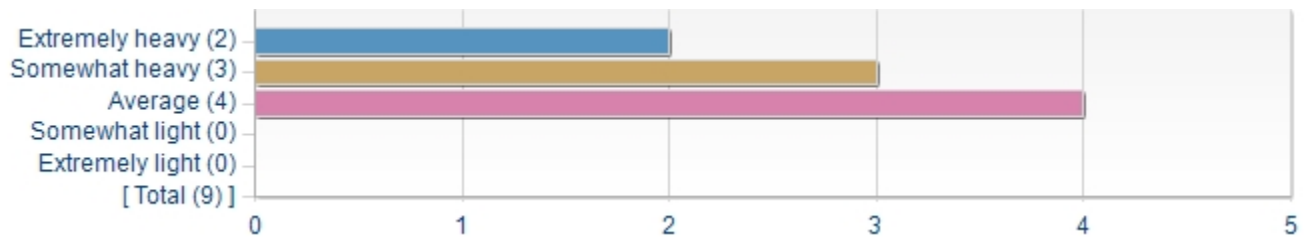| Statistics	Value
Response Count	9
Mean	3.89
Median	4.00
Standard Deviation	1.45

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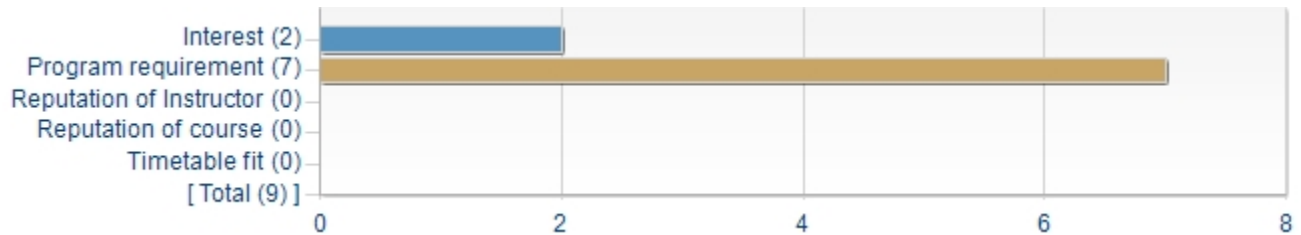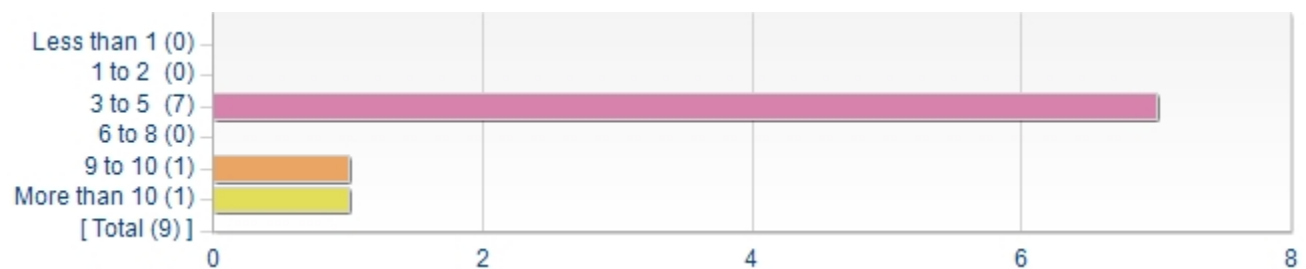
My primary reason for taking the course.

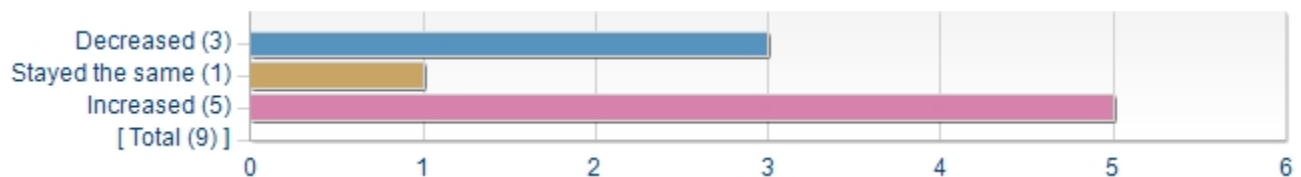**The approximate number of classes or labs that I did not attend**

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:
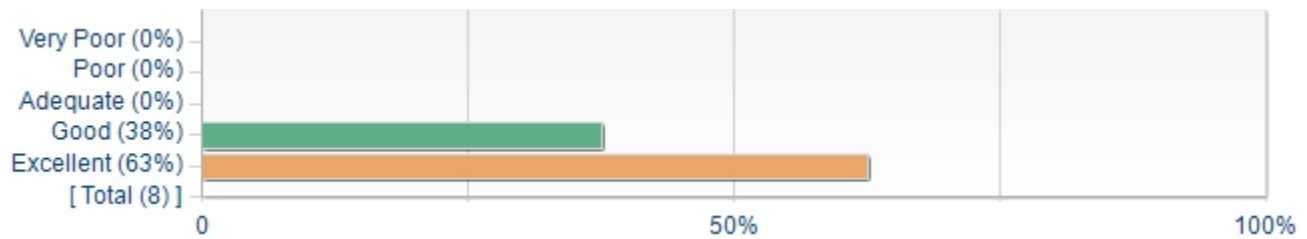

As a result of my experience in this course, my interest in the material:


IV Additional Statments:

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

Very Poor (0%)
Poor (0%)
Adequate (0%)
Good (38%)
Excellent (63%)
[Total (8)]

Statistics	Value
Response Count	8
Mean	4.63
Median	5.00
Standard Deviation	0.52

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

Very Poor (0%)
Poor (13%)
Adequate (0%)
Good (25%)
Excellent (63%)
[Total (8)]
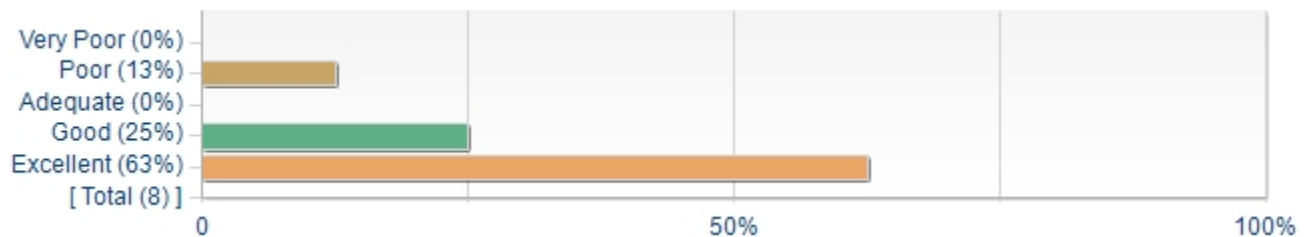
Statistics	Value
Response Count	8
Mean	4.38
Median	5.00
Standard Deviation	1.06

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

Very Poor (13%)
Poor (13%)
Adequate (13%)
Good (13%)
Excellent (50%)
[Total (8)]
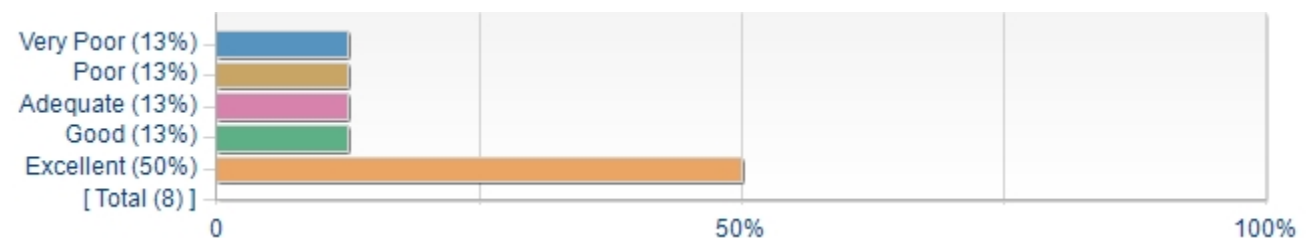
Statistics	Value
Response Count	8
Mean	3.75
Median	4.50
Standard Deviation	1.58

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

Statistics	Value
Response Count	2
Mean	5.00
Median	5.00
Standard Deviation	0.00

(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	2
Mean	4.50
Median	4.50
Standard Deviation	0.71
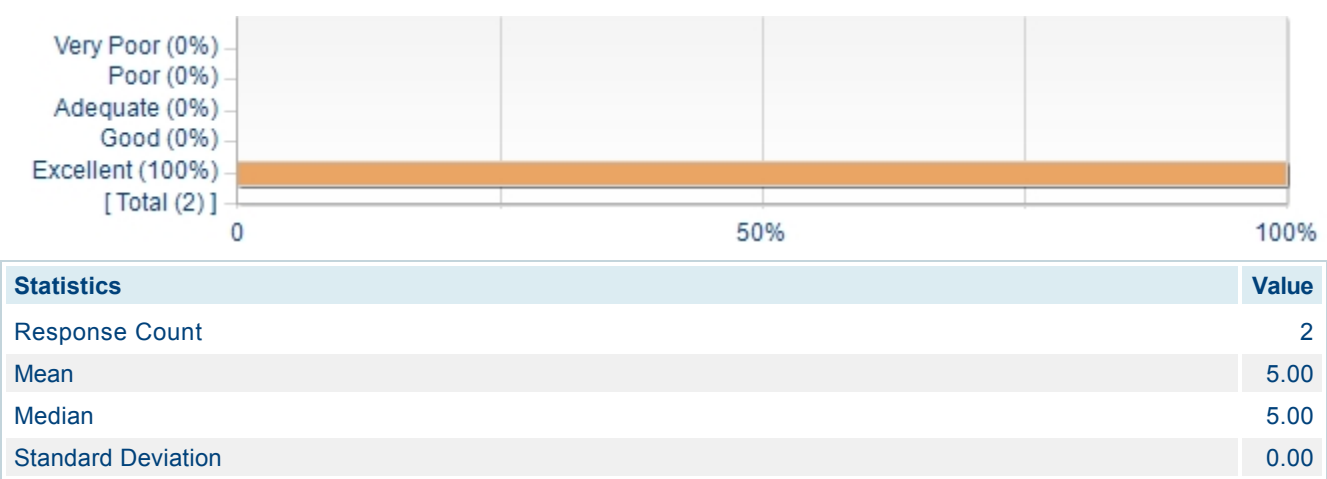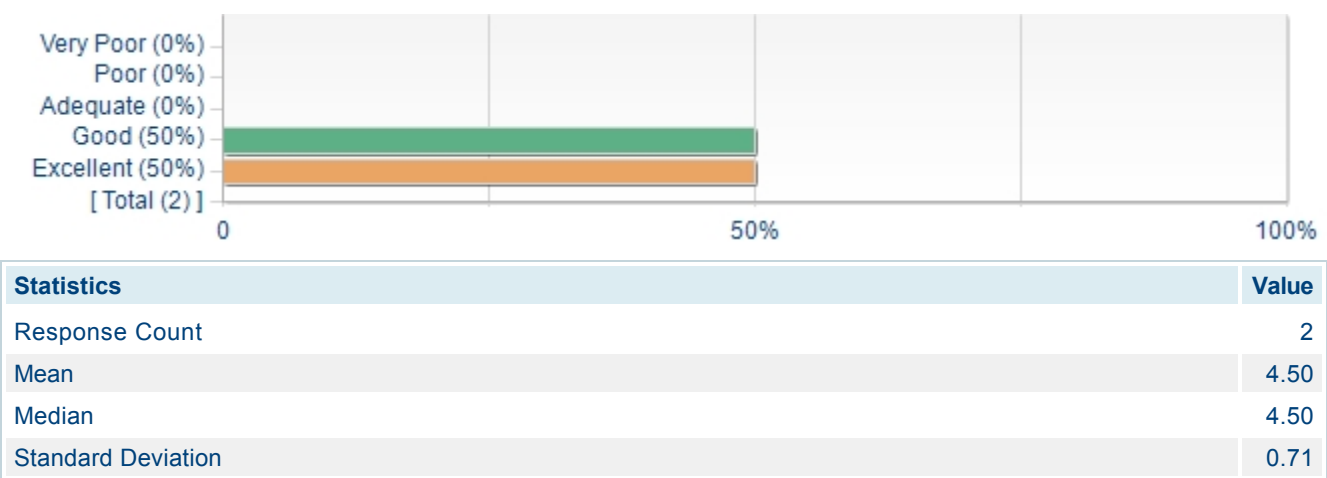
IIV Student Comments:

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

Comments
She knew her stuff. It was obvious from day one that this was a professor who knew her material and it showed.
Super positive and fun, eager to help students
Celina did great engaging students. Celina is very nice and patient.
She possesses an excellent ability to keep students engaged throughout the lectures. Every lecture was well structured, thought out and a fun challenge.
The print–outs she supplied for class were very helpful in following what she was explaining

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

Comments
Programming comes very slow to me and sometimes the rate at which things are being taught I feel I get left behind. Now I know office hours are there but I get so lost that I don't even know what to ask without essentially needing the whole lecture explained again. Because of this course I think I need to rethink my major
There is no room for improvement here, 11/10!

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

Comments
The lab manuals need to be more clear
I am lucky enough to own a laptop so I can follow along through the lectures and get instant feedback from the code I am writing. Some are not so fortunate, is it possible to upgrade a lecture theatre to have some computer stations? I think this would definitely benefit future students (although understandably a huge cost).

My Instructor gave time in class to complete this survey.

Options	Count	Percentage
Yes	3	38%
No	2	25%
Does not apply (online course, field course, etc.)	3	38%