

UVic Course Experience Survey Results

Celina Berg - FUNDAMENTALS OF PROGRAMMING (CRN 10718)

| UVic Course Experience Survey - Fall 2014/Spring 2015 | |
|---|----------|
| Raters | Students |
| Responded | 21 |
| Invited | 54 |
| Response Ratio | 39% |

I Instructor's Teaching - Students' Ratings:

| | Very Poor | Poor | Adequate | Good | Excellent | Count | Mean | SD | Median |
|---|-----------|------|----------|------|-----------|-------|------|------|--------|
| The instructor was prepared for course sessions | 0 % | 0 % | 5 % | 33 % | 62 % | 21 | 4.57 | 0.60 | 5.00 |
| The instructor's explanations of concepts were clear | 0 % | 0 % | 19 % | 14 % | 67 % | 21 | 4.48 | 0.81 | 5.00 |
| The instructor motivated you to learn in this course | 0 % | 0 % | 14 % | 19 % | 67 % | 21 | 4.52 | 0.75 | 5.00 |
| The instructor was available to answer your questions or provide extra assistance as required | 5 % | 0 % | 5 % | 14 % | 76 % | 21 | 4.57 | 0.98 | 5.00 |
| The instructor ensured that your assignments and tests were returned within a reasonable time | 0 % | 0 % | 14 % | 24 % | 62 % | 21 | 4.48 | 0.75 | 5.00 |
| The instructor was helpful in providing feedback to you to improve your learning in this course | 0 % | 0 % | 10 % | 33 % | 57 % | 21 | 4.48 | 0.68 | 5.00 |
| The instructor demonstrated respect for students and their ideas | 0 % | 0 % | 5 % | 14 % | 81 % | 21 | 4.76 | 0.54 | 5.00 |
| Overall, the instructor was effective in this course | 0 % | 0 % | 5 % | 29 % | 67 % | 21 | 4.62 | 0.59 | 5.00 |

II Course Design - Students' Ratings:

| | Very Poor | Poor | Adequate | Good | Excellent | Count | Mean | SD | Median |
|--|-----------|------|----------|------|-----------|-------|------|------|--------|
| The course structure, goals and requirements were clear | 0 % | 0 % | 19 % | 38 % | 43 % | 21 | 4.24 | 0.77 | 4.00 |
| The materials provided for learning the course content (e.g. handouts, posted material, lab manuals) were clear | 0 % | 0 % | 33 % | 29 % | 38 % | 21 | 4.05 | 0.86 | 4.00 |
| The assigned work helped your understanding of the course content | 0 % | 0 % | 5 % | 33 % | 62 % | 21 | 4.57 | 0.60 | 5.00 |
| 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 | 0 % | 0 % | 14 % | 33 % | 52 % | 21 | 4.38 | 0.74 | 5.00 |

| | Very Poor | Poor | Adequate | Good | Excellent | Count | Mean | SD | Median |
|--|-----------|------|----------|------|-----------|-------|------|------|--------|
| experiential learning | | | | | | | | | |
| The methods of assessment used to evaluate your learning in the course were fair | 0 % | 5 % | 10 % | 48 % | 38 % | 21 | 4.19 | 0.81 | 4.00 |
| The course provided relevant skills and information (e.g. to other courses, your future career, or other contexts) | 0 % | 0 % | 10 % | 52 % | 38 % | 21 | 4.29 | 0.64 | 4.00 |
| Overall, the course offered an effective learning experience | 0 % | 0 % | 10 % | 33 % | 57 % | 21 | 4.48 | 0.68 | 5.00 |

III Statements About The Students:

| | Interest | Program requirement | Reputation of Instructor | Reputation of course | Timetable fit |
|--|----------|---------------------|--------------------------|----------------------|---------------|
| My primary reason for taking the course. | 1 | 20 | 0 | 0 | 0 |

| | < 3 | 3 - 10 | 11 - 20 | >20 | n/a |
|--|-----|--------|---------|-----|-----|
| The approximate number of classes or labs that I did not attend | 12 | 7 | 1 | 0 | 0 |

| | Extremely heavy | Somewhat heavy | Average | Somewhat light | Extremely light |
|---|-----------------|----------------|---------|----------------|-----------------|
| Relative to other courses I have taken at UVic, the workload in this course was | 0 | 6 | 13 | 2 | 0 |

| | < 1 | 1 <= 2 | 2 <= 5 | 5 <= 8 | 8 <= 10 | > 10 |
|--|-----|--------|--------|--------|---------|------|
| The approximate number of hours per week I spent studying for this course outside of class time: | 2 | 3 | 10 | 3 | 1 | 2 |

| | Decreased | Stayed the same | Increased |
|---|-----------|-----------------|-----------|
| As a result of my experience in this course, my interest in the material: | 2 | 5 | 14 |

IV Additional Statments:

Department of Computer Science, Electrical & Computer Engineering, Mechanical Engineering, Software Engineering Questions

| | Very Poor | Poor | Adequate | Good | Excellent | Count | Mean | SD | Median |
|---|-----------|------|----------|------|-----------|-------|------|------|--------|
| The instructor Celina Berg displays a good understanding of the material being presented | 0 % | 0 % | 0 % | 24 % | 76 % | 21 | 4.76 | 0.44 | 5.00 |
| The instructor Celina Berg uses the blackboard/overhead and/or visual aids effectively | 0 % | 5 % | 5 % | 29 % | 62 % | 21 | 4.48 | 0.81 | 5.00 |

| | Very Poor | Poor | Adequate | Good | Excellent | Count | Mean | SD | Median |
|--|-----------|------|----------|------|-----------|-------|------|------|--------|
| (Courses with labs) The laboratories contributed to my understanding of the course material | 10 % | 10 % | 19 % | 38 % | 24 % | 21 | 3.57 | 1.25 | 4.00 |
| (Courses with tutorials) The tutorials contributed to my understanding of the course material | 0 % | 0 % | 29 % | 57 % | 14 % | 7 | 3.86 | 0.69 | 4.00 |
| (Courses with a major project, i.e. 20% or more of the final grade) The project contributed to my understanding of the course material | 0 % | 0 % | 33 % | 33 % | 33 % | 6 | 4.00 | 0.89 | 4.00 |

IIV Student Comments:

Which aspects of **Celina Berg** teaching have you found to be the most useful to you so far this term? Please give examples.

| Comment |
|--|
| She is very encouraging and positive. Celina takes advantage of the small class size to check in with students one on one. She draws diagrams and encourages students to ask questions. |
| She was extremely good at explaining new concepts and showing us how to study the material. Coding in class made it more like a tutorial and it really solidified the concepts taught in class. The fact that she wanted all the students to do well really helped in the motivation to do the assignments and do well on the exams. Best professor I've have this term hands down! |
| Extremely friendly and approachable |
| Celina took an interest in all of her students learning. She knew our names, and engaged everyone in the class for the full 50 mins. This was by far my favourite lecture of the semester, thanks to Celina's teaching style. She kept the class interesting by using many different teaching techniques: short and informative powerpoints, code examples where we went through code implementation with her explaining her process and answering questions, and giving us problems to work on during which she walked around the lecture hall to help. She always made herself available to help and it felt like she really cared about us. Thanks so much Celina!! |
| Great examples, answers any questions very well. |
| Extremely helpful, encouraging, patient, outstandingly attentive. |
| She is very interactive with the class when she's teaching, which makes the class extremely enjoyable to attend. She is also extremely flexible and helpful with her office hours. I would not have done as well in the course without all of her help. All of this included with her kind nature make her extremely approachable - she's probably the best prof I've had at UVIC. |
| She has great power point slides posted online for reference later. She also posts code that is used as demonstration during the lectures so you can test it out for your own. Overall she had a very good set of resources to reference. |
| she would spend a lot of time going trough stuff in detail, which helped me to understand the course material |
| Celina was energetic and excited about the subject. She would give us a problem to solve and we would come around and check with almost every student how they were doing and then go through possible ways to solve it on the overhead projector. She was very engaging in class and always there for any extra help outside of class time. Most of all, Celina cared about the students. She understood where concepts could be confusing and did everything possible to make it clear for everyone. Her dedication to furthering the learning of the students in this class should be commended, not only because of her personality and fun-loving spirit, but her energy and commitment to us as students to learn the material. She has taught me more and opened my mind to enjoying computer science rather than despising it. I wish I could have Celina as my professor for every class I ever take. |
| Interacts with the class very well. Actually cares a bouts students understanding of material. |
| She explains news materials very clearly. |
| Super good at explaining everything in lecture, and engaging everyone in the lecture. |
| Very enthusiastic about teaching. She is willing to go above and beyond the call of duty if she sees how hard students are working. This includes staying late hours to meet with students, answering emails over the weekends and even sending follow up emails checking to see if we need any further assistance. |

Has anything hindered your learning in this course? If yes, please explain and suggest what might be done differently.

| Comment |
|--|
| my previous knowledge |
| I wish that there was a textbook or some kind if reference material that could be used rather than just relying on google. |

-she did not answer questions much, rather said that go experiment instead. that is not feasible with 5-6 classes: not time every day to play around. her suggestion would be feasible with a light course load only

The set-up of the lab sessions could be improved to have more group work so that students don't feel neglected and therefore unmotivated to do the show up to the lab or do the lab work.

The labs seem extremely difficult compared to the lectures and assignments. I struggled with almost every lab, but managed to do the assignments with very little difficulty. This might have been because I had the lab on Monday and only got one lecture on the lab topics usually before doing it.

The labs were slightly above the level of understanding provided. I know they are trying to make the labs interesting but they became very "wordy" and difficult to perform.

Do you have any other specific suggestions to help future students in this course?

Comment

Code every week, not just when assignments are due. Even just a few minutes every other day helps the material sink in.

practice, do the assignments

Don't skip class! The lectures can't be replaced with reading up on a subject on the internet.

Start work on the assignments early! Ask questions in office hours! Celina is so helpful in office hours!

-program less in class, spend more time on theory

-answer all questions as they come up (if they are related to class material)

-provide better assignment descriptions

Attend office hours and work with other students, not to copy each others work, but to brainstorm ideas of how to tackle problems with different solutions.

Maybe make the labs slightly easier