Course Evaluation Report

Dear Faculty Member,

The Student Rating of Instruction system is now closed for the courses listed and your grades should all be submitted. If they are not, please work with the registrar's office immediately to submit your grades. Your detailed survey results are shown below.

Term	Division	Department	Course ID	Course	Description	Professor	Evaluations Taken	Total Enrollment	% Complete
201320 TC		CSE	CS 3370 001	13682	C plus plus Software Develop	Charles D. Allison	34	37	91.9

Demographics

	Total 0

Description	Response Total	Response Percent
Class Standing		
Senior	21	
Junior	12	
Sophomore	1	
Crse req'd for program?		
Elective	17	
Required	14	
Both	3	
Crse Requirement		
My Major	33	

Instructor

	Total 272	Strongly Agree 88	Agree(%) 11	Neutral(%) 1	Disagree(%) 0	Strongly Disagree(%) 0	Avg 4.88	Std Dev 0.35

Description	Total	Strongly Agree	Agree(%)	Neutral(%)	Disagree(%)	Strongly Disagree(%)	Avg	Std Dev
Organized	34	82	18				4.82	0.38
Respectful	34	88	12				4.88	0.32
Fair	34	88	9	3			4.85	0.43
Clarity	34	82	15	3			4.79	0.47
Knowledgeable	34	100					5.00	0.00
Timely Feedback	34	91	9				4.91	0.28
Achievement Standards	34	94	6				4.94	0.24
Recommend	34	79	21				4.79	0.40

Comments

	Total 0

Description
Helpful
Awesome class
Basically wrote the book on C++. His knowledge of the material was very helpful towards his ability to teach the subject mater. His willingness to help students out with problems was instrumental towards my passing the class.
Chuck is very smart, he will share his code and his intelligence with you, he will work with you. He is a good teacher.
Everything about this class was great! I enjoyed learning C++ in-depth from a C++ master. The memory management experience I gained in this class will be extremely useful for me next semester, which is when I'll be starting the Advanced Architecture series.
Everything. I've had Prof. Allison for two classes now; in the first, Computational Theory, I walked out feeling like a much better computer scientist. Walking out of advanced C++, I feel like a much better programmer. By focusing on the new C++11 standard, Allison took a great class, and made it contemporary, exciting, and

standard, Allison took a great class, and made it contemporary, exciting, and competitive. The assignments are difficult, but they are unmatched by anything I've seen in other programming classes in terms of worthwhile knowledge. I was recommended this class by friend and adjunct prof. Mike Wright, and it was one of the best recommendations I've had. Of the classes I had to miss quite a few lectures from near the end of this semester, this is the one I truly lamented missing.

Example codes and quick response.

Excellent, excellent professor and course. I would recommend to anyone who wanted to learn and wasn't afraid to work.

Extremely approachable. I'm not one to talk to professors frequently, but Professor Allison is easily the most approachable I have encountered. He expresses genuine concern for students.

He did a lot of examples and explained things clearly.

He is a very patient and understanding professor, but still holds a high standard for the work you do. Learned a lot about some of the built in functionality that I wasn't aware existed inside C++.

He is clearly a master of the material he is teaching. However, he isn't prideful in any way. He knows what he's talking about, but is also humble enough and patient enough to teach is the material in a respectful manner without being condescending. He can also be funny at certain times, which helps make the class more enjoyable. Clearly, he is a very good teacher, and one of the few in the CS program that makes it not painful to sit in a class for an hour and fifteen minutes to try to learn more about C++. This was one of the few CS classes I took this semester that I found myself trying to pay attention in the class for a few reasons: 1. Because it wasn't super boring; 2. Because he wasn't simply showing slides, pointing to them, and reading them; and 3. Because if I didn't I would do horrible on the assignments/quizzes/tests. They can be challenging! But also rewarding when completed successfully. My favorite one was the last one, as we were able to use high level functions!

He is extremely knowledgeable about the subject and he presents the information in a clear concise manner.

He knew how to answer any question you had, it allowed for reasonably quick and efficient answers to problems to projects or anything else.

He knows what he is talking about and is very helpful with students.

I found his knowledge of the subject, and the insights he was able to provide were very helpful.

I found it extremely helpful when you wrote code examples on the fly.

I like how you focus on things that will be useful in the workplace. I especially like the comments you make during class that point out good job interview questions. It shows that you have industry experience and it gives confidence to your lectures.

I really liked the lectures, they are informative and I never walked out feeling like I didn't learn anything. I also really appreciated the timely feedback on all my projects.

I thought that it was very well organized and I enjoyed it very much. I am a top down learner and parts of this course helped and others did not, but overall it was very well taught. Dr Allison understands this material extremely well and always knew how to answer any questions asked of him.

Only doing this to see my letter grade class was awesome, forcing me to do this gives you crap data

Prof. Allison has very in-depth course knowledge, but he doesn't cram it down your throat. He just gives a little taste here and there.

Professor Allison is the best professor in the CS department. We need more professors of this caliber and that have this strong desire to not only help students learn, but push them to succeed in their career paths. Professor Allison teaches much more than just the required curriculum.

Professor Allison teaches the material in a very straightforward manner and his projects help a lot when it comes to understanding the material. His tests aren't too difficult, but they definitely test your knowledge of the subject.

Professor Allison, your strongest attribute(other then your godlike knowledge of c++) is your willingness to help and listen to students. If your door is open then you are willing to listen(unless you have something pressing that takes precedence)even if its not your "Office hour"

The code examples provided were very useful.

The fact that he wrote part of the STL helped a fare bit. he really knows his stuff

The item about the class that I found most helpful is the downloadable code examples that accompany the slides for the course, and that we cover them all so we know exactly what they are doing.

The lectures were helpful. The quizzes helped prepare for the exams.
Enjoyed all the projects.

The material is well organized, very applicable, and useful. I enjoyed the class.

Suggestions

Ensina uma aula de CS em portugues.

His code is so condensed and short, that it is difficult to read to someone who is still learning. There is so many little things he knows about c++ that unless you aren't educated in, it will only throw you off more and slow you down. He gave the analogy at the beginning of class this is where boy programmers become men. But I think a better analogy would be this is where men programmers become smarter programmers.

His test are super tough. I dont know if that is good or bad.

I can't think of any, sorry.

I don't know if it's possible to fit in any more higher level content without dropping any of the lower end stuff. But if there's a way to squeeze in more labs doing higher level programming it would be great.

I felt like there was a little too much string processing in the programming assignments in this course. I also had a miserable experience with Codeblocks. Even after following the extensive instructions on Canvas, I had many problems with the debugger failing to track watch variables, and crashing such that I had to restart Codeblocks to attempt to run my programs again. I would have appreciated a discussion on the differences between Visual Studio's managed VC++ and GNU's C++, especially considering that that is the development environment that everyone in the class is familiar with and its popularity in industry. I understand that developers should be able to migrate to other development environments, however I would have appreciated a discussion beyond "Microsoft and Visual Studio are bad, cross-platform compatibility is important (which it is, of course), and some people like .NET." Your experiences with languages is extensive--tell us about the advantages/disadvantages of each!

I have always struggled with very low level programming (bit manipulation and what not). Maybe offer a few more examples on the subject.

I simply can't think of anything. The only remark I would make (but this goes less for Professor Allison than it does for all other professors in the CS department) would be to remember that there are some of use (however few in number) that haven't been coding since we were 10! We are learning the ins and outs of the logic, concepts, and syntax for the very first time! Please don't assume that we have been working in CS for years, and are only coming back for a degree because employers simply won't look at you otherwise! We may be late to the party, but we ARE here to party! Include us!

I think a little more advanced warning on test content would be nice. The review sheets are very helpful, but I found that many of my tests overlapped on days giving me less time than I'd prefer to properly prepare a cue sheet. If the announcement for what will be on the test could be sent out a little sooner it might make that less of a problem.

I think it would be wise to split the course into two parts since I think C++ is a hard language. That way the range of difficulties between projects can be keep to minimum, and more time can be spent to strengthen the foundation for programming in C++ in general for the first part. The second part can be fully dedicated to fancy stuffs.

I wish I could clone him and have him teach all of the CS classes. Short of that, keep up the good work.

It would be more helpful to have the midterm tests' study guide a few days earlier -- Monday or Tuesday.
Exams were from Friday to Monday (fee day) and guides were made available on Thursday.

Just advice: Keep doing what you're doing. This is one of the best classes being offered right now, and introducing the C++11 standard is one of its best selling points.

Just the way I learn, sometimes I wish it was more Top Down, I felt to meander a bit through C++ land in order to understand things. Also, showing output for the programs in a little more explicit manner would also would have helped me. I did not ok in the course, but it was not the fault of the Teacher, just time constraints for me. Thank you Dr Allison.
-JC

Maybe increase the number of days a week that this course meets, so there is enough time to cover all of the topics that you have planned. I had a lot of fun learning about C++ and I want to learn more. Perhaps a second course could be made to cover the topics that we weren't able to get to.

Nothing.

One thing I would like to learn about is exporting functions to DLL's and linking to them from other programs. This may not be something related to the C++ course... I just thought I'd mention it, because it seems like this isn't taught in any of the CS courses.

Only doing this to see my letter grade class was awesome, forcing me to do this gives you crap data

Personally I would find less big projects and more little projects more helpful, but I tend

to be a hands on learner so that I don't know if that would be helpful for everybody.

The pre-prepared code examples were helpful, but not as much as watching you write the code in the moment. Otherwise, You are a fantastic professor. Thank you for a great semester.

With some of the more tricky projects (like the proxy class) where helper functions were used in the proxy class would of be useful to know along with the other projects.

stop using a mac(just kidding)
in all seriousness, the only thing I felt that was frustrating about this course was the lack of a proper coding environment. Unless you are on a posix machine it sometimes was frustrating that you had no idea if the c++ library you are using had the proper tools to do the job you wanted. sure there were simple work arounds for anything that was broken i.e. tostring() but the fact that, that was broken made me feel that I couldn't trust the compiler. Also I hate codeblocks.

the lecture often went well beyond what the slides discussed. I would have liked a bit more information in the slided

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Thank you!

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201220	TC	CSE	CS 3370 001	13682	C plus plus Software Develop	Charles D. Allison	21	25	84

Demographics

Total
21

Description	Response Total	Response Percent
Class Standing		
Senior	16	76%
Junior	3	14%
Sophomore	2	10%
Crse req'd for program?		
Elective	17	81%
Required	3	14%
Both	1	5%
Crse Requirement		
My Major	20	95%

Instructor

	Total 21	Strongly Agree 86	Agree(%) 13	Neutral(%) 1	Disagree(%) 0	Strongly Disagree(%) 0	Avg 4.86	Std Dev 0.23
Description	**Total**	**Strongly Agree**	**Agree(%)**	**Neutral(%)**	**Disagree(%)**	**Strongly Disagree(%)**	**Avg**	**Std Dev**
Organized	21	81	14	5			4.76	0.54
Respectful	21	90	10				4.90	0.30
Fair	21	86	14				4.86	0.36
Clarity	21	95		5			4.90	0.44
Knowledgeable	21	100					5.00	0.00
Timely Feedback	21	62	38				4.62	0.50
Achievement Standards	21	90	10				4.90	0.30
Recommend	21	86	14				4.86	0.36

Comments

Total
21

Description
Helpful
Dr. Allison is one of the most amazing professors I have ever had. He knows extremely well the content of any material he teaches and will you always learn a lot. Students will always find his doors open and him willing to help and focused on student success.
Explaining the programs after each program was due, and going over the tests to show us what we missed.
Great class. The best part was the higher order functions we learned the last two weeks of class. They will be very useful to know.
He is a coding wizard! His passion is contagious, it really gets students excited about coding in c++. His course is flawlessly laid out. But best of all, he gives enough content for the students to not only be successful in the classroom, but outside of it as well.
He was extremely knowledgable about C++ and very helpful.
It is difficult to be specific here as the entire course and the content of it have been extremely useful. Presentation was good, project requirements were good and

extremely useful. Presentation was good, project requirements were good and engaging (they push you just enough), tests and quizzes were both challenging and useful. In general, very well presented.

It was the perfect amount of Programs. The labs were helpful. I think they should be graded to make sure students benefit from them.

It's Allison, 'nuff said.

Professor Allison has a deep knowledge of C++ and was able to teach using clear examples. The class was difficult but I learned a lot and am very glad that I took it. I appreciate that Professor Allison works hard to get assignments graded in a timely fashion and comes to class prepared. I really enjoyed this course.

Professor Allison is very knowledgable on the subject of C++. He has great examples in class on the concepts. The tests are very thorough and seem to solidify the understanding of the topics.

The code examples were amazingly helpful - I'd like to see more of those than just reading through slides, but the slides help a lot too, so I suppose they're balanced. Having quizzes to make sure I'm understanding smaller points helps me a whole lot, since it's easy to miss things while going quickly over so much material. I definitely have a better understanding about STL finally, since we had to use it so much in quizzes, homework, projects and by the time the final came, I surprised my own self how much I could pull out of memory instead of having to go to a reference.

The professor was an expert on everything he taught. He was also very organized and we were able to have great interactive discussions. He would go into great depth explaining how and why the language behaved as it did. Some of the things we did blew my mind, in a good way. They are the kind of things that employers are really impressed by. The example code was also very helpful. I only wish I would have discovered it and used it earlier than halfway into the semester. He was also very up to date on the subject material. We learned things that were barely approved in the language in the last year. I appreciated that he doesn't just sit on his laurels, but is constantly sharpening the saw himself.

To start, Chuck is the best teacher at UVU at conveying the subject matter to his students. He always has interesting lectures, and he gets very excited about the material. The class is very well structured, and it has enough variance that it stays interesting. Learning C++ from an expert is very helpful. This is probably Chucks best class of the 3 I've taken. (Still haven't taken Python.)

Useful information about how to really use C++

Very approachable. Very Knowledgeable. Never made students feel stupid for asking questions (even if the question was silly).

great information in class

Suggestions

Don't change a thing.

Don't let a few bad apples ruin the bushel. One of this instructor's strong points has always been his care and concern for the quality of education and the success of his students, with more emphasis on learning the material than on letter grades. Just because some students don't recognize that, doesn't mean none of us do.

Give this man a raise, great professor!

I am terrible with having to handwrite programming code... and because of this I have done very poorly on the exams because I can't remember the exact syntax... not like you guys give a crap about me though.

I recommend classes with Dr.Allison to anybody who needs to take classes he will be teaching.

I wish the algorithms and containers lectures were earlier in the semester.

I wish the requirements for the projects were a more clearly defined. I also wish we would have been given better direction on how to fulfill those requirements.

It's really hard to come up with a suggestion for this class. It was just fantastic. It was challenging and very rewarding.

More pop culture references.

More time spent on the algorithms and other tools available in the STL would be nice.

None really. this is a model class.

None, you do great!

Some of the course code seemed incomplete and it was difficult to find some examples we saw in class. Grouping the source code in folders based on the slide set they correspond to would be immensely helpful.

The assignments at the beginning were extremely difficult, while later on they became easier. It could be a little nicer to have the really tough ones towards the middle.

The code folder should be organized.

The quizzes, if not the projects themselves, are probably the biggest thing that helped

The quizzes, if not the projects themselves, are probably the biggest thing that helped me learn. I wouldn't necessarily say that you should have them more often, but I would definitely have appreciated having them available on canvas after class to review. I didn't always do the labs, but I think the ones I did work on also helped sink in the material. It would probably help if you reminded students to work on labs more, since there weren't many other reminders.

The structure of the class seemed really good. I would have liked to spend more time on the higher order functions and do two or three programs using them (so maybe move them up in the semester a few weeks). I don't feel comfortable with them now, but I know they would be very useful. It would be nice to have had more opportunity to use them.

would like to see an more advanced c++ call with more things from the STL and more c++11.

You can also view your results in UVLink on your faculty detail schedule. Please reply to this e-mail with any questions or concerns.

Thank you!