Promotion and Tenure Report for: Bradley Peterson

2013 - Summer						
Course	Score	Standard Deviation	Num Responses			
CS2420 - 10641	3.48	0.63	7			
CS4750 - 10639	3.20	0.88	7			

2013 - Fall						
Course	Score	Standard Deviation	Num Responses			
<u>CS2420 - 23750</u>	3.34	0.88	14			
CS2420 - 23793	3.46	0.98	13			
<u>CS2420 - 20949</u>	3.79	0.46	14			
<u>CS1400 - 23768</u>	3.31	1.02	16			

2013 - Spring						
Course	Score	Standard Deviation	Num Responses			
CS2420 - 30611	3.39	0.96	19			
CS3750 - 33035	2.97	1.33	16			

2014 - Summer					
Course	Score	Standard Deviation	Num Responses		
CS2420 - 11232	3.21	1.00	22		
<u>CS2420 - 11198</u>	3.64	0.57	15		
<u>CS4750 - 11197</u>	3.29	1.09	10		

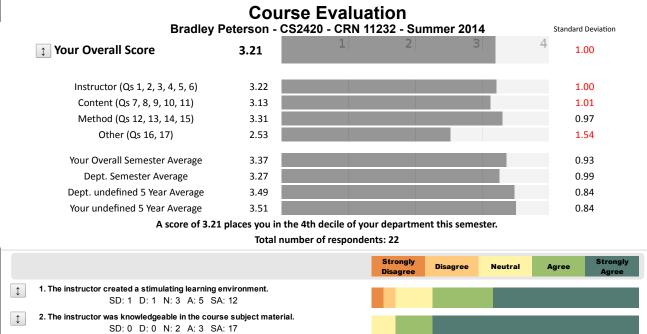
2014 - Fall						
Course	Score	Standard Deviation	Num Responses			
CS2420 - 21584	3.87	0.40	17			
<u>CS1400 - 22564</u>	3.25	1.14	15			
CS2420 - 22574	3.57	0.61	17			
CS2420 - 22599	3.60	0.83	17			

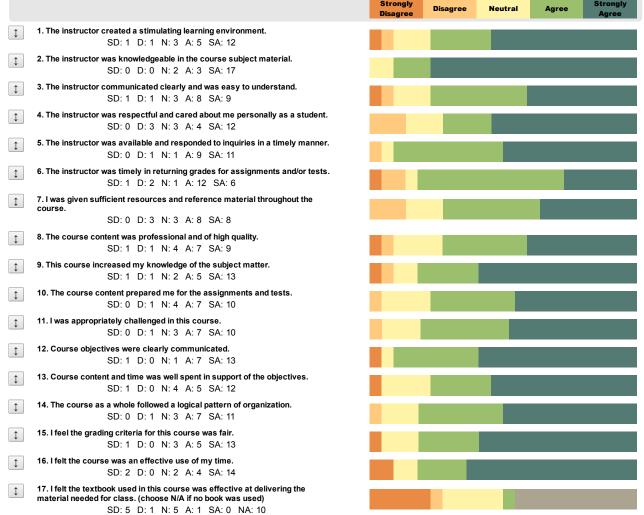
2014 - Spring						
Course	Score	Standard Deviation	Num Responses			
<u>CS2420 - 32940</u>	3.29	0.87	20			
CS2420 - 32962	3.73	0.54	10			
CS4110 - 31151	3.73	0.51	11			
CS3750 - 32945	3.33	0.88	6			

2015 - Summer						
Course Score Standard Deviation Num Responses						
<u>CS4750 - 11074</u>	3.65	0.60	9			
<u>CS2420 - 11075</u>	3.42	1.21	10			
<u>CS2420 - 11096</u>	3.55	0.72	18			

2015 - Fall					
Course	Score	Standard Deviation	Num Responses		
CS1410 - 21962	3.58	0.60	9		
<u>CS2420 - 22001</u>	3.28	0.84	14		
<u>CS1400 - 21948</u>	3.49	0.76	17		
CS2420 - 21961	3.54	0.70	7		

2015 - Spring					
Course	Score	Standard Deviation	Num Responses		
CS3750 - 33274	3.13	1.28	15		
CS2420 - 33269	3.50	1.00	18		
CS4750 - 31647	3.49	0.72	13		
CS2420 - 33296	3.38	0.84	13		





1. What did you particularly like about this course?

- 1 Though I generally do better with a structured class I really liked how Professor Peterson moved the flow of how the students were learning. Though I still was not able to fully understand the course material (mostly how to get pointers to work) I thoroughly enjoyed this class.
- 2 No Response
- 3 Good use of memory management and more real-world applications of OOP. The instructor saw his job to teach as an evolving process and strives to do the things that would help students learn the material better.
- 4 I loved the challenge of this course and the teaching style of the professor. My knowledge of programming has increased immensely since the beginning of this course
- 5 The fact that it was online worked well with my summer schedule.
- 6 I liked the method of grading; it helps the student actually know what grade to expect before submitting. I also liked the hybrid option; as an online student I only visited in class one time but it was nice to know I had the option if I so desired. It was also very helpful as an online student to be able to have the classroom experience from the online videos hearing other students' comments greatly helped. I never utilized the Google Hangouts I wanted to but never was able to make that time available to do so. It was nice to know it was an option as well.
- $7\ \mbox{Brad's lectures}$ are some of the best in the CS department.

- 8 I enjoyed the professor. He was very knowledgeable and helpful. He was engaging and challenging yet very helpful and patient with the students. Very willing to help.
- 9 Everything! Honestly one of if not THE best CS course I've taken. Brad has a way of explaining things that's both interesting and informative. I really wanted to learn the material. What's more there was really a drive for students to understand why we needed to do something.
- 10 No Response
- 11 The use of recording the live lectures and making them available to the on line students.
- 12 professor is on top of his game
- 13 The class lectures were excellent and I enjoyed every assignment we were given.
- 14 I liked how the presentations were a hybrid of in-person classroom and online students. Then we could watch them on youtube if we were not able to join them.
- 15 I really enjoyed Prof. Peterson's teaching style. He was always attentive and available when it came to addressing questions. The course was difficult but also enjoyable at the same time.
- 16 It helped me develop my C++ skills.
- 17 Final Exam
- 18 I thoroughly enjoyed Brad's lectures. His tangents were entertaining.
- 19 Great course
- 20 The logical problem skills needed for the assignments were equally as important as learning new syntax. Problem solving is as important or more so than any individual programming language since it translates to all aspects of industry.
- 21 I liked the assignments and they way he did the recorded lectures but also allowed the online students to join in the lectures via hangouts. I also liked how he would draw pictures to help us understand what he was saying it allowed me to visually see a concept.
- 22 No Response

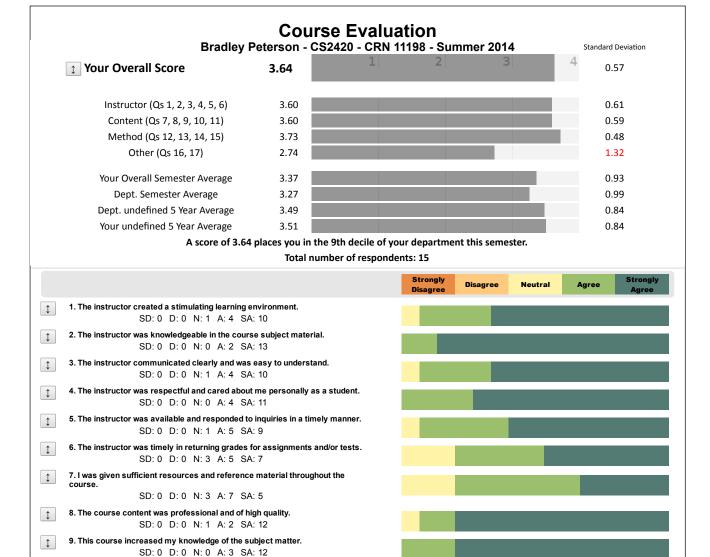
- 1 I cannot think of any improvements that can be made for this class.
- 2 The instructor did not use the book at all. It would have been better to not require a book at all.
- 3 I was challenged but still thought it would be harder. I could finish most assignments in an afternoon and would have to wait another week until the next challenge. Some were tough though.
- 4 In my opinion this course was a prime example of a perfect college course. The content and assignments of the course were challenging but not too challenging the quizzes and tests were extremely fair and you were graded on how well you understood the subject matter and the effectiveness of the code you wrote.
- 5 Do not teach programming through means of connect the dots and paint by numbers assignments. It has little benefit in the learning process.
- 6 On Canvas perhaps add the Chi Tester tab as many other classes have earlier announcements on quizzes (especially for online students) and sometimes hearing the lectures from the online videos was quite challenging (either fellow students' or the professor's comments) but I realize the last one is a matter of technology.
- 7 Grading/feedback needs to be quicker. I was thinking that having two smaller assignments instead of one big one per week would speed up feedback (especially in the earlier part of the semester). You could provide one smaller assignment focused on some basic core concept which would be quick and easy to grade and provide immediate feedback to the students. The second assignment could incorporate the smaller assignment and take longer to complete/grade but at least the students know they are on the right track.
 - I feel like providing all the test code / framework for some assignments encourages a brute force approach where we can eventually get the program to work without really understanding why. I'm guilty of it. I was thinking that you could go over the test code and what you want the program to do during the lectures and don't actually provide a copy of the code. Force students to write their own test code from the lectures and I think they'll have a greater understanding of how everything fits together.
- 8 No Response
- 9 Share how this course is taught with other courses!
- 10 No Response
- 11 No Response
- 12 can't think of any
- 13 I wouldn't change a thing it was an excellent course.
- 14 A textbook that is worth having. Even a trade book would be better. I got the C++ Primer by Lippman and it was far more useful. The textbook had examples that were mostly pseudocode and the author credits. Instead of stroking the author's ego for well-written pseudocode we would have been far better served by examples of actual working code.
- 15 I am not too sure on improvements. I really enjoyed the class overall. I guess if I were to make any suggestions it might be to spend a little more time on coding examples of the key concepts. Sometimes his lectures would be weeks ahead of the homework assignment. This being said he always allowed time for questions prior to beginning a new lecture.
- 16 Too much of the grade was on the tests. There were only two tests. More smaller tests.
- 17 Final Exam
- 18 I would have like to be able to work ahead at my own pace.
- 19 None
- $20\,$ Nothing in particular. Excellent course and instructor.
- 21 I think having some more reference materials for this course would be beneficial. I also think that doing more examples via code not just notes on one note would be more helpful to future students. I find that I learn best being able to type out an example of code during class and being able to refer back to that while I do my assignment allows me to remember the material much more easily. At the end of the semester you had started doing this and that was when I really felt like I understood my assignments. Before then I felt like I had no clue what was going on especially since the book was not used at all and was no help.
- 22 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 I often had to wait several days for responses to emails. Since this is an online class email is my only way of communicating with the instructor. I missed opportunities because of slow response times.
- 3 No Response
- 4 The instructor for this course is exceedingly knowledgeable about the subject material and is well aware of how students learn. He communicated many times the importance of asking questions regardless of how stupid they may seem. He has an awesome sense of humor a very down-to-earth and understanding teaching style and most of all has very realistic expectations of his students. I enjoyed this course immensely and definitely recommend this course to anyone seeking to further their knowledge of C++ and data structures. Anyone can understand this material; it just takes a good professor.
- 5 For every assignment Professor Peterson gave us a skeleton program that was hundreds of lines of code (about 20% 30% of this was test code to see if it ran correctly so that he would not have to take the time to look at our code and evaluate our

methodology). He then had us fix the code to get it to work for the assigned problem. The problem with this approach to teaching programming is that it does not allow the student any freedom of thought nor ingenuity whilst programming. There was no researching how the algorithm might be structured no choice on methodology no true learning nor mastery of the topic. As an example the 6th assignment on priority queue was given to us with well over 500 lines of code requiring a dozen lines to fix and get to work to his specifications. Other than seeing how Dr. Peterson chooses to go about setting up his data structure we learn very little about how a priority queue works. You do not learn math by reading equations you learn it by solving equations. You do not learn about algorithms and structures by looking at hundreds of lines of code and fixing a handful you learn by designing the structure yourself. Dr. Peterson is unequivocally the worst most inefficient professor I have ever had the displeasure of taking a class from. I will be receiving between a B and a A for this class and yet I feel as if I learned little. I feel unprepared to create my own algorithms and structures. If it is within your power as reviewer of these comments escort him from the premises of Weber State and immediately terminate his employment. This man should not be allowed to teach other human beings.

- 6 The instructor had several moments of tangential distractions I personally don't mind but some students might have an issue with that. Overall this instructor taught this course exceptionally and I would like to take from this instructor again. Very fun very fair and probably the best CS course I've taken so far.
- 7 No Response
- 8 No Response
- 9 Awesome!
- 10 No Response
- 11 No Response
- 12 No Response
- 13 No Response
- 14 He seems to like teaching and it shows. We just needed to have a book that was worthy of the term.
- 15 I really enjoyed this course and the instructor. He kept the lectures to decent time lengths and interesting. The homework assignments were difficult and challenging but not beyond reason. I will definitely be looking forward to taking future courses from this instructor.
- 16 I liked the assignments but I felt like the tests were very difficult. I would have liked a better book. A book that I could have to refer to more. There were times that I wanted to find out about a topic that he covered. I could not find it anywhere and I would have to sit through an hour or so of the lecture online to find it. It would have been nice to get the information in a better more effective way.
- 17 Final Exam
- 18 I emailed Brad once at midnight and he answered within minutes. Amazing!
- 19 None
- 20 No Response
- 21 I think you are very smart and very caring of how your students are doing. However I would work on adding code examples to your lectures. You don't have to do a ton but more than just the pictures would be helpful.
- 22 No Response



11. I was appropriately challenged in this course.

SD: 0 D: 0 N: 0 A: 3 SA: 12

SD: 0 D: 0 N: 0 A: 7 SA: 8

12. Course objectives were clearly communicated.

SD: 0 D: 0 N: 0 A: 4 SA: 11

10. The course content prepared me for the assignments and tests.

13. Course content and time was well spent in support of the objectives.

SD: 0 D: 0 N: 1 A: 3 SA: 11

14. The course as a whole followed a logical pattern of organization.

SD: 0 D: 0 N: 0 A: 3 SA: 12

15. I feel the grading criteria for this course was fair.

SD: 0 D: 0 N: 0 A: 4 SA: 11

16. I felt the course was an effective use of my time. SD: 0 D: 0 N: 1 A: 3 SA: 11

3D. 0 D. 0 N. 1 A. 3 3A. 11

17. I felt the textbook used in this course was effective at delivering the material needed for class. (choose N/A if no book was used)

SD: 1 D: 6 N: 3 A: 1 SA: 1 NA: 3

1. What did you particularly like about this course?

- 1 I liked about this course was that the instructor would touch on subjects that are important in the field of study even when it was not programming.
- 2 challenged me as a programmer
- 3 I really enjoy the level at which Professor Peterson challenges us. His enthusiasm and genuine joy in teaching the material is contagious and makes for a one-of-a-kind learning experience. Overall I like the professor and the subject material which is his favorite as well best CS course yet.
- 4 Brad was very helpful and I learned more in this class than 1410. It was very helpful to have a few weeks at the first to do a recap. I feel like I walked away from this course feeling comfortable with how programs work.
- 5 It was challenging but very rewarding.
- 6 A

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- 7 I felt the overall course was great. I have learned an unlimited amount from just this course not only in the data structures but in C++ all together. Great course.
- 8 I love programming and this course has elevated my comprehension knowledge and skills in assessing program code. I feel much more prepared for work in the industry after Mr Peterson's class.

- э по кезропзе
- 10 The teacher created a friendly learning environment. It was easy to ask questions and understand the content. This was my most favorite class so far.
- 11 No Response
- 12 No Response
- 13 No Response
- 14 I liked how Brad used One Note to draw pictures about what the program was actually DOING. I need that to help me understand what's going on.

Brad is really good about helping students. He answers emails and Google chats with students about their homework questions.

I also really liked being able to use Google Hangouts for class. I think more online teachers should use that resource. That way if online students have time to "come to class" one night through Google Hangouts they can participate in the discussion.

15 I can see an entirely different side of programming that I couldn't even begin to fathom before taking this class. Before the class I understood the basics of programming. Now I feel quite fluent in programming and much more comfortable with implementing the logic behind data structures.

2. What improvements would you suggest for this course?

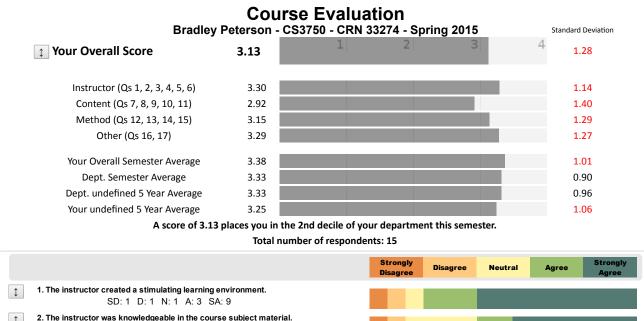
- 1 I would suggest an aid for additional help.
- 2 none
- 3 Only those discussed in class that are pending change.
- 4 No Response
- 5 Have students type code in front of class.
- 6 A
- 7 n/a
- 8 This is fairly nit-picky Mr Peterson can get distracted easily. While this makes the course fun and engaging it makes reviewing lecture videos a bit tedious because students have to either listen to portions not essential to the lecture or risk missing something important by skipping over them. As a suggestion: use markers in the description of where students can skip past.
- 9 No Response
- 10 the instructor gave all his students the option of either coming to class joining live or watching the video later but then was 'surprised' when most chose to watch the video later. He seemed a bit fixated on live students. The text book was helpful in some areas but didn't really follow the coding style being taught so I have mixed feelings on it.
- 11 No Response
- 12 No Response
- 13 I think I would have liked the class better if there was more sample code.
- 14 I would've really liked more coding examples. I had a really hard time sometimes translating what I saw on One Note to what I was supposed to do in Visual Studio. More actual coding examples would've helped me a lot.

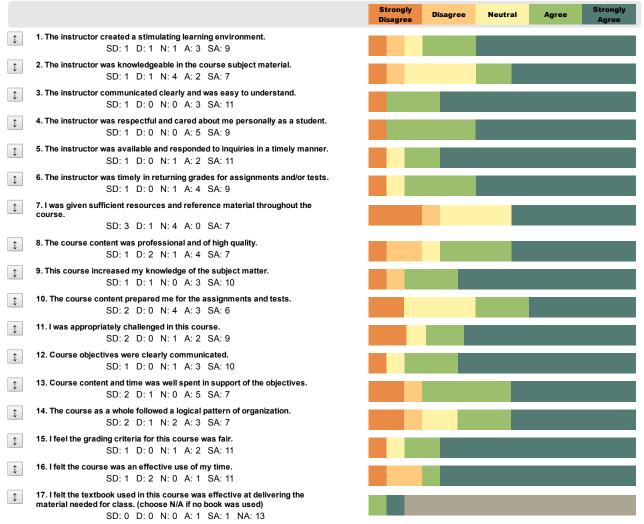
My favorite assignments were the ones where we had very detailed pdfs telling us what we needed to do in English. In those assignments I liked how I was responsible for the coding part but the pdf was telling me what my assignment was doing in plain old English. I learn best that way. I would've loved to have more assignments like that.

15 Professor Peterson is an excellent instructor and this class is perfect the way it is. If Professor Peterson feels the need to improve something I'm sure it will be extremely beneficial for future classes but if he teaches it the way he taught it to me it is still extremely beneficial.

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 No Response
- 3 No Response
- 4 No Response
- 5 No Response
- 6 A
- 7 Great instructor will definitely be taking more courses from him if possible.
- 8 No Response
- 9 No Response
- 10 The instructor presented the course material in a very effective way stimulating learning and sharing his love of the topic. He's the best CS teacher I've had yet.
- 11 No Response
- 12 No Response
- 13 No Response
- 14 No Response
- 15 In the beginning of the semester I felt overwhelmed by the learning curve of this course but after a few weeks I was able to overcome my difficulties due to the excellent instruction of Brad Peterson.





1. What did you particularly like about this course?

- 1 Brad was very accommodating. I had a situation come up that he was willing to help work around with me so that I could finish the course.
- 2 We got to learn a ton of new technologies and unlike other classes there was very little paperwork
- 3 This course through me into the development fire as one would be in a real-world situation: no guiding books and no blueprint. We simply had the results required and had to find a way to get there in groups. I learned how to figure things out as a developer and exercised my brain in how to get to those results. You will also learn a lot about connecting the dots between development environments tools languages and platforms to build various projects.
- 4 I learned a lot in various aspects as a result of this course.
- 5 The challenge of being given a project with the direction of what languages and implementation and then let free to make it happen
- 6 No Response
- ${\bf 7}$ I did like the first assignments
- 8 Before this class I felt that I was nowhere near being ready to go into the real world and work in software development. This class forced me to learn (and learn quickly) several techniques that I had never even heard of before. It was difficult but nossible After completing assignments using languages I had never learned before my confidence in my ability to learn and do

anything increased greatly. I now know that I am able to complete any task sent my way. I just have to work hard and have the desire to learn it.

- 9 No Response
- 10 Awesome class. I learned a lot and thought it was a great use of my time. I really liked brads new approach.
- 11 I liked all the projects they were interesting approaches and were challenging.
- 12 No Response
- 13 The fact that it was a simulation of real world projects.
- 14 No Response
- 15 GPA booster course.

2. What improvements would you suggest for this course?

- 1 No Response
- 2 None
- 3 Maybe a little better preparation with the clients. We were given a large list and a large team and weren't sure where to start. It was a bit of a cluster. We did make-do however and learned a lot. Brad approaches courses with a bit of a loose schedule and loose requirements in mind but he knows where he is going and we do get there.
- 4 I understand the course was intended to let us explore for ourselves but it would be nice if the professor knew more on the content of the assignments so we can ask questions. Google is a big help but sometimes there is so much information to sift through in order to get an answer especially when you start from zero knowledge on a subject. A little more guidance would be a good improvement.
- 5 none
- 6 No Response
- 7 Maybe give a little more hints on how to do some of the assignments
- 8 Maybe some kind of Supplemental Instruction would be useful. I loved the way this class was taught but a good number of students hated it and had a very hard time learning the new material on their own. I think the way this class was taught is the right way to do it. Its really hard and takes a lot of work but that's what college is supposed to be. We need to learn like this or we won't be prepared for the industry.
- 9 No Response
- 10 No Response
- 11 None
- 12 I would have liked some actual teaching on the topics we were supposed to have learned. I can teach myself bits and pieces as needed but having to learn many wholes in many different topics was very overwhelming and depressing. I wanted to be taught at least some things.
- 13 More direction on assignments.
- 14 No Response
- 15 Start the final (real) project much sooner. Individual projects ie self taught subject matter were more frustrating than educational.

3. Please feel free to write any additional comments about this course or instructor.

1 Brad is an excellent instructor everybody loves him. I have no complaints!

That being said I have worked in the industry for a few years and I will admit that I'm a little disappointed that this is an upper-division class. It seems that Weber is content producing a bunch of PHP "programmers" into the workforce. Sure the students will be able to find jobs but I feel like they will quickly forget basic computer science concepts and won't be highly regarded in the workforce. I haven't yet graduated from school but have had the opportunity to interview Weber State students for jobs in my field and they quickly forget Linked Lists and other common data structures. If this were something that could be taught earlier in the curriculum it might be easier for students to dive into deeper concepts in CS.

Trying to stay on topic I feel that this course should be taught earlier in the computer science curriculum. If this class is meant to teach students how to work in teams and what it's like in the "real world" I think it would be helpful to teach them the agile methodology and how to organize around projects. Scrum may be overkill for these smaller projects but I think students would benefit from the knowledge before they enter the workforce.

All that being said I think the course is great. It exposed students (that may not have had the opportunity) to real-world projects. I only wish that more effort was put into showing students more about how modern software is built and was a lower-division class.

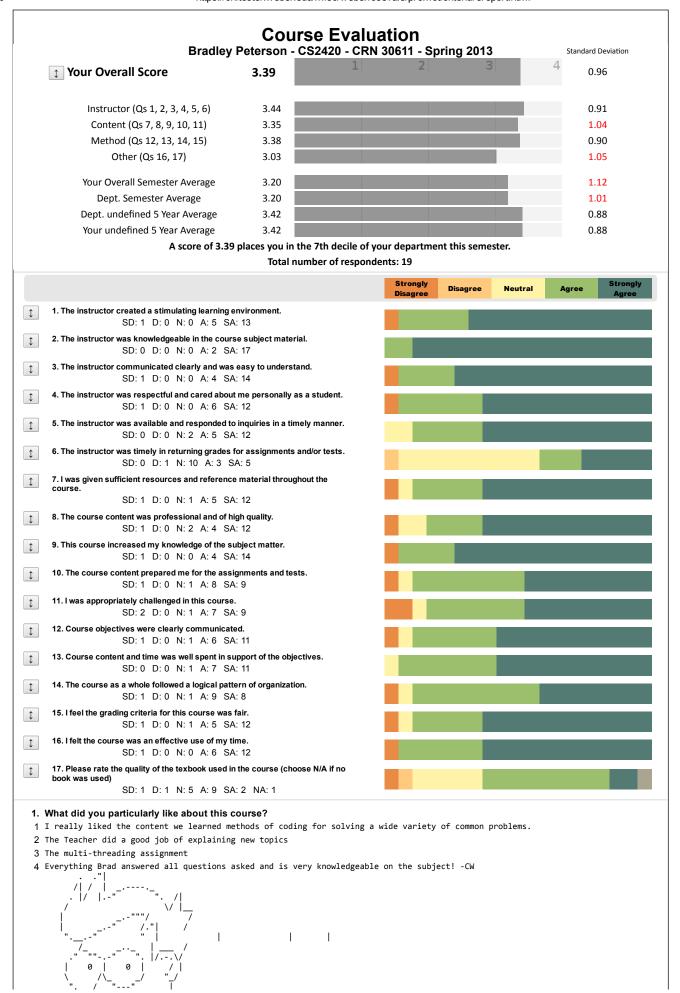
- 2 Brad is an awesome teacher
- 3 Not much. Brad is a fantastic CS instructor. I also love that his teaching style and schedule aren't so rigid. The schedule and work was malleable so to speak yet you learn a lot about development.
- 4 No Response

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- 6 No Response
- 7 good experience
- 8 FINALLY A CHALLENGING CLASS. In most of the programming courses I have taken up until this one we never create a program that goes much further than a fancy "hello world" with a few buttons and calculations and if we do go further it is not without a great deal of hand-holding. We need more experience setting up an entire project making applications work with databases and web servers. I learned a lot of basic principles over the years at weber but I didn't learn much about how to use them in a real situation. Sure I can make a doubly linked list and come up with different algorithms but what am i going to do with that if i dont know how to create and deploy a project?
- 9 Brad plays favorites with his students and he is unfair to the rest. He always believes he is right even when he's not and doesn't listen to student's opinions.
- 10 No Response
- 11 First time taking a course with Brad he was a great instructor!
- 12 I have great respect for the instructor and what he was trying to accomplish by making us learn everything ourselves but we're going to get enough of that after we graduate. This was too soon to hang us out to dry and so I finish the class without feeling like I've learned anything from it. Most of the questions my groups had the teacher didn't know the answers to either. I'm not sure why we had an instructor for this class. It was a very painful class for me filling me with self-doubt and despair.
- 13 Brad is a great professor.
- 14 No Response
- 15 No Response





- 5 No Response
- 6 No Response
- 7 Brad is an excellent instructor and made this normally very hard course more understandable and manageable for me. I would take another class from him in a heartbeat and recommend him to anyone else needing to take this course. The lectures posted online was a huge help.
- $8\ \mbox{i liked the homeworks given in class}$
- 9 No Response
- 10 I liked learning the algorithms that were presented for us to code.
- 11 Some of the side tangents taken for respite.
- 12 I found this course really interesting especially the algorithm aspect of the course. But instead of writing a long droll evaluation epic I shall keep my response brief. Pointers are amazing and I truly appreciated this professor's help on a project outside of this class. His helpfulness and enthusiasm made this class really awesome.
- 13 It was very interesting
- 14 A lot of help with assignment shells at the beginning of the course that were already compilable.
- 15 Lots of lab time was given for help with the assignments.
- 16 the extra challenge provided in the assignments
- 17 the instructor.
- 18 No Response
- 19 The best thing about this course was its transparency between online and in class structure. It provided flexibility with an ability to follow up in class for more instruction.
- 20 I really enjoyed the teaching methods. As a face-to-face student I didn't miss any lecture days but it was extremely helpful to be able to come back to the recorded lectures to review topics.
- 21 Flexibility.

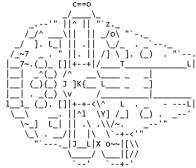
- 1 I hate the Utah Jazz.
- 2 More coding in class would have helped.
- 3 No Response
- 4 None



- 5 No Response 6 No Response
- 7 The nature of the course is quite difficult. I would only suggest that Brad keep doing what he is doing to make it easier for future students.
- 9 No Response
- 10 Perhaps some better pseudo code for learning algorithms. I think many people struggled with knowing how to do a certan thing and sometimes a little pseudocode is a good place to start.
- 12 I would've appreciated a much more difficult assignment on AVL and Btrees instead of just coping from the book. More structure would be nice(although I do appreciate how fluid the course is too)
- 13 Not appending "Type" to the name of every abstract data type even if the book does
- 14 After a couple assignments wean students off of compilable assignment shells. It is better to have to make the entire assignment after the initial shock of the course has passed.
- 15 No Response
- 16 Can't think of any
- 17 harder assignments.
- 18 No Response
- 19 Get somebody else to teach it and/or use a book that can flow the information instead of the professor.
- 20 The book wasn't terribly useful. Brad seemed to know more about the topics than the author so my time was better spent listening to him than reading the book.
- 21 It would be nice if there were suppose to be status updates throughout the final project to ensure group member's participation.

3. Please feel free to write any additional comments about this course or instructor.

- 1 Brad is a great and motivated professor. He has a way of lightening the mood even when it comes to serious homework assignments that were tough. He is also very helpful outside of class if you need help. The course was tough but I feel it was necessary and that I am taking away a lot with me.
- 2 No Response
- 3 No Response
- 4 Brad you are my favorite CS instructor keep it up! -CW



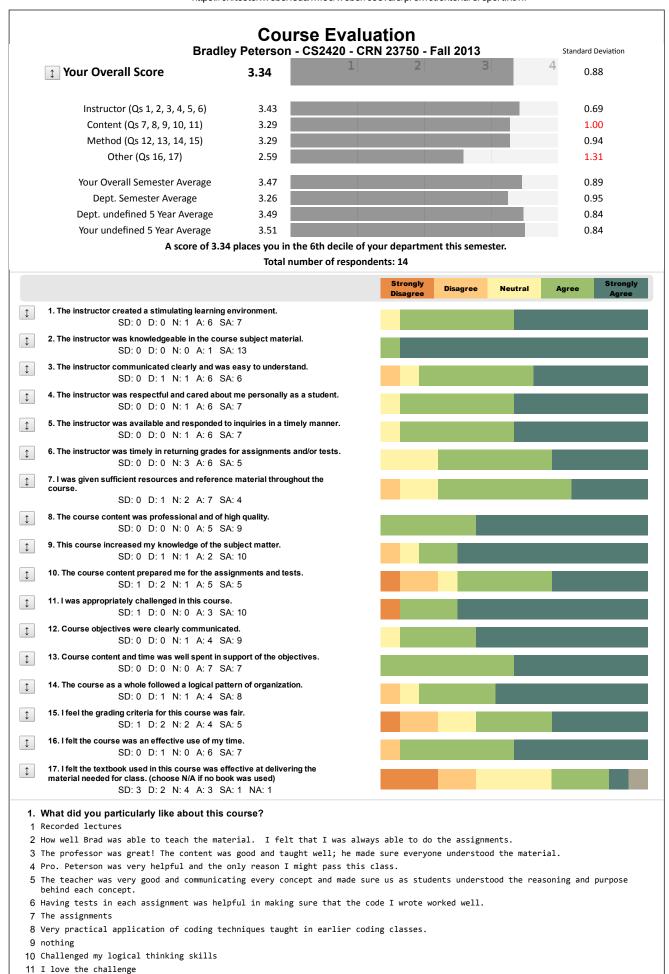
- 5 No Response
- 6 No Response
- 7 I like Brads sense of humor it makes class more enjoyable and entertaining. He still manages his time effectively and stimulates learning. He seems to genuinely care about the students and he makes himself available when they need him.
- 8 fun class
- 9 No Response
- 10 No Response
- 11 No Response
- 12 Figure out the next number in the sequence -

1 11 21 1211 111221 312211 13112221

I'm not sure what I'm supposed to write in this box. Since the two previous boxes are for positive and negative comments is this box for like neutral comments? If I feel neutral about something why would I comment it at all?

- 14 More feedback on grading assignments and what was wrong with them specifically and how to complete them. Faster grading timeframes for assignments as well. Sometimes the class progresses quickly while students may still be wondering how/if they went wrong in previous concepts on assignments.
- 15 No Response
- 16 The instructor is excellent he spends time making sure we understand what is being taught.
- 17 the assignments were frequently extended. I feel that this was not necessary. Homework assignments would have been much better if they were more challenging for the time allotment or if there were more assignments.
- 19 Brad spoke to me the 2nd day of class and said to me "When you are having problems I won't help you in this course." this because I was concurrently enrolled in 1410 which was apparently a pre-req of the class. I didn't know this the system allowed me to register and with adequate assistance I probably could have passed this class. Even dismissing the conversation where he said he wouldn't help me when I had problems Brad constantly belittled students after asking for questions and feedback. He would ask if people had questions and when they did he would gripe and ask who their 1410 professor was and sometimes he would get around to actually answering their question. About halfway through the semester after being told I wouldn't receive any help from Brad and having seen how students were being treated for having questions I decided to try to follow the book and try to do the assignments from that. If Brad doesn't want to teach he should at least provide assignments that can be attempted from material that flows from the book but that certainly wasn't the case either. There is no doubt in my mind I will fail this class and I take full responsibility for it. But what bothers me is to think Brad is going to railroad other students and belittle them to the point of losing interest from the program from the school or from other similar life achievements. In my opinion Brad should work in industry not in education/academia.
- 20 I really appreciate the amount of work that Brad must have put in to cook up challenging assignments for us. I wish I could rate Brad higher in the "knowledgeable" category because he REALLY knows his stuff and it was really great to have him share his expertise with us.

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nttps://cnitester.weber.edu/misc/weber/csevals/promotiontenurereport.ntml
                                      © 2014 Weber State University
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12 No Response

- 13 The online videos
- 14 I enjoyed the assignments. I felt they related to the materials covered and I enjoy figuring things out.

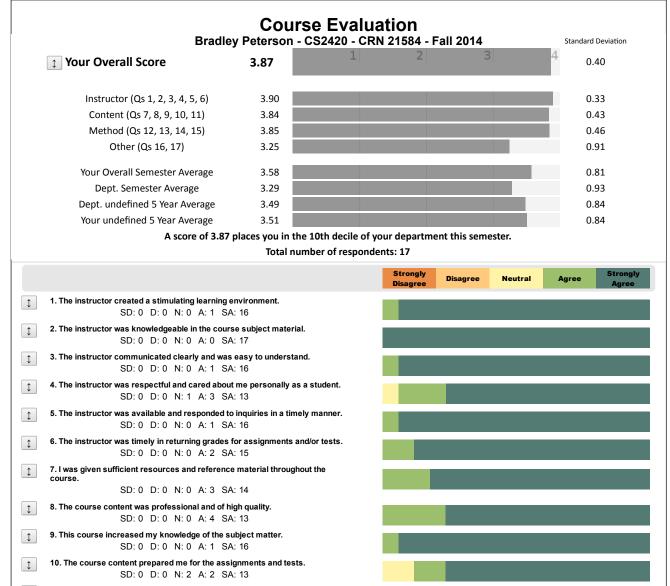
- 1 No Response
- 2 Give more opportunity for coding from scratch. A lot of the assignments had todo statements throughout the program which were very helpful but they made it very easy for me to code the assignment without actually learning what I was doing. This was very useful for initially learning something such as how to create a template but then after learning the concept there wasn't much chance in the following assignments to implement those things from scratch.

Also using the textbook more might be helpful for some people. The was the course was structured was ok for me because if I had any questions the teacher was very quick to reply but to have the ability to flip to the textbook and find the answers myself could be nice.

- 3 N/A
- 4 I feel like all the time and effort spent on these programs does not reflect my grade. Also the final should be worth more than the midterm since the final covers everything we learned.
- 5 More assignments that we create from start to finish or at least with very little code from the instructor.
- 6 Maybe a couple more assignments of writing code from scratch.
- 7 No Response
- 8 Nothing.
- 9 stay consistent with the assignment criteria.
- 10 More From Scratch Assignments
- 11 I want to say less hand holding but then again i loved it....
- 12 No Response
- 13 More code examples.
- 14 Some of the topics felt a little rushed.

3. Please feel free to write any additional comments about this course or instructor.

- 1 One of the most challenging courses.
- 2 No Response
- 3 No Response
- 4 Best CS Prof. I have had at Weber!
- 5 Thank you Brad! I Wish all my teachers taught in the way you did and were as great as you. All teachers should have and use one note instead of writing on the white board and they should also record all classes.
- 6 No Response
- 7 No Response
- 8 Personally I thought the whole "we halved your score because you turned it in late" was a bit harsh. I was more inclined to turn in an incomplete assignment rather than stay up an extra hour or so to finish it. However I do realize that a penalty is to be expected for late work. Other than that I thought the course was well-organized and well taught.
- 9 This was the most frustrating and exhausting class I have taken thus far. I spent too much time working on homework just to do poorly on the assignments. All I felt after completing the assignments was anger and frustration about how much work we had to do and insufficient resources to complete the assignments.
- 10 No Response
- 11 No Response
- 12 Professor Peterson is a great professor and is very good and getting things clear and working with Students. I appreciate your help!
- 13 I wised that the assignments were wighted more since I put a lot more effort in the assignments then the exam.
- 14 I enjoyed the class.



11. I was appropriately challenged in this course.

SD: 0 D: 0 N: 0 A: 0 SA: 17

12. Course objectives were clearly communicated.

SD: 0 D: 0 N: 0 A: 2 SA: 15

13. Course content and time was well spent in support of the objectives.

13. Course content and time was well spent in support of the objecti SD: 0 D: 0 N: 0 A: 1 SA: 16

14. The course as a whole followed a logical pattern of organization.

SD: 0 D: 0 N: 0 A: 2 SA: 15

15. I feel the grading criteria for this course was fair. SD: 0 D: 1 N: 0 A: 2 SA: 14

3D. 0 D. 1 N. 0 A. 2 SA. 1

16. I felt the course was an effective use of my time. SD: 0 D: 0 N: 0 A: 2 SA: 15

3D. 0 D. 0 N. 0 A. 2 3A. 13

17. I felt the textbook used in this course was effective at delivering the material needed for class. (choose N/A if no book was used)

SD: 0 D: 0 N: 9 A: 1 SA: 1 NA: 6

1. What did you particularly like about this course?

- 1 LOVED LOVED LOVED LOVED that the lectures were available on YouTube.
- 2 I loved everything about this course. It was really hard for me but I was able to overcome the material with a strong workethic. I learned so much in this class. I feel it really helped me prepare myself for the real world. Coming into the class I didn't feel confident about my programming skills. after the first three assignments I felt I could go back and re-write every single 1410 assignment confidently. I also liked how much Brad cared that students understood the material. He often went extraordinarily out of his way to make sure that each student understood all of the material well enough to complete the assignments. He also made the learning environment fun by expressing his inner nerd and using examples from entertainment to effectively teach material.
- 3 The class was very engaging and the professor made sure that everyone understood the material well before moving on
- 4 I like your teaching method. Makes things easy to understand. I liked having the lectures available online. Being able to ask you questions via g+ was nice although I can see that being annoying for you.
- 5 Peterson made the lectures humorous and enjoyable to learn.
- 6 No Response

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- 7 Recorded lectures for later viewing Online class participation.
- 9 The instruction quality was hands down the hest T've even had. Drofessor Detensor billed it brosked it out of the name and

- o the instruction quartey was hands down the best I we ever had. It dressor reterson killed it knocked it out or the park and overall was incredibly helpful.
- 9 I loved all the in class examples they really helped me to learn the material.
- 10 Wide range of useful/ important topics.
- 11 The way the professor broke down all of the assignments into english the lectures being broadcast with google and then later saved on youtube made it easy to review the material.
- 12 I liked how the professor cared about the students and if the students were behind he would extend some assignments to help the students as a group.
- 13 This course was definitely a challenge for me but I feel like I am coming away with a good understanding of data structures and more refined programming skills. I like the challenge and the way the course has refined and developed my skills.
- 14 Every thing in this class.
- 15 I learned how to use a lot of things within C++ that I felt I didn't have a great understanding of from my 1410 class.
- 16 Brad Peterson is the best computer science teacher I have had thus far. While this is supposed to be one of the hardest CS courses it honestly has been my favorite. Brad is really great at communicating things very clearly and making sure the material is understood and is always available to give one on one help whenever it's needed. I was also glad that he took time to explain things that weren't directly relevant to our assignments but that were useful in the computer science field in general.
- 17 Brad made the material easy to understand by walking through each subject step by step and using examples to clarify. Class time was used efficiently to cover course material yet there was time for the occasional comic relief that made class much more enjoyable. I really enjoyed the teaching style. The class was challenging but I felt like I was kept up to speed by the lectures and was able to perform well on assignments quizzes and exams. This has been one of the most accessible classes I've ever had meaning that lectures were given in person as well as posted online everyday to review. Brad was also available outside of class to help with assignments and answer questions

- 1 No Response
- 2 The one thing I didn't like much were the participation quizzes. I don't find it necessary to have to require that of students. If they want to not pay attention and fail that's their own business. However each lecture was made available to any student at literally any time. So there's no reason or excuse a student couldn't complete them unless they deliberately chose not to do it. And in my case it didn't really matter anyway since I actively participated in each and every lecture for my class time. I easily completed them the second they were given. I do understand why it was instilled though.
- 3 I wouldn't change anything about this course
- 4 I think it would have been beneficial to have the participation quiz going on the whole semester. Yeah it is kind of tedious and shouldn't be needed but I think it would have helped. I got a little bit behind on the lectures and when you implemented the quiz I was forced to catch up but by then I had kind of gotten into the habit of not going to class and just watching the lectures. Perhaps attendance or something would combat that. I know I did show up every time for my 8:30 class with mandatory attendance.
- 5 None
- 6 No Response
- 7 TEST PREP the test are hard and are covered on material that is skimmed over in class.
- 8 I wish I had a better way to say this but this course needs to slow down. I felt like instead of gradual/incremental difficulty the class went from pretty-hard-but-understandable-and-followable to close-your-eyes-and-hold-on-for-dear-life from assignment 4 onward. "It's like drinking from a fire hose!" is a great analogy.
- 9 No Response
- 10 Needs better connection of big-o notation to assignments.

Needs more time on shortestPath assignment. Better explanation also.

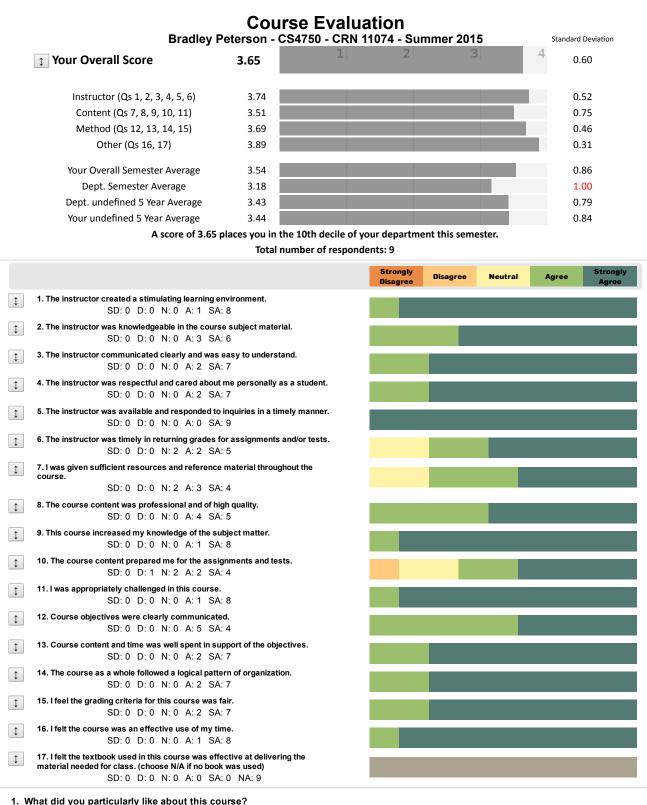
- 11 A better textbook maybe.
- 12 NA
- 13 I can't think of any improvements for this course. The assignments were reasonable and practical. The lectures were clear and logical. I didn't feel like I was wasting my time in this course. No suggestions for improvement.
- 14 More coding in exam and fewer multiple choice would be better.
- 15 I would have liked to see actual code on some of the concepts discussed the ones that did not have a related homework project associated with them. I felt a few things near the end were more complex than earlier ones and had less time devoted to them; this could be purely because I am more interested in graphs and pathing algorithms than sorting ones though.
- 16 None that I can think of.
- 17 I can't think of any this class surpassed most others by a landslide in making sure everyone understood the material and also being able to sit through a 2 hour lecture and still have a good time.

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 Brad Peterson is literally the best professor I've ever had at Weber State and I've been attending classes continuously since fall of 2008. He is incredibly knowledgeable in the Computer Science field and he is incredibly generous and helpful with that knowledge. Whatever happens in the future with this University he is to stay until the end of time. He's greatly increasing the quality of Computer Science graduates and therefore you should greatly increase his salary. (or something nice like that. Seriously.)
- 3 No Response
- $\ensuremath{\mathbf{4}}$ Great class look forward to taking further courses from you.
- 5 No Response
- 6 No Response
- 7 No Response
- 8 It might give away who I am but I've taken this class before several semesters ago. This class was night and day different from my previous experience. Professor Peterson was likable relatable I felt like he cared that we knew the material he didn't feel overly-arrogant; rather he was simply knowledgeable and helpful and I actually felt like I learned a lot more of the material this time around. I honestly can't say enough good things about him from the way he taught to the methods he used to the mediums he offered Professor Peterson was amazing this semester and I very much appreciate it. The content is hard without breaking the course up into 2 separate ones I really don't know how you could slow it down but that would be my only constructive/improvement feedback I have to offer.
- 9 No Response
- 10 No Response
- 11 No Response
- 12 NA
- 13 Great class. The instructor taught the subject well and was available for extra instruction/help.
- 14 No Response
- 15 Peterson's classes were always fun and he took as much time as needed to ensure that the concepts were learned. Posting all the lectures online was extremely useful when wanting to review materials.

16 No Response

17 Brad was awesome! I would take the course again luckily I won't have to because it was taught well



1. What did you particularly like about this course?

- 1 No programming guidelines (like real programming). It is essentially a short internship.
- 2 Fun and exciting course
- 3 No Response
- 4 I liked the fast paced style that Professor Peterson likes to use in his classes. Developing in this course was fun and working in a group makes it enjoyable.
- 5 Challenging real world experience
- 6 I like the fact that the class is not set to any specific programming class or anything. It's driven by client and student knowledge and willingness of learning new stuff and working as a team. It gives me experience of how it is like to work for a client in real world.
- 7 Flexibility of the class Brad is an excellent instructor and relaxed environment
- 8 This course help simulate real world atmosphere in software development. We got put in groups got our project from a client and then told to make it happen.
- 9 Good blend of teacher input and self work. We had assistance if we needed it but were left to work if we didn't.

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https://chitester.weber.edu/misc/weber/csevals/promotiontenurereport.html
2. What improvements would you suggest for this course?
1 None.
2 None
3 No Response
4 I feel like the course is already a good one. I enjoy the way that Professor Peterson teaches and this course is no different.
5 The whole group getting docked points if one person doesn't follow through is a little frustrating but so is life so yeah.
6 I think i like the way it is right now. As a team of engineer we need to figure out a way to solve problems with or without
  instruction. and the same with tools and materials. We just need to figure out what and how to use the tools.
8 No Response
9 No Response
3. Please feel free to write any additional comments about this course or instructor.
1 Brad is a great combination of open-ended or not-so-rigid guidelines (there were few specifics mentioned in what we will accomplish) and pushing us to get a real dynamic functional application shipped for an organization. This is one of the two or
  three best courses I've taken in the CS department.
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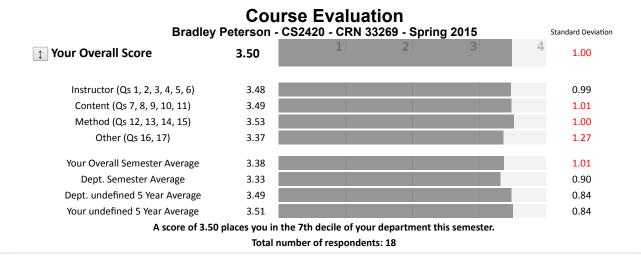
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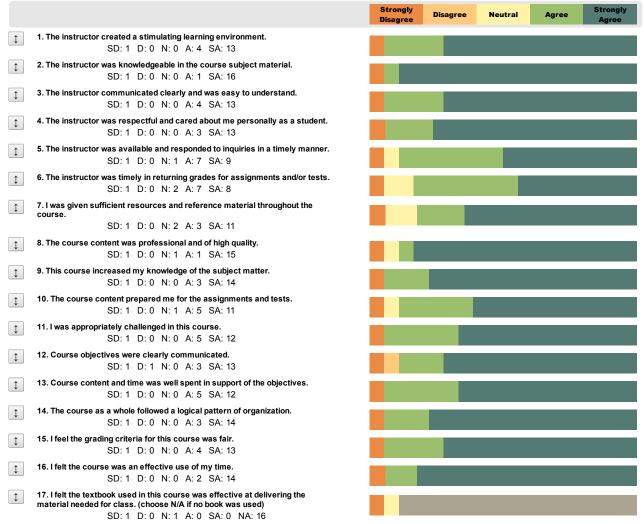
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- 3 No Response
- 4 No Response
- 5 Good class.
- 6 I like the way Brad teach this class. Even though there is not much of teaching but he gives us free boundary of what to do and how to do it. It is exactly what a 4750 student need for his or her last class to prepare for the real world after graduate.
- 7 No Response
- 8 Instructor was available for any questions we had but ultimately it was up to the group to figure the project out. This was beneficial because it forces students to learn on their own.
- 9 No Response





1. What did you particularly like about this course?

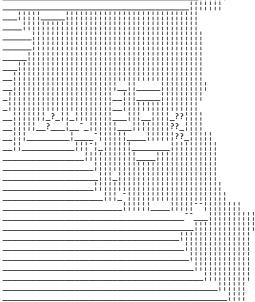
- 1 I really liked the videos
- 2 Brad made it fun it was very nice to be able to go re-watch lectures that actually applied to my classroom lecture to be able to see what an answer was to what another student asked
- 3 I like how Brad helped explain the topics and when writing the code would not just give the answer but make us debug it helped force me to understand the code better.
- $4\,$ How the assignments made us think on how to use the given materials.
- 5 Flexibility Engaging lectures Comical videos
- 6 Pushed us hard. Also Brad is pretty understanding
- 7 I loved learning about the different structures and algorithms. It has helped me think more about programming as well as different ways to program the algorithms
- $8\ \mbox{I}$ like the fact that the teacher was engaging and very easy to approach.
- 9 No Response
- 10 I enjoyed the fact the he records his lectures live in class and uploads them right away. That was extremely useful.
- 11 No Resnonse

- 12 The way that the instructor flows through the material at the students' pace is great. I love the flexible environment of the class. I do not think that having a flexible class means you can't outline your objectives however. See below.
- 13 No Response
- 14 I very much liked that there was a back bone code given to us which stated that our code passed or didn't. This was a really nice way to check yourself to make sure you didn't make any mistakes.
- 15 I loved how challenging it was and how it made me really think about how to solve the problems presented
- 16 I like the ability to watch the lecture at anytime through google talk.
- 17 Brad is amazing at helping everyone understand the content of what we are talking about. I didn't have a great 1410 teacher and I was a little worried about if I was going to be able to pass this class. I was able to pass because Brad really takes the time to help his students. He is a prime example of an A+ teacher. There's no other way to explain it.
- 18 No Response

- 1 I would not mind reading assignments I learn well that way even though it takes a lot of time.
- $2\,\,\mathrm{I'd}$ like review on some of the more difficult quizzes where I had to brute force them into passing
- 3 NONE :)
- 4 Reviewing the quiz material the following class.
- 5 Review of important topics before a test
- 6 teach at ogden campus. I feel like at this point I should be able to know syntax off the top of my head better but I always have to look everything up. Is there quiz questions or something that could help us memorize a lot of the basics
- 7 The test study sheet needs to be refined because there were some questions/topics on the test that weren't on the study guide.
- 8 It's good but needs more cowbell. Maybe aim quizzes more at covered lecture topics to help solidify information covered in the lectures. Other than that more cowbell.
- 9 No Response
- 10 Nothing major.
- 11 No Response
- 12 I realize that you can't please everyone. To please me however I would've liked to have the instructor post the exams and assignments in the gradebook before hand (even if they were blank placeholders) so that in canvas I can go into the gradebook and "What-If" on my scores to see where I stand. Not a huge issue I just feel it would have been useful for me.
- 13 No Response
- 14 I don't like when you allow the students in the class to discussion and try and solve the problems because you can't hear the answers on the videos and it makes it incredibly hard to follow. While working through problems are helpful if you could very clearly state what the steps were after it was decided on then it would be easier to follow.
- 15 Keep on recording your lectures that was a huge benefit!
- 16 Review of quizzes. A bit more hands on with concepts so they set in. This means coding a bit more.
- 17 I think the exams are weighted heavy. I did really good with the assignments and participated a lot I believe but the exams are what brought me down. I felt like I knew the topics well but still did only mediocre on the exams.
- 18 No Response

3. Please feel free to write any additional comments about this course or instructor.

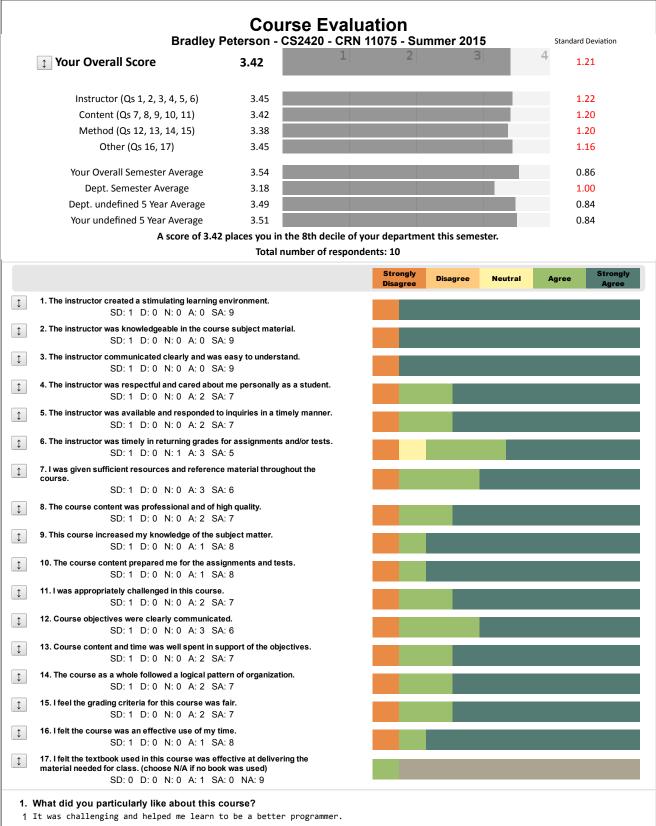
- 1 One of the better computer science professors
- 2 May want to figure out with your participation quizzes how to disguise them either that. I know a few students just used closed captioning on your videos to skim for the code :)



- 3 Keep up the good work Brad! I took this class a second time and would not take it with a different professor cause I knew you would help me succeed! I even drove out to Davis Campus every week just for this class.
- 4 This was a great class. It was challenging and made me learn more than I have before in a CS class.
- 5 No Response
- 6 Today we are teaching poodles to fly.
- 7 Brad is an amazing teacher and I hope to see him in further upper division courses.
- ${\bf 8}$ BRAD IS TOO HELPFUL AND CARES TOO MUCH ABOUT HIS STUDENTS
- 9 No Response
- 10 I like Brad. He does have a little bit of a reputation as being a mean or scary instructor. I can sort of see where those people are coming from but for the most part I think he is a fair grader and he clearly loves all things CS and he likes to have fun in class. Sometimes the fun comes at the expense of students but I'm sure if someone felt offended and felt that it was more than

- light-hearted fun he would not do that anymore. I personally don't mind it. He gives us the tools to be successful but it still takes work.
- 11 No Response
- 12 No Response
- 13 No Response
- 14 The professor needs to have a little more control of the classroom. A lot of the louder students are really disruptive and make it hard to listen and hear anything else that is happening.

 More coding would be nice too to really understand the logic that is happening in the code.
- 15 This Professor Brad Peterson is a top notch excellent professor. He really wanted each student to succeed and learn the material. He would do everything he could to help us! He is the only professor I have had that I felt like was in my corner and was trying to help me succeed.
- 16 All things considered I think this course was well organized and helped me grasp concepts.
- 17 I would take every class from Brad if I could. He explains things well and challenges you. You work hard in class and if you keep up with the information he makes sure you pass. I feel like a lot of professors would be just as good if they recorded their class like Brad does. That was amazing. I would love to re-watch my lectures in all my classes because I learn more when I go back and listen to them again.
- 18 No Response



- 2 Everything. What's not to like? Brad's class structure is something to be emulated throughout the entire CS department. I especially liked that I wasn't penalized for going through the course material at my own pace.
- 3 I didn't have to use a textbook (yay!) also the teacher was very personable and quite humorous making class enjoyable to watch.
- 4 I feel very confident in my choice of Strongly Agree on all points. Brad Peterson is a very professional personable and excellent teacher. Often times I feel some professors at Weber State know their material but lack the skill-set of an educator. Brad does not have this issue.

Through some magical means he can travel at just the correct pace through material that no one get's left behind while at the same time providing enough challenges for those that learn quick. He will often stop literally every 5 minutes or 2 minutes depending on the content and ask if everyone understands the topic. He wants to make sure no one get's left out. He understands that usually the majority of students don't understand things the first time and the ones that do understand are the only ones that answer to say that they do. IE: He knows when your confused you often don't speak up. He makes sure that a concept is properly understood by all. I really want to highlight the fact he really pushes concepts NOT memorization. I think this is an important way of teaching most professors miss. By teaching concepts I am now able to understand the Data Structure and Algorithm concepts well enough to write most of them without reference material. (Would need reference for some Sorting

Algorithms we really didn't cover much). Most other classes I have had to keep reference material or write some stuff afterwards just to ingrain the concepts in my head. And I have even taken CS3030.

He also is easy to reach. Add him on google+ and you'll get him at all hours of the day. Is he even paid on his time off? I think he just loves code!

Brad also leverages common sense technologies to cater to his students convenience. Having each lecture recorded on youtube to watch over and over was an immense help to understanding the material-which in turn is the reason I have learned so much and subsequently have an almost perfect grade. Google plus is also a perfectly simple and reliable platform for remote attendance. Brad understands that stringent structures with in class hand written/typed notes is NOT how people naturally learn. If every professor had a teaching structure like Brad's I could bet both my cats and my dog that the drop out rate of the CS department would halve in one semester.

This is not brown nosing when I say Brad Peterson is the best professor I have had at Weber State and I would seriously consider querying his methods for implementation in all classes. It is for the benefit of all students and for Weber State (in terms of keeping students in the program and increasing success rates).

- 5 Assignments were well-thought-out and the mixture of lectures and lab time was useful.
- 6 Having the lectures recorded the teaching style of the professor.
- 7 Peterson
- 8 Made it an environment where you weren't afraid to ask questions. Keep it up!!
- 9 It was challenging and fun. I learned a lot.
- 10 No Response

2. What improvements would you suggest for this course?

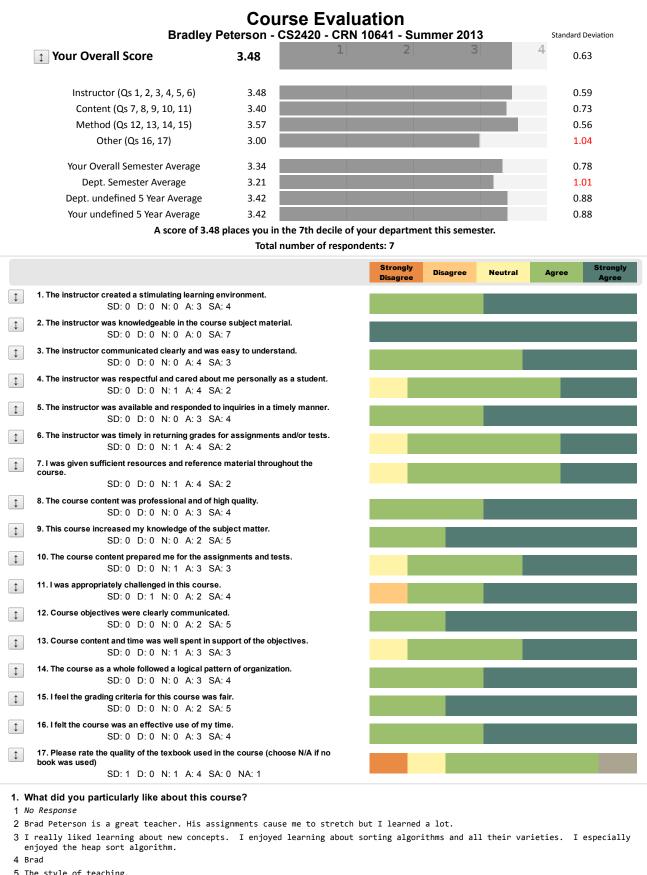
- 1 No Response
- 2 A theme song?
- 3 For this class none. For all other courses put your lectures online to watch-- it certainly helps!
- 4 The only thing I would improve is more a departmental thing. Implement general practices from Brad's style to other CS classes.

Specifically

- Teach concepts not memorization
- Encourage discussion forums (disapprove of handing out answers of course)
- Allow remote attendance through Google+
- Don't weight the attendance but heavily weight the actual work
- Record every lecture
- Treat every student equally regardless of grade
- 5 It would help if assignment instructions were more standardized as they were sometimes spread out between the assignment page pdfs and commented code.
- 6 More consistent length of lectures/lab time.
- 7 Improve any professors that teach this course that aren't Peterson
- 8 N/A
- 9 I don't really have any improvements I have no complaints about this course
- 10 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 1 The teacher was awesome and did a really good job at explaining and made sure everyone understood the content of the class. He was fair at grading the homework and tests and extended due dates for homework when needed.
- $2\ \mbox{Great}$ instructor I will keep an eye out for future classes taught by Brad.
- 3 One of the most enjoyable classes I've taken and I hope to be in a class with you again!
- 4 Star Citizen looks good. Hope it actually releases one day.
- 5 No Response
- 6 No Response
- 7 Peterson for President 2016
- 8 No Response
- 9 No Response
- 10 No Response



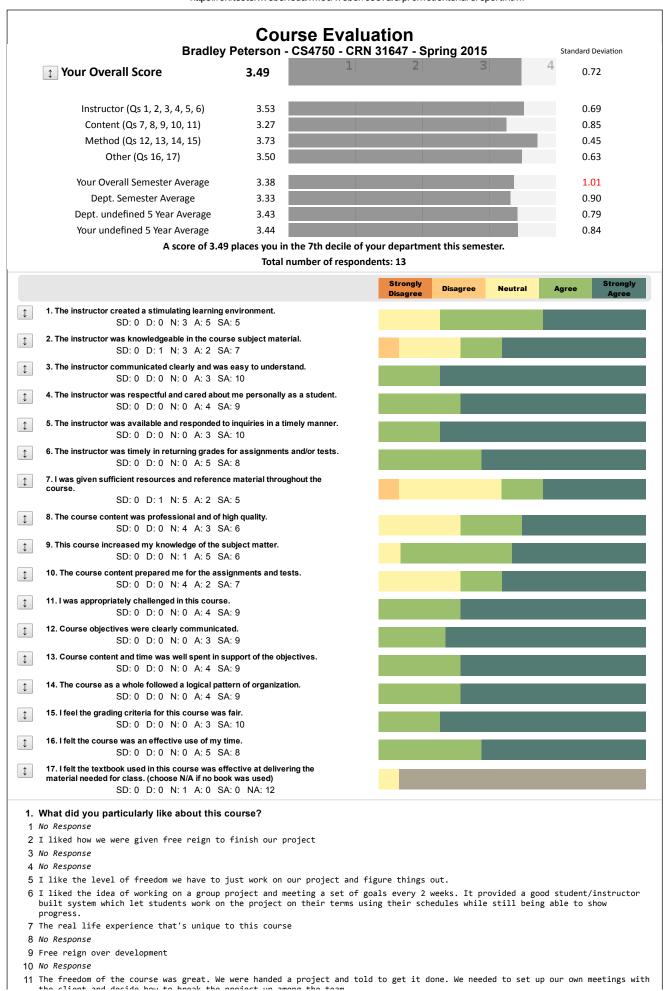
- 5 The style of teaching.
- 6 The teach is very good at teaching and I liked that the lectures are recorded so you can watch them again... and again if needed to finished the home work.
- 7 No Response

- 1 No Response
- 2 No Response

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3 I would suggest some better resources for students. Tutoring and such.
5 No Response
6 I was not prepared for the class from the 1410 class.
7 No Response
3. Please feel free to write any additional comments about this course or instructor.
2 It was a great class that I know the skills will come in handy in future classes.
3 I liked Brad and have overall enjoyed this course.
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5 Brad is awesome.
6 Brad I know you like to know why your students stop coming to class. I was one of those students. I had 3 classes that I could not get behind in this semester and I became overwhelmed between the 3 classes and I got a low score on the midterm and got discouraged and felt I needed to take the class again. so I let your class suffer to keep up in the other classes. I will see you
 again soon.
7 No Response
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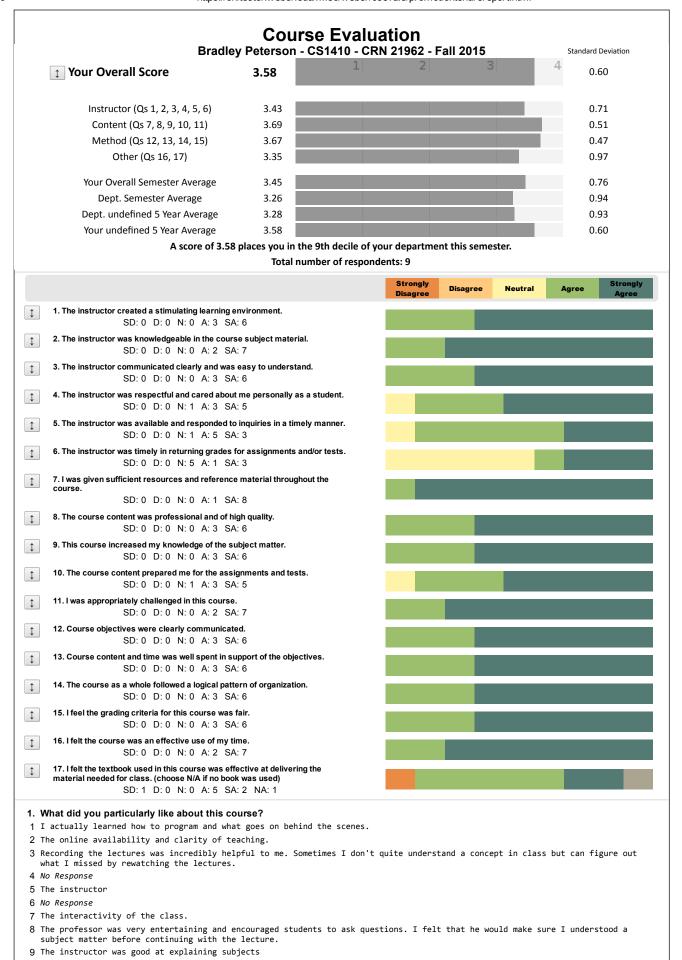


- the citem and decide now to break the project up among the team.
- 12 That I was able to continue on the project I started in CS3750. Also I liked that I was challenged by the language we chose to build the application in. Definitely a learning experience.
- 13 No Response

- 1 No Response
- 2 None.
- 3 No Response
- 4 We needed access to something like pluralsight. The "free time" offered from dreamspark wasn't long enough.
- 5 Doughnuts?
- 6 Our particular project ended up with some severe scope creep with things being asked way outside the original design. (Of course scope creep comes as part of the job but it was way overboard.) My guess would be that this is not normal but it makes it hard for students to complete a project and provide a final solution.
- 7 No Response
- 8 No Response
- 9 None
- 10 No Response
- 11 No Response
- 12 Nothing it was structured just right. Anything else would have gotten in the way of working on the project.
- 13 No Response

3. Please feel free to write any additional comments about this course or instructor.

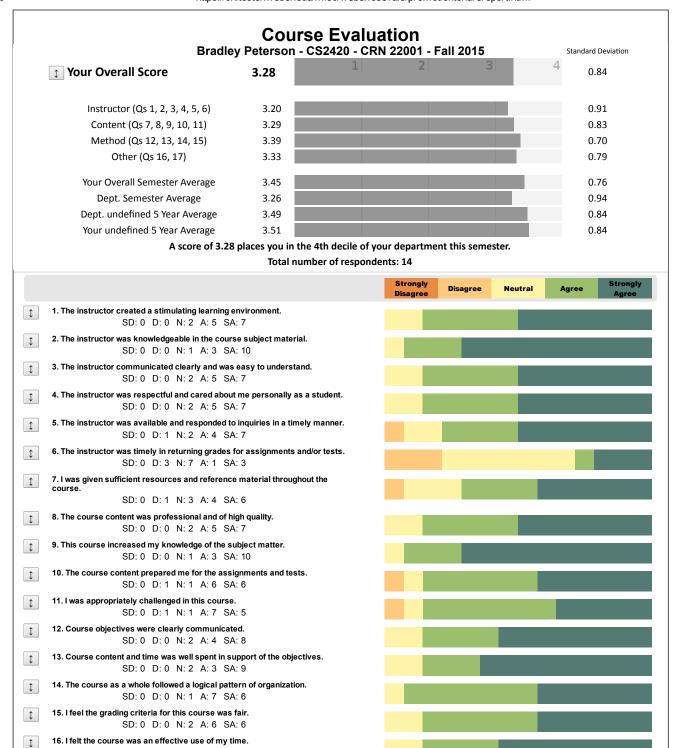
- 1 No Response
- 2 No Response
- 3 No Response
- 4 No Response
- 5 No Response
- 6 Professor Peterson has always been an awesome instructor and I am glad I could take a course from him one last time. Thanks WSU for the degree! :)
- 7 No Response
- 8 No Response
- 9 Brad is always the best.
- 10 No Response
- 11 No Response
- 12 Great Instructor always an honor to learn from him.
- 13 No Response



- 1 None!
- 2 No Response
- 3 No Response
- 4 No Response
- 5 No Response
- 6 No Response
- 7 No Response
- 8 Sometimes it was hard to follow the examples in class because the professor typed so fast. The online lectures were great resource. I sometimes wished that I could understand the thought process of the professor and how he would come up with examples because it would be great to emulate it.
- 9 not sure

3. Please feel free to write any additional comments about this course or instructor.

- $\ensuremath{\mathsf{1}}$ Best teacher ever. Would take all my classes from him if I could.
- 2 No Response
- 3 No Response
- 4 No Response
- 5 Awesome instructor! Made me want to go to class and be there
- 6 No Response
- 7 The instructor kept the class interested and had seemingly vast knowledge of the materials covered.
- 8 I enjoyed this class very much I thought I would be very tired since it was a late evening class but the professor kept the class engaged the whole time.
- 9 cool instructor



1. What did you particularly like about this course?

material needed for class. (choose N/A if no book was used)

- 1 I love programming!
- 2 Flexible scheduling for assignments if needed.
- ${\bf 3}$ The teacher was very open to questions and explained things well

SD: 0 D: 0 N: 1 A: 0 SA: 0 NA: 13

 $SD: 0\quad D: 0\quad N: 2\quad A: 4\quad SA: 8$ 17. I felt the textbook used in this course was effective at delivering the

- 4 OOP and C++ became a lot clearer in this semester more than the rest of my semesters combined. Also information was presented very clearly.
- 5 I liked that we were sufficiently challenged and that the instructor was understanding and frequently checked with the class to see how everybody was doing with assignments to allow the course to be as accommodating as possible.
- 6 No Response

1

- 7 No Response
- $8\ \text{The content}$ was all available online so if I needed to review anything it was all there for me.
- 9 It was a step further into programming and understanding many common algorithms. It was an invaluable class and Professor Peterson was incredible. I took it online and found myself talking to my computer screen while watching the recorded lectures even though I knew that nobody was listening (because it was a recorded lecture). Although the class was online Prof. Peterson made it very clear that online students were welcome to attend lectures in person or to log onto Google Hangouts and interact

with the class that way.

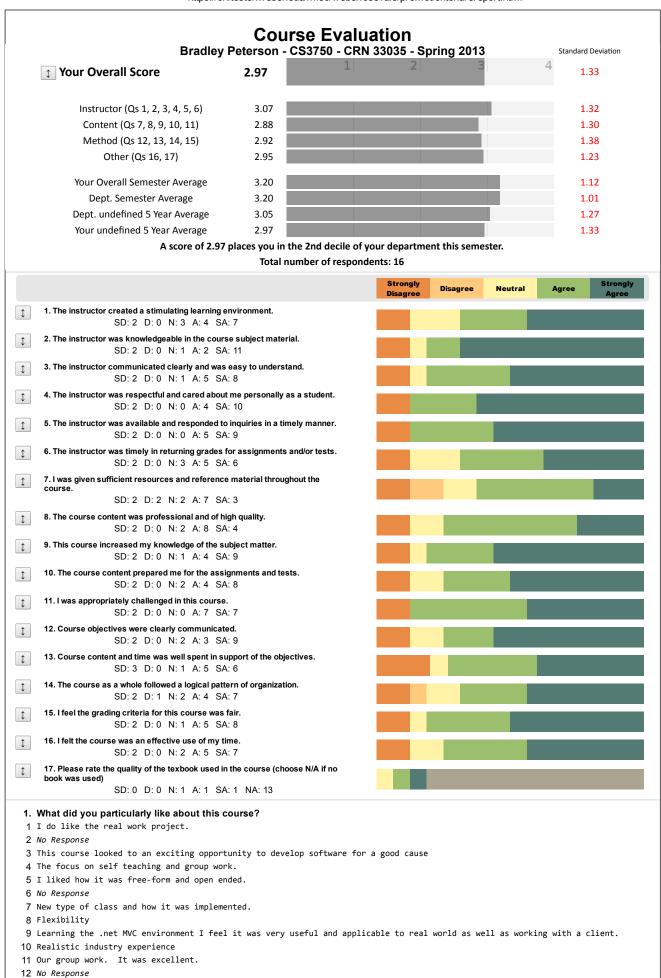
- 10 I liked that I could work on this class at my pace.
- 11 assignments were tough but not impossible. Had a good sense of accomplishment when completed.
- 12 Learning the implementation specifications and functionality of data structures and algorithms.
- 13 No Response
- 14 This course has a lot of career applications and really helped me to think about code in efficient ways.
- 15 No Response

2. What improvements would you suggest for this course?

- 1 No Response
- 2 Assignments based closer to class discussion.
- 3 No Response
- 4 Grading taking place a little sooner (even with student graders) It helps me gauge my semester better knowing my grade along the way not just at the end of the semester.
- 5 just give a better idea of expectations on the exams particularly the coding parts of the exams.
- 6 No Response
- 7 No Response
- 8 Assignment 8 was not explained perfectly but I was able to watch the video several times and clear it up for the most part. I would have liked to learn a little more about the how and why of big O notation in terms of math.
- 9 Debugging. During my entire 1410 course we ran without the debugger in Visual Studio so when you first used the debugger in class I was really unfamiliar with how it functioned. Up to that point I had been using what my dad refers to as "the poor man's debugger" (basically what you told us we had to use when using multiple threads). Sometimes I still revert back to my "poor man's debugger" because I am still more comfortable with debugging that way than using Visual's built in debugger. Which is silly and a waste of time I know.
- 10 I did not feel I was adequately prepared for the Midterm or the Final. Also quizzes did not show up on calendars.
- 11 none
- 12 I can't think of any.
- 13 No Response
- 14 No Response
- 15 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 1 Thanks Professor! I found this course challenging but in a good way.
- 2 No Response
- 3 No Response
- 4 Found this class very interesting and enlightening. Well done.
- 5 Really enjoyed the assignments in this class. Learned a lot. Very good professor. Wish I had him for all my CS courses at this point
- 6 No Response
- 7 No Response
- $\ensuremath{\mathbf{8}}$ He was very knowledgeable and explained things clearly.
- 9 Excellent course and instructor definitely recommended!
- 10 No Response
- 11 good class
- 12 I feel the instructor did a great job of explaining everything especially with regard to the difficulty of some of the concepts.
- 13 No Response
- 14 Brad does a great job. I enjoyed this course with his instruction.
- 15 No Response



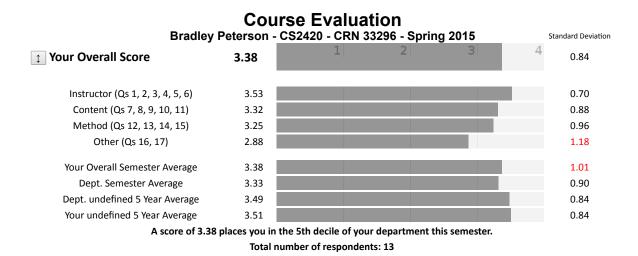
13 No Response

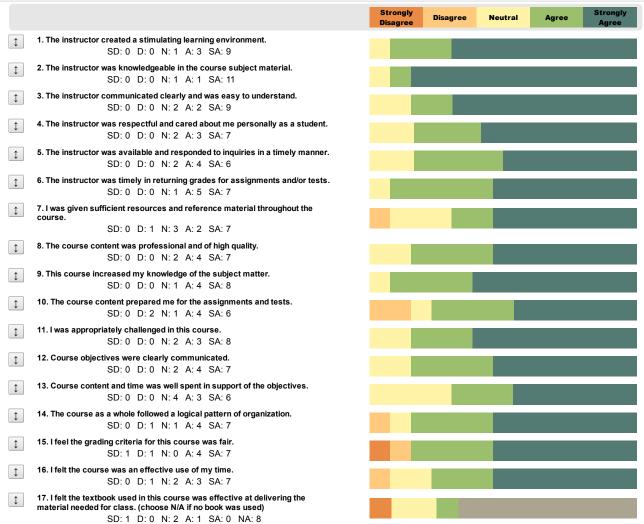
- 14 I liked that our group was trusted to get our project done and that we were able to meet when it was convenient for us.
- 15 I loved this course for its "real world" application. I felt that it was a great way to expose students to a typical work environment. Very beneficial course!
- 16 No Response
- 17 No Response

- 1 I think it would have been better if I had more time learning individually the coding language.
- 2 No Response
- 3 Find a project that is more feasible in scope for the class. Encourage students to use a framework that can be easily used by everyone.
- 4 Maybe a little more involvement with professor.
- 5 I'm not sure.
- 6 No Response
- 7 Individual assignments are a must. Very little participation from the seniors in the group which led to overwork on my end. Distribution of seniors who actually know what they are doing is very important. Just because somebody explains they have work experience does not mean they do. Simple tests can show otherwise.
- 8 Great course
- 9 More documentation and learning time early on in the course.
- 10 No Response
- 11 I really enjoyed the course. I have no suggestions
- 12 No Response
- 13 No Response
- 14 none
- 15 No Response
- 16 No Response
- 17 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 No Response
- 3 The course was not bad just open enough to cause major problems with organization
- 4 Very interesting fun format for a class.
- 5 No Response
- 6 No Response
- 7 More options for projects. The partner involved did not know what they want and they are trying to implement things they don't even have in place manually.
- 8 Good job
- 9 Brad is easily the best CS teacher Weber has. I've never had a class with him that didn't push my CS knowledge to a new level.
- 10 No Response
- 11 No Response
- 12 No Response
- 13 No Response
- 14 I really liked how this class was taught.
- 15 Great Course and instructor!
- 16 No Response
- 17 No Response





1. What did you particularly like about this course?

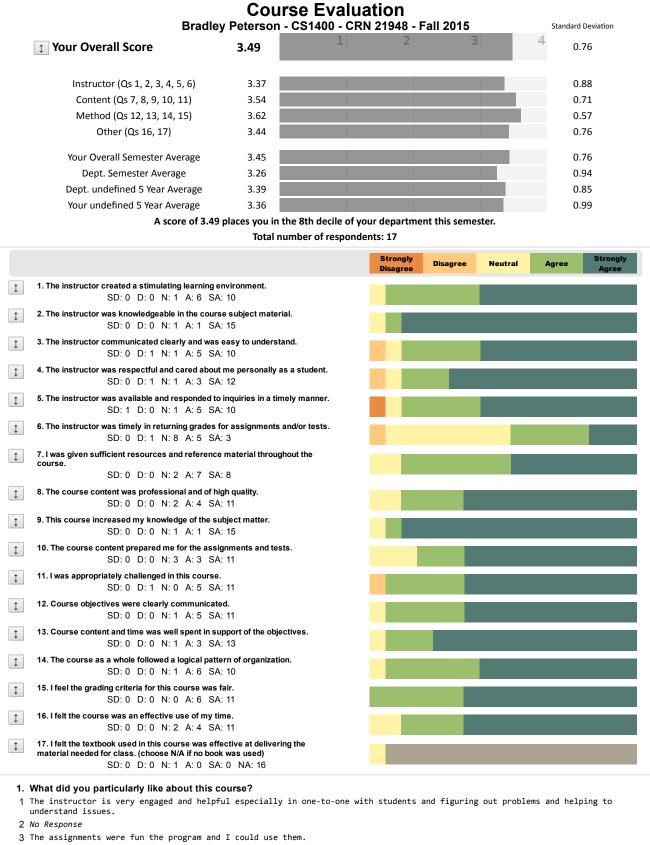
- 1 No Response
- 2 I loved how the professor took time to explain why things work the way they do. I wasn't always able to remember everything but because he took that time I was able to figure it out.
- 3 thinking
- 4 No Response
- 5 As an online student in this course. I felt that I still had a class room style learning environment.
- 6 Brad is a great teacher who really knows his coursework. It was a pleasure working with him.
- 7 No Response
- 8 I did like the high energy that the professor showed throughout the semester. It made it easier to tune into the lectures.
- $9\ \text{Brad}\dots$ he is a great instructor and makes these topics interesting and easy to understand
- 10 Mr Peterson is one of the best teachers I have met on campus. This class was very difficult to follow at times but never once did I feel that I couldn't get help. It was a challanging course but high reward. This has been the only class where I felt that I acutally learned somethin.
- 11 T libad tha vidanc . T libad tha flavihility of tha accignment cohadula . T liba tha tacte within tha accignmente on it was easy.

- to tell if the program was working as expected.
- 12 No Response
- 13 Taught subjects in a way that I was able to understand

- 1 No Response
- 2 I think a lecture entirely based on puns would be awesome!
- 3 More clues for homework
- 4 No Response
- 5 The multi threaded section of the bucket sort assignment was a bit over my comprehension. I would have appreciated a bit more explanation on this subject.
- 6 Maybe have two classes that are paced differently; I would have liked to go over different concepts than the rest of the class.
- 7 No Response
- 8 Everything was good with this course but the grading weight was ridiculous. Complicated and lengthy homework assignments were 40% of the grade while 2 tests are 50% of the grade. Come on; if you didn't happen to remember a few concepts or coding you get the shaft with your grade.
- 9 none
- 10 Make the quizes more visible
- 11 Have exam type questions on the quizzes. Enforce a limit on the number of attempts on the quiz. In the current format I didn't learn much from the quizzes since I could just guess over and over the ones I didn't know.
- 12 You give quizzes that have no benefit for the exams. I think you should change your quizzes to reflect what we can expect on the exams. There's a lot of questions that are fill in the blank for the exam and I think if you were to include examples of questions from the exam on the quizzes we would feel better prepared for the exam. Or make your multiple choice questions on the exams to match what you have in the quizzes. The study guide is helpful for the exam but I still feel very unprepared for the exam even if I study really well.
- 13 No improvements

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 I think this was the best course that I have taken here at Weber. The assignments were challenging but I always felt like I had been prepared for them. Lectures were amazing (entertaining and informative).
- 3 No Response
- 4 No Response
- 5 Brad Peterson is one of the best instructors I've had the pleasure of learning from period and then an actual.
- 6 Wonderful class wonderful teacher
- 7 No Response
- 8 No Response
- 9 I felt this course was structured very well and appreciated that he taught at the classes speed
- 10 No Response
- 11 No Response
- 12 I like how you use one note in class. I think it would be helpful if you could post it to the course pages along with the code you use. The way you draw things out and explain information on those notes are very helpful but not all of us have the instruments to do that ourselves unless we use paper/pen. I just think it'd be helpful.
- 13 No Response



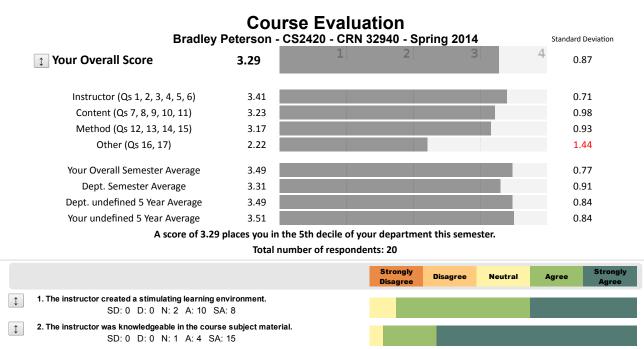
- 4 The professor was knowledgeable and approachable
- 5 No Response
- 6 The teacher was amazing at helping us and graded fairly.
- 7 I like programming
- $\ensuremath{\mathbf{8}}$ I liked everything about this class it was engaging and enjoyable.
- 9 I liked the form the assignments took I really enjoyed the actual programming on my own time. The assignments helped me understand the lectures without being identical to what we did in class and I feel that helped me understand java in a way that will let me practice writing code on my own. Brad was phenomenal as an instructor very knowledgeable approachable and witty. I enjoyed his lecture style and appreciate the recorded class lectures.
- 10 I liked being able to code a game I was familiar with.

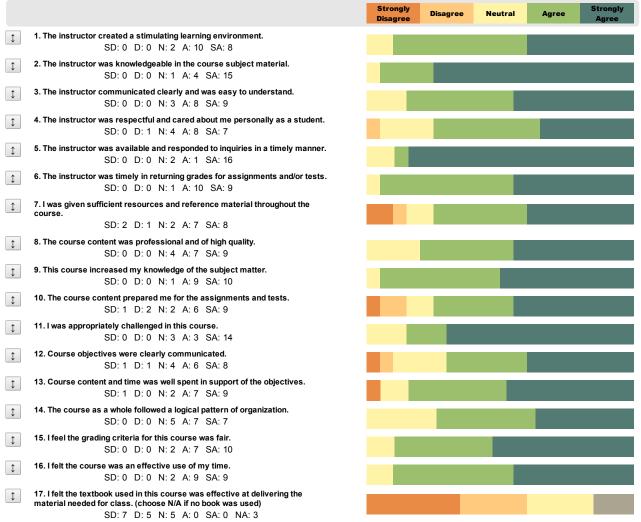
- 11 I liked the variety of assignments that we received which were challenging yet doable.
- 12 The logic game played before the lesson began and the option to view and review lessons online
- 13 No Response
- 14 I like that the teacher was easy going in class and didn't make the class feel like it was dragging.
- 15 No Response
- 16 I really enjoy programming so this course was enjoyable for me.
- 17 This course gives me a change to program the simple games and they are interesting.
- 18 No Response

- 1 None! Keep it as is!
- 2 No Response
- 3 No Response
- 4 No Response
- 5 No Response
- 6 go solwer for people who have never programed
- 7 Professor should be better to get a hold of just in case for help.
- 8 No Response
- 9 I could have used a little more challenge or shorter time for the assignments in order to cover more material but I recognize that that might not be suitable for all students.
- 10 Maybe make sure everyone understands the material like have a little survey throughout the class time so those that are quiet can say they don't understand.
- 12 No Response
- 13 No Response
- 14 I would recommend the teacher use a textbook for this class due to it being very technical in nature. I would also recommend the teacher give additional aids. For example explain if you go the the oracle website there is a guide to Java.
- 15 No Response
- 16 none
- 17 No Response
- 18 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 1 I would love to take every single course with this instructor as much as I can in any way that I can if I could! He's awesome!
- 2 No Response
- 3 No Response
- 4 No Response
- 5 No Response
- 6 none
- 7 No Response
- 8 No Response
- $9\ \text{Brad}$ is an awesome instructor. I will take any classes he teaches throughout my degree.
- 10 I really enjoyed this course even if it was challenging at times. You made it fun to learn how to program.
- 11 The instructor did a great job at teaching and helping those who needed it in class.
- 12 Brad was awesome.
- 13 No Response
- 14 I would also ask that the teacher following a more managable course meaning this course felt as if this course was a refresher course. I felt the teacher expected us to know more than we did. This was an introductory course to programming by definition but that was not the case in my opinion.
- 15 No Response
- 16 I really liked professor Peterson. He's funny and a good teacher.
- 17 No Response
- 18 No Response





1. What did you particularly like about this course?

- 1 No Response
- 2 The complexity of the programs implemented in the course were very challenging yet rewarding when accomplished. Recorded lectures WILL ALWAYS BE A GREAT IDEA. Brad is a very charismatic instructor with plenty of knowledge on the subject to assure his students that he can answer any question or clear up any confusion that might occur.
- 3 it challenged me and pushed me to different levels
- 4 I felt like i learned a lot more in this class than i did in my 1410 class.
- 5 I felt like learning the material was well worth my time.
- 6 No Response
- 7 No Response
- 8 Hard course to learn but the instructor made it a lot easier he was super helpful and explained things well. I really liked how the assignments were set up using a test pass/fail. This way there was no misunderstanding about all the scenarios the method was supposed to cover while also allowing enough freedom for students to figure out how to set up the methods.
- 9 The programming.
- 10 Teacher was very willing to help. Posting the lectures online are very helpful too.

- 11 It challenged me to think in new ways that I had not previously. The assignments were hard enough to really make you think of how to do the work correctly and efficiently.
- 12 The participation that was encouraged.
- 13 I liked that I was challenged and I actually learned something new.
- 14 I feel like I have learned a lot this semester. There were several holes in my understanding of programming (at least pertaining to C++) that this course filled in.
- 15 No Response
- 16 The subject matter is super interesting. I spent a lot of time studying not just the material provided but also other informative internet articles and such.
- 17 No Response
- 18 The teacher is very good at teaching certain points of this course and was very willing to help when needed.
- 19 This course teaches valuable concepts and reenforced previous classes on programing. I liked figuring out and solving difficult issues. It really got me in the code and learning the debugger. Every assignment caused me to understand the debugger more and how to view and troubleshoot code.
- 20 Almost no reliance on the book it was just used as a reference.. not as required.
- 21 No Response
- 22 I liked the different concepts that I learned and the challenge of problem solving and working through them.

- 1 No Response
- 2 The last topics covered in class flew by without being able to be properly digested. AVL trees B trees and B+ trees did not get fully explained in my opinion.
- 3 none
- 4
- 5 Eliminate the textbook or incorporate a textbook into the course. I purchased the textbook before the semester and I only opened it once over the course of the semester. I wasted \$70. If a textbook is not to be used please make it clear before the semester.
- 6 No Response
- 7 more cowbell
- 8 I missed a few quizzes in the beginning because I did not kept forgetting when it was due if they were listed in Canvas' assignments list it would have made it easier to remember.
- 9 Dogecoin rewards for completing assignments. A higher frame rate for recorded lectures. Live performances by Hungarian dancers. A demonstration by Hungarian dancers of recursion.
- 10 More preparation for the midterm and finals
- 11 The professor should have a clearly outlined course objective and stick to it throughout the class. The professor should better prepare the students for the homework assignments with general examples in class. The professor should clearly state from what sections of the book he is working on for that class period.
- 12 Teach this class using a different language.
- 13 More coding in class. The lectures were good but I often felt stuck with how the code should look.
- 14 I would recommend consistency throughout the semester. We started with assignments that had a lot of "shell" code provided then suddenly transitioned into several assignments that had a significant reduction in shell code. I would recommend keeping each assignment consistent with the same amount of shell code versus giving shell code then suddenly taking it away. I am very nervous about the last assignment because we have been provided at least SOME shell code the entire semester but now we have to start from scratch. I think it will still be manageable but I think it is a very difficult and unexpected curve that may warrant more than 1 week for the assignment where we had up to 3 weeks for others.
- 15 No Response
- 16 The course involved a lot of math concepts. Maybe spending some time to review these concepts would be nice.
- 17 No Response
- 18 No Response
- 19 This course lacks structure. The quizzes tests lectures and assignments are disconnected from each other and cause ambiguity on what is being taught and reenforced. Many of the assignments felt like a figure it out situation with lectures missing the mark on preparation. My recommendation is valid code example in class to support the assignments and lecture on concepts addressed or challenged in the assignments. The book needs to be used and referred toso students have another resources they can turn to at lam.
- 20 Fix the AC.
- 21 No Response
- 22 I didn't feel that there was always sufficient reference material to refer to. On some assignments the lectures explained the concepts fairly well but on others there were some points that I would get hopelessly stuck on until the teacher could explain how to do it.

3. Please feel free to write any additional comments about this course or instructor.

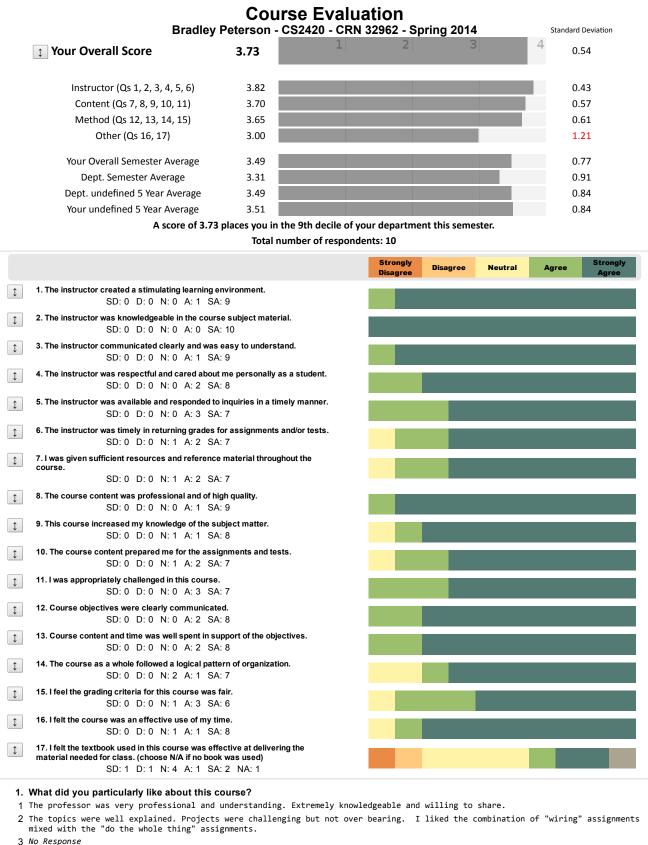
- 1 No Response
- 2 Fun class great teacher!
- 3 great professor willing to move around assignment dates as needed in the start so that everyone has a good understanding
- 4 No Response
- 5 The instructor is phenomenal and has a sound understanding of what he is teaching. He recorded each of the lectures and was very patient with explaining the difficult subjects. He nearly forced students to ask questions which was great because there were always students needing to ask questions who didn't. He was also very helpful in staying after class and answering students' questions. I learned a ton about programming.
- 6 No Response
- $7\,$ I only took this class to go forward to eventually get into advanced internet programing.
- 8 Great Instructor! He was always available to help really cared about the students!
- 9 No Response
- 10 No Response
- 11 I felt like the quizzes and most of the lectures left me ill-prepared for the homework assignments. I could never see where the quizzes had any beneficial learning concepts or tied into the general course objectives which were also not present. There were too many times when the lectures were not detailed enough to prepare you for the assignments we were left to banging our heads against the wall trying to write code that would pass stringent tests and confines put in by the professor. I really feel that not having a clear and distinct course objective laid out for us and then followed made us not prepared and not learn as much as I feel we could have. The terminology the professor used when talking to students was not conducive to eliciting good questions or responses from the students. There was many times the professor would ask the class "does this scare anyone" or "is anyone frightened by this". The wording of questions could be put in a different way so students would not have to admit to their peers

that they were "scared".

- 12 No Response
- 13 Great course. Great Instructor. Hard class but learned a lot.
- 14 I can't imagine taking this course with a different instructor. Brad has been extremely vital in understanding very difficult course material. He is very responsive (even at 2am if he is online...) and will always take the time to respond as quickly as he possibly can even with the other 1000000000 things going on in his life. I would STRONGLY recommend taking this course from Brad to anyone who has to take this course.

As far as the course itself it is very difficult in my opinion but teaches you more than just C++ content. I feel that this course actually teaches you valuable study habits that you will use in future classes that you take in the CS program. This class also teaches you how to "learn" meaning you gain the ability to take a problem logically consider all points of the problem then finish it.

- 15 No Response
- 16 Great job!
- 17 No Response
- 18 No Response
- 19 Brad Peterson is a very knowledgeable and talented instructor. Prof Peterson communicated concepts very clearly. I feel more confident as a programer than I did coming into this course and believe that Prof Peterson was instrumental in that. I look forward to taking other classes from him. I hate to see his talent diminished by his choice of words when soliciting feed back in class. For example when ask to provide feed back on one assignment over another we were ask if we like the open ended way or the "hand held way". We were also ask "who is scared by this". I hope this helps and is useful in taking this course to the next level.
- 20 Did a good job. Has a "quick / rushy" personalty. I believe we would have personality conflict if we interacted at long periods. Although this is not a problem with with a professor as long as they make some allowances for slight personalty conflict. Class was well done enjoyable. Would take another from him.
- 21 No Response
- 22 No Response

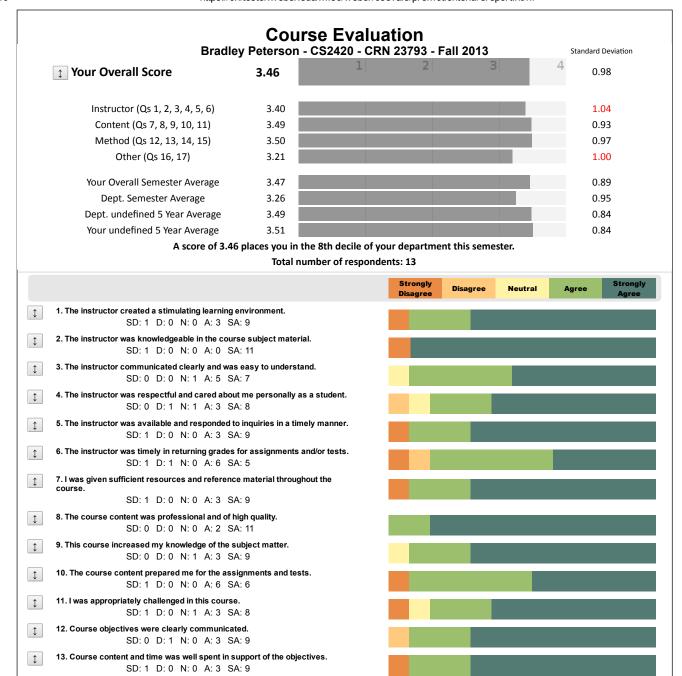


- 4 No Response
- $5\,\,\mathrm{I}$ liked the instant response with the homework assignments pass/fail program output
- 6 I liked that the files provided for the homework compiled and I appreciated the effort put into the provided test cases.
- 7 The way that he explained stuff and the way he told us about more complicated matters regarding the subject. I also thought that the assignments were enjoyable.
- 8 Mr. Peterson is a great professor. He made the course fun but extremely challenging. He was easily available for help. I would really like to take another course from him. I liked the course itself because I know/understand much more about programming from what I have learned.
- 9 I loved the challenges. Definitely frustrating but a great way to prepare for real life. Not a class that you can just dick around and still pass.

- 10 The learning was enhanced by the instructor and his use of recorded lectures along with other available resources. This should be the model for all online courses.
- 2. What improvements would you suggest for this course?
- 1 None.
- 2 None.
- 3 No Response
- 4 No Response
- 5 No Response
- 6 Not sure.
- 7 Keep to the tests on the assignment I really liked having a test to see if I did the assignment correctly. I had the hardest time in CS 1410 with doing the assignments correctly just not understanding the question as much.
- 8 I would appreciate if the lectures on the assignment concluded a week before the assignment was due. Sometimes I hesitate to jump into an assignment because an upcoming lecture might go over parts of the assignment.
- 9 At this point I would say just polish up details. It was basically perfect but there is always something to tinker with.
- 10 Some leniency with late assignments would be nice but the rules regarding this were well understood when the course began.

3. Please feel free to write any additional comments about this course or instructor.

- 1 Instructor was very kind and clear on the homework.
- 2 No Response
- 3 No Response
- 4 No Response
- 5 I enjoyed listening and watching the class lectures as being an online student.
- 6 No Response
- 7 One thing I would suggest is to give more good practice examples so that we are more prepared for the real software engineering world.
- 8 Great instructor! Great course!
- 9 Instructor was without a doubt the most knowledgeable instructor that I have has so far not only in CS classes but in any class. The classroom could use a better mic or another mic so that it would be possible to hear what questions were asked by the students. It is hard to understand an answer if you don't know what the question was.
- 10 One of the best instructors that I have had thus far. He teaches you well enough that you rarely have to use the book.



15. I feel the grading criteria for this course was fair. 1 SD: 1 D: 0 N: 0 A: 4 SA: 8

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14. The course as a whole followed a logical pattern of organization.

SD: 0 D: 1 N: 0 A: 2 SA: 10

16. I felt the course was an effective use of my time.

SD: 1 D: 0 N: 0 A: 3 SA: 9

17. I felt the textbook used in this course was effective at delivering the material needed for class. (choose N/A if no book was used)

SD: 0 D: 0 N: 4 A: 4 SA: 3 NA: 2

1. What did you particularly like about this course?

- 1 Brads method of teaching was excellent also the white board system he used was extremely helpful and that the recording were of an actual lecture given to live students not a monologue. I feel the live recordings were the linchpin of my success in this class and feel EVERY online teacher should use both Brad's white board system and record live lectures.
- 2 There is no wrong answer everyone had a different way of programming to get to where they need to go.
- 3 The teacher explained things SO well. In fact while I found the textbook to be really dry and boring the teacher more than made up for it. He knew the subject matter and explained it so well that I only use the textbook a few times during the course. The professor should write his own book as it would be much easier to understand and much much more interesting!
- 4 This course really forces you to know the material. You simply cannot get by if you don't.
- 5 The instructor teaches very well. I really like the lecture videos.
- 6 Everything. The course was awesome!!
- 7 Brad does a wonderful job of conveying the theory in an understandable manner. I believe his explanations are better than the textbooks and easier to understand. Wonderful job of teaching without relying on students to learn all the material purely through the text book.
- 8 The homework structure was extremely helpful. By providing a framework to solve the problems we could focus on learning not trinning over unrelated issues that normally arise with wide onen program assignments

in the in the context of the problems while allowing the student to focus and understand the key concept being taught.

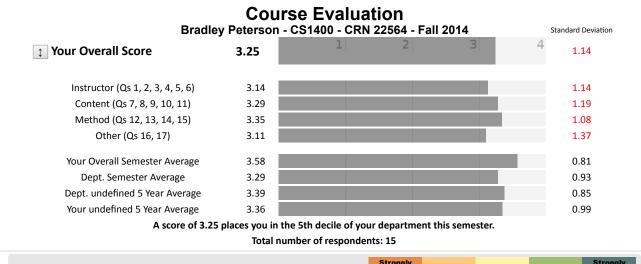
- 9 No Response
- 10 I loved how the professor presented information and further recorded his lectures so I could watch them online
- 11 It was challenging while not overbearing.
- 12 Coded assignments which uses its own test methods to verify my code.
- 13 Writing a program each week was challenging but helpful in learning the subject matter. I found it very helpful that the professor had built in checks in each program that would tell you if your program was working correctly.

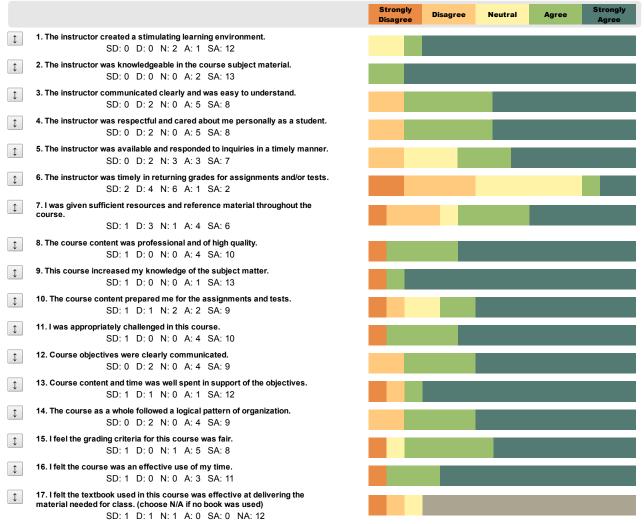
2. What improvements would you suggest for this course?

- 1 No Response
- 2 none that i can find.
- 3 None. I thought this course was excellent.
- 4 I would like to review the homework assignments somehow. A class wide review perhaps of particular assignments that give students a better idea of just how many ways or approaches can be taken.
- 5 None.
- 6 More assignments:)
- 7 I would like to see more assignments given that encompass the whole program rather than doing parts all the time. I felt my skills at the basics suffered a little without as much practice of coding them since the programming assignments were more focused on specific and very challenging items.
- 8 No Response
- 9 Improve turnaround time for assignment and test feedback. 3 weeks to get results on midterm tests is just too long. Also not getting any meaningful feedback on programming assignments before the next one is due was very frustrating.
- 10 I wouldn't mind a little more time on the assignments (or at least a little more description of what is expected on them)
- 11 I think that more emphasis should be placed on scoring for the assignments rather than the tests.
- 12 Stop testing in the testing center. It is an online class for a reason. I do understand the reason for limiting it to testing centers but there is no real life example I can think of for not being able to review and take tests online.
- 13 Sometimes I felt like the class moved a little fast. Since i took the course online I was not able to join in on the in-class decisions and/or votes.

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 He's fairly humorous.
- 3 Honestly I think this was my favorite class I've had yet (out of all my subjects). I've had some great experiences here at Weber but this course really blew me away. I learned a LOT of valuable information that I was able to apply at work immediately and I learned and retained so much more C++ than I have in all my other classes combined. Bottom line -- favorite class ever. Really well done and a huge applause for the professor!
- 4 A good "gate-keeper".
- ${\bf 5}$ The instructor is amazing. I would really like to take more courses from him.
- 6 Best course in the CS program offered by the best instructor in the CS department!
- 7 Brad teaches very well. I sometimes felt the assignments were designed to be more challenging than teaching us the basics though and would recommend more coverage of programming some of the basic items so that we understand how to code all the concept material. I understand most of it is pretty standard but I think the practice would help. Overall I have really enjoyed Brad as a teacher.
- 8 No Response
- 9 Some of the more challenging and useful topics such as graphs were rather skimmed over. Rather than telling students to just copy code from the textbook it would have been better if some class time was spent discussing it and going over it.
- 10 No Response
- 11 Good course.
- 12 Great class. Unconventional teaching with the assignments but I liked it after I worked very hard to complete them.
- 13 Very knowledgable professor who is genuinely interested in teaching students and wants them to succeed.





1. What did you particularly like about this course?

- 1 The teacher is extremely knowledgeable and makes the learning material fun. He incorporates student input and allows us to choose how we want the program to continue. The fact that he taught us while allowing us to choose the path of the program.
- $2\ \mbox{The homework}$ assignments were both challenging and fun.
- 3 The ending of the programs (results of what it was suppose to do) and what it can do.
- 4 No Response
- 5 No Response
- 6 It was fun and stimulating. I learned a lot from this class!
- 7 The fact that learning code was done in a professional and entertaining way kept my attention during classes. Also the fact that I came into the class without any prior programming knowledge and left with the ability to code is a pretty fantastic thing.
- 8 Brad was an awesome professor his lectures were engaging and fun and I learned a lot from his class. All of the assignments were interesting and were directly related to the lectures in class which I appreciated.
- 9 The professor was really awesome.
- 10 I learned something completely new. I had never truly done any programming before besides a little on the calculator.
- 11 T really enjoyed the instructor and the subject matter

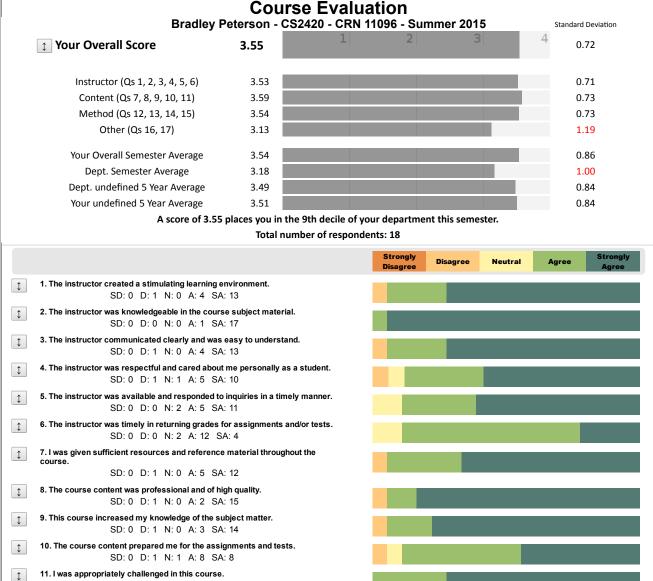
- 12 The teacher! Brad Peterson is an awesome instructor. I also liked the lecture videos and availability of content.
- 13 No Response
- 14 One of the most supportive and knowledgeable teachers I have had. Not only was the course great in itself but Peterson was very supportive of me as an individual with a disability.
- 15 It was interesting and challenging. I didn't know anything about programming when I started this class and the assignments were tough but not impossible so to me it was like doing a hard puzzle that made me feel good when I could actually do it. I loved that all the classes were recorded and online.

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- 1 More study guides or some material that allows us to review what was gone over the week prior instead of just watching the lecture again online.
- 2 No Response
- 3 To make the lectures more closely to the assignment.
- 4 No Response
- 5 No Response
- 6 No Response
- 7 On assignments if you could get points for correcting mistakes made so that fixing mistakes would actually be a beneficial thing. Even if it is like a half a point it would be nice to go back and fix mistakes while earning points.
- 8 I think it would be nice for future classes to have 2 weeks on the robocode assignment. It is the final assignment and with all of my other classes finishing up at the time I couldn't spend as much time as I wanted to on the robot.
- 9 No Response
- 10 Maybe a little more explanation of the schedule? I'm not sure the course was fairly well thought out.
- 11 Just get the assignments graded faster
- 12 None the course was perfect.
- 13 No Response
- 14 At the beginning of the year let students know that taking notes on every Java term mentioned is extremely beneficial when it comes to quizzes and tests.
- 15 Slow down a bit and find a good resource book or manual for the course. I started out ok but once I started to fall behind I feel like I got left in the dust and couldn't catch up. A lot of it is that we would talk about something in class and I feel like we were expected to have it memorized. If not we could go back and watch videos but that was very helpful but very time consuming so a book or manual would have been much quicker to look something up in.

3. Please feel free to write any additional comments about this course or instructor.

- 1 Great instructor.
- 2 Best instructor I've had. Great job!
- 3 I wish that programming came easier to me and didn't have so many redundant procedures to make the program work.
- 4 No Response
- 5 No Response
- 6 The instructor was fun to work with! I would want this instructor again for my next class.
- 7 I'm actually really glad I took this class before I was not sure what major I would be going into but I'm am now really leaning to taking a computer science class. Also I will definitely be going into CS 1410 as programming is fun and it can provide challenges that are entertaining to solve. Thanks for an awesome semester!
- 8 Just a small complaint he took a long time to return grades on assignments but it wasn't a big deal. Life happens.
- 9 The course was really fun and I liked how we learned the subject.
- 10 No Response
- 11 No Response
- 12 No Response
- 13 No Response
- 14 No Response
- 15 He was a very good instructor that really made the class very interesting. He was funny and made the class a very fun learning environment.



11. I was appropriately challenged in this course.

SD: 0 D: 0 N: 0 A: 5 SA: 13

12. Course objectives were clearly communicated.

SD: 0 D: 0 N: 1 A: 6 SA: 11

13. Course content and time was well spent in support of the objectives.

SD: 0 D: 1 N: 0 A: 4 SA: 13

14. The course as a whole followed a logical pattern of organization.

SD: 0 D: 0 N: 0 A: 7 SA: 11

15. I feel the grading criteria for this course was fair. SD: 1 D: 0 N: 0 A: 7 SA: 10

16. I felt the course was an effective use of my time. SD: 0 D: 1 N: 0 A: 4 SA: 13

17. I felt the textbook used in this course was effective at delivering the material needed for class. (choose N/A if no book was used)

SD: 1 D: 1 N: 3 A: 0 SA: 0 NA: 13

1. What did you particularly like about this course?

- 1 The instructor is excellent at communicating with students and tailoring the course for their needs. The assignments are quite fun and effective. The multi-threading assignment especially went beyond what I had learned in other classes.
- 2 I like the assignments and the focused learning it created.
- 3 I enjoyed learning many theories that were not taught to me previously. It was great to learn how to implement many algorithms outside of using numbers. I felt that this course was very challenging at a positive level.
- 4 I like having the lectures recorded so I can review.
- 5 Everything

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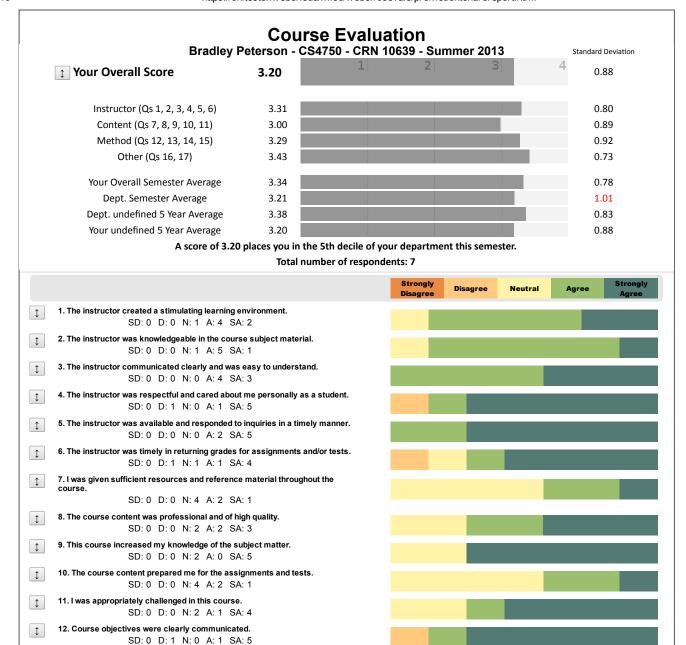
- 6 Everything this has been my favorite class at WSU so far.
- 7 I liked the way the professor explained things. He made a lot of things clear that weren't clear in previous classes. His way of explaining was great. I felt very challenged and appreciate that his assignments forced me to use the debugger.
- 8 I like that the campus and online classes were combined.
- 9 Wonderful semester the lectures provided in google chats kept the class focused throughout the whole lecture. (hard to find for programming courses) Great explanations of each assignment.
- 10 This course was very difficult at times and I began to enjoy the challenge of another assignment.

- 11 Online lecture videos made the content easy to understand. I enjoyed the balance between the midterm exams and weekly assignments.
- 12 I liked learning about all of the different data structures and being able to learn more about C++ while implementing them.
- 13 Brad is entertaining and makes the course fun.
- 14 I liked the challenge of it all I feel that I have learned more in this class than I have in the rest of my CS classes.
- 15 Homework help consisted of direction not easy answers.
- 16 So far Brad Peterson has been my favorite teacher at Weber. He's super clear is always making sure people understand what's going on which as an online student who wasn't able to be there during the class was great because most of my questions got addressed despite me not being able to ask them. The content addressed many of the points I didn't quite understand in my previous courses so it was nice to go over them again. He's just super knowledgeable. He always knew what was going on and is a crazy fast typer. :) Also he sounds like John Bytheway (if you even know who that is) which I thought made it more enjoyable. He's a very engaging teacher and I'm very glad I took him.
- 17 No Response
- 18 I enjoyed learning about the different sorting algorithms. I liked listening in on the face to face classroom discussions live or later viewing the recording at my convenience.
- 19 Brad was excellent; he was very responsive and didn't make it seem like I was bugging him.

- 1 None.
- 2 More examples or understanding of the applications of the things we are learning
- 3 I would suggest having some type of written material that shows code and tells what it is being used for. Recurrsion was a tough topic that this would have helped me with learning the pieces of that.
- 4 Spend a little more time going over how things are set up in code and not just ideas. But if you have to err on one side you are doing the perfect thing because we'll remember the concepts better than just memorizing syntax.
- 5 Quicker at grading
- 6 None
- 7 That I didnt take it online. I feel I would have benefited more if it took the course in class.
- 8 Lectures need to be more focused.
- 9 No improvements from my experience.
- 10 There were times both in the lectures and in the assignments that instructions weren't very clear and at times a little confusing making the assignments that much harder.
- 11 All good. Except the weekly quizzes suck. :)
- 12 Easier exams :D
- 13 Grading is not fair. To put half of the grade for the course in 2 tests is crazy. Everyone knows that when you can focus on an assignment that is where the bulk of the grade should be not in the tests.
- 14 More specifics on what is expected.
- 15 I think the participation code stopped working on later assignments. I forgot to do some but could still open the links to the assignments.
- 16 Can't really think of anything. I wouldn't have minded learning more about Private Public Protected and Static because I feel that was something I only had some of a grasp on in previous classes.
- 17 No Response
- 18 Passing the challenging Introduction to Data Structures and Algorithms course ice cream and pizza party!!!
- 19 The student grader seemed to struggle with keeping up with the workload.

3. Please feel free to write any additional comments about this course or instructor.

- 1 It's a good thing this course is online and attendance is not required since it would have gone too slowly for me if I hadn't been able to watch the videos on 2x speed on Youtube.
- 2 If we could have a few more MTG references that would be great ;)
- 3 I really liked Brad as my instructor. His willingness to help and give recommendations makes him a fantastic instructor. I would most likely take a course with him over another professor because of my experience in this class alone.
- 4 No Response
- 5 Great course great instructor :)
- 6 The instructor is fantastic and has been my favorite instructor at WSU so far.
- 7 No Response
- 8 Each lecture covered the subject matter obviously. However I feel the assignments were not similar enough to the lectures. The lectures would introduce certain data structures then the assignments were about manipulating those data structures. The instructor created extremely elaborate assignments filled with overly complicated code that is very difficult to understand. Having only one other C++ programming course I found this course almost impossible to follow and I will probably fail as a result. As the semester comes to an end the subject matter is only increasing in difficulty which is standard but I am even less prepared for the last assignment than I was for the first assignment.
- 9 No Response
- 10 No Response
- 11 No Response
- 12 Keep up the great work Brad you're my favorite CS professor at Weber.
- 13 No Response
- 14 No Response
- 15 Good course. Midterm and final review are vital to taking the test. Not sure how you can shift more attention to learning the concepts over the homework than you did but I think quizzes that are more like the test may help? Asking "How does x work?" like the exams instead of the tricky types.
- 16 A+ to Brad Peterson. You found your calling in life. :)
- 17 No Response
- 18 Appreciated the instructors willingness to give additional help on assignments as needed.
- 19 No Response



16. I felt the course was an effective use of my time. 1

15. I feel the grading criteria for this course was fair.

SD: 0 D: 0 N: 1 A: 2 SA: 4

13. Course content and time was well spent in support of the objectives.

SD: 0 D: 0 N: 0 A: 3 SA: 4 14. The course as a whole followed a logical pattern of organization.

SD: 0 D: 0 N: 3 A: 2 SA: 2

SD: 0 D: 1 N: 0 A: 2 SA: 4

17. Please rate the quality of the texbook used in the course (choose N/A if no book was used)

SD: 0 D: 0 N: 0 A: 0 SA: 0 NA: 7

1. What did you particularly like about this course?

- 1 It was a good real world experience.
- 2 Good team nice people
- 3 I was challenged in my knowledge and ability to learn.
- 4 I really liked working with other students toward a long term goal and learning from each of them as they all have their strong points. I valued the experience of working with a client so closely even though were a huge pain. It was valuable experience.
- 5 There was a free exchange peer to peer of knowledge throughout the whole class.
- 6 No Response

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7 I liked how it was all real world. We created an application for someone who specifies the needs and will use it. In my opinion the very best way to learn what it is like in industry.

2. What improvements would you suggest for this course?

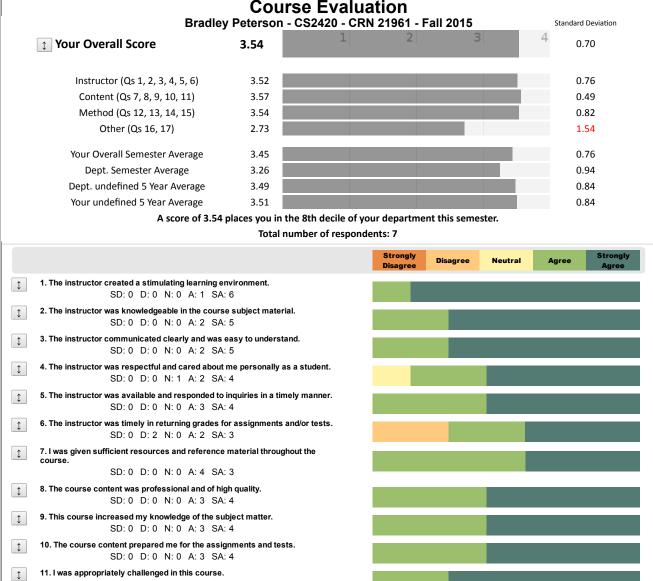
- 1 No Response
- 2 Grading based on attendance was really annoying. If work was finished prior one would sit in class doing nothing. Also very low

amount of communication between instructor and our group project(status/etc)

- 3 Could have been more structured. Assignments and due dates on a syllabus. But in this course it may be difficult to do that.
- 4 I understood the need for attendance but in a course that doesn't really have lectures or a large amount of time spent working with the instructor I feel that requiring attendance isn't really justified. Often I would have been a lot more productive working from home as the class could have simple instructions and can be difficult to get into a programming groove.
- 6 Use canvas for future classes it makes things so much easier and no CD to hand out at the beginning of class.
- 7 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 2 Good instructor overall however the course needs reworked somehow. (The lifespan of the project was too long)
- 3 No Response
- 4 No Response
- 5 No Response
- 6 No Response
- 7 I learned a ton!



SD: 0 D: 0 N: 0 A: 2 SA: 5

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12. Course objectives were clearly communicated.

SD: 1 D: 0 N: 0 A: 2 SA: 4

13. Course content and time was well spent in support of the objectives. 1

SD: 0 D: 0 N: 0 A: 3 SA: 4

14. The course as a whole followed a logical pattern of organization.

SD: 0 D: 0 N: 0 A: 2 SA: 5

15. I feel the grading criteria for this course was fair.

SD: 0 D: 0 N: 0 A: 2 SA: 5

16. I felt the course was an effective use of my time.

SD: 0 D: 0 N: 0 A: 2 SA: 5

17. I felt the textbook used in this course was effective at delivering the material needed for class. (choose N/A if no book was used)

SD: 2 D: 1 N: 0 A: 1 SA: 0 NA: 3

1. What did you particularly like about this course?

- 1 This class increased my understanding of programming and computer science greatly. It has helped me understand logic and problem solving so much more. This was a tough class for me and it made me work hard.
- 2 The knowledge of the instructor and the recorded lectures which helped to review the material covered in class.
- 3 I liked the recorded lectures.
- 4 The "in class" discussions. Sometimes you just have to ask the question right away to get a better understanding of what the Professor is trying to teach you.
- 5 I liked being able to watch the lectures from wherever I happened to be.
- 6 All the knowledge I can get about C++ databases and algorithms. Professor Petersen was very acknowledgeable.
- 7 The progression of the course was excellent. It pushed me but never felt overwhelming.

2. What improvements would you suggest for this course?

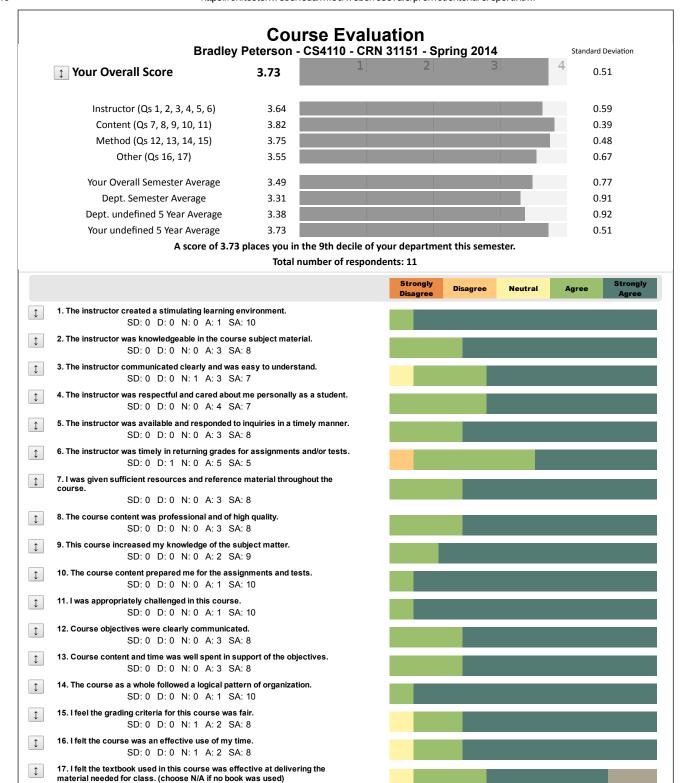
- 1 It hard to say the way the class is set up is very effective.
- 2 While the book was great to have it didn't apply to the material as much as the course lectures did. The book works fine for

extra material reference out was certainly not very applicable to learning the material needed for success in the class.

- 3 More hands on material in the class room. The recorded lectures are nice but coding examples ourselves would be very helpful.
- 4 I'd suggest maybe one less assignment throughout the course to allow for a bit more time to work out the bugs in some of the harder assignments. Also I feel that it was very helpful to participate in a study group. If it was to be a requirement to form up a small group of say 4 people. Then have them have to work together as a team on the projects. I feel that this would be a great idea because 1. it'll help form good study habits. 2. If you have a question about something you can ask other members of your team. 3. It helps break down barriers and forces the students to get to know each other.
- 5 No Response
- 6 No suggestions.
- 7 None.

3. Please feel free to write any additional comments about this course or instructor.

- No Response
- 2 Great semester! Brad is entertaining and knowledgeable in the subject matter. I personally would recommend him to others and if possible take other courses taught by him again.
- 3 The instructor criticized you if you asked a question with an obvious answer.
- 4 I liked the demonstrations. I just wish that I had taken this class right after I had taken the CS 1400 class. (Both classes required us as students to write code in C++). I had ended up with a gap of over 1 year since I had used C++. And I was all kinds of rusty when trying to remember the coding syntax!
- 5 Do the whole course in lolcode next semester just to see if you can get away with it.
- 6 I was not able to do my best in this semester due to credit hours overloaded and family issues the result is that I'm failing the class. I am already enrolled in the next Spring semester again with the goal of double-improve my dominion of C++ and attain an A.
 - The class is great and professor Petersen does an excellent job.
- 7 The book didn't really seem necessary.



1. What did you particularly like about this course?

- 1 Learning how computer came to be through theorems logical math and history. I enjoyed some of the homework problems because they were like puzzles which helps with developing problem solving skills.
- 2 I enjoy taking classes from Brad. I feel he has the right balance of entertaining and educating. The learning environment was good for me. I liked the option of turning in the assignments online. My work situation forces me to do all my homework in the evenings it was helpful for me to be able to turn them in when I was home.
- 3 I felt that the way the class was taught and the way the professor wanted everyone to learn was a good environment for me to learn.
- 4 Artificial intelligence
- 5 Recording and posting the lectures online was of great help.

SD: 0 D: 0 N: 1 A: 3 SA: 5 NA: 2

- 6 No Response
- 7 A lot of interesting concepts but really it was the in class time that made it for me. Also I really appreciated having the videos to utilize as well.
- $\ensuremath{\mathbf{8}}$ The assignment redox.
- 9 No Response

- 10 I loved the videos and the use of the pen-board. I liked that we went sequentially through the book. I liked the way we worked on problems together in class--I think it helped me understand the material better and prepared me for assignments and tests. I liked the level of dialogue and discussion in the class. I liked Brad's approach to make corrections in his examples when they went wrong.
- 11 It gave me a better fundamental understanding of how computers work as machines

- 1 None this class was great and felt it was worth the money/tuition I've spent on it this semester.
- 2 The grading scale was a little nerve racking for me. The amount of points on the assignment overall made mistakes on assignments brutal. I appreciate the redos and feel they are a good tool. I am more likely to learn from my mistakes if I redo assignments. And I am more likely to redo my assignments when there is a point incentive.
- 3 I didn't care for the material but the professor tried hard to make sure we learned it well
- 4 Cookies
- 5 No Response
- 6 No Response
- 7 Get in some of the 'Easter eggs'
- 8 I don't know how but a faster feedback loop on assignments.
- 9 No Response
- 10 Maybe do more programming assignments--I think it helps work through the logic when you have to build a program. A few times the professor was a little lost in the material but he handled it well and I don't think it was a major problem in the course.
- 11 Possibly grading in partial that way mistakes wouldn't be so costly on the overall grade

3. Please feel free to write any additional comments about this course or instructor.

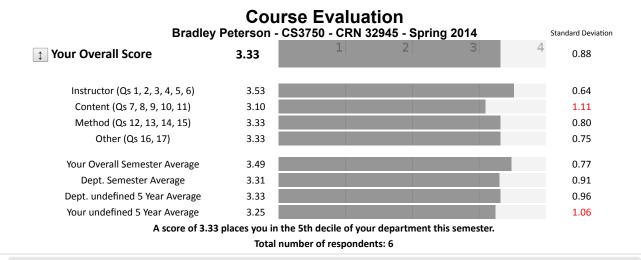
- 1 Keep up the great work Brad!
- 2 Thanks for a great semester catch you later!

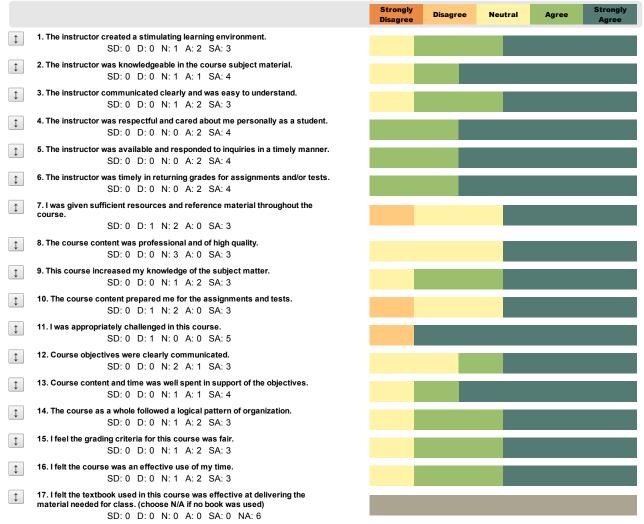
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3 No Response
4 .007 1337
5 No Response
6 The learning content was a bit dry/rough but the professor made it fun kept students interested.
7 I really enjoy classes from this instructor.
8 No Response
```

10 This professor is one of the best at presenting material in a clear way and helping students that I've had in the CS Department.

9 No Response

11 I'm glad I was able to take this course from Brad the material could become very mundane very quickly and he kept the material very interesting.





1. What did you particularly like about this course?

- 1 No Response
- 2 Brad offered suggestions that helped to better shape the project. All suggestions were based on his experience and technical knowledge.
- 3 The group project
- 4 I liked that we had a real project to work on
- $\boldsymbol{5}$ Loved how the professor was always available to answer questions.
- 6 I like how we didnt really have a class but spent the whole time working in a group trying to create an application.

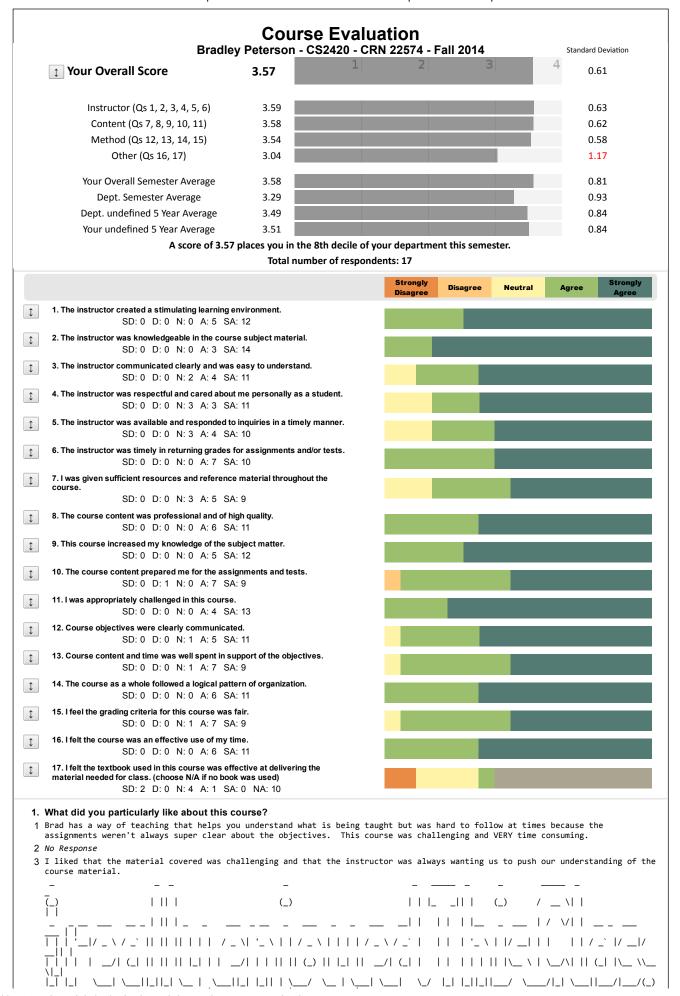
2. What improvements would you suggest for this course?

- 1 No Response
- 2 Please don't allow for-profit projects to enter the class. I am a student. I do not see a return on my investment with that. Universities are already a business and it really feels that way. If for-profit projects start to happen then I will feel like school has literally become a job but there is no pay saying a degree is the pay is not a valid answer since I am paying thousands of dollars for it and already doing homework and tests.

- 3 None
- 4 I would suggest more active instructor help. Or maybe better project selection. Also we needed space to work every week and space was not always available. This was very poor planning. When I sign up for a class I expect that there is appropriate space to do the activity for that class.
- 5 No Response
- 6 n/a

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 Keep doing what you are doing. Remember that students have other classes and obligations. Never gain the lazy professor mentality in that you lose touch with how students live and what what they go through every semester. School is a massive sacrifice and I feel as though most professors have forgotten that.
- 3 No Response
- 4 I like this professor and he shared some good personal insights about client projects. He could improve as a project manager however.
- 5 No Response
- 6 Brad is one of my favorite professors he challenges you but makes sure you understand and wants you to succeed.





- 4 No Response
- 5 The instructor was knowledgeable but also funny. He kept the material interesting by using real world examples and illustrating concepts through drawings. The material was presented clearly and I felt the instructor genuinely wanted everyone to understand the subject and would repeat whenever confusion arose. The assignments were challenging but logical and were clearly defined. Many employed tests written by the instructor to help isolate bugs and prove that a program was working correctly.
- 6 How everything tied together and the creative ways some concepts were explained.
- 7 The clarity of the lectures. Brad did a great job of keeping topic in his lectures very clear. Even when points intermingled he still kept them clear. He has a huge knowledge of what he teaches.
- 8 I enjoyed this class it was very engaging and had a good atmosphere
- 9 The use of diagrams to explain concepts was very helpful.
- 10 I liked learning about c++ and be able to better at it this time around. The assignments are stimulating when it comes to figuring out the code needed for it.
- 11 No qualms. Very good. Hope to have Brad again. Very good at pushing students to expand.
- 12 I like the material it made me think a lot about the different products/code I use everyday. I usually code in higher languages for work but this course taught me that I really could code everything I need to in C++ effectively and the language itself would be useful to learn. I feel like C++ is now a good thing to know and learn rather than a language I have to deal with to get my degree.
- 13 Brad made the class very interesting while providing really good information.
- 14 Deep thoughts
- 15 Peterson really did a good job on explaining clearly what was to be done. He also was really good at spurring the ol' thought processs
- 16 No Response
- 17 The teacher lectures

- 1 While Brads style of implementation seems to work for a lot of his students thinking through the logic and having to code it was VERY challenging for me. I have a "thought disorder" that isn't recognized by students with disability so I was constantly looking for outside resources to understand better. There was one assignment where he explained almost step by step and that is my way of learning code. But when I have to try to figure out the logic along with trying to understand what I am to do it became days to finish assignments.
- 2 No Response
- 3 I think all in all that this course makes sense in how it is set up.
- 4 No Response
- 5 I loved everything about this class.
- 6 none
- 7 I though the class was fantastic. The only suggestion I would make is the second half of the semester seemed a bit more rushed topics lasted fewer days than topics in the first half. Spending less time at the first half and using that time in the second half would be good.
- 8 loose the hate toward 23
- 9 No Response
- 10 There needs to be better explanation for the hash table assignment. Hash tables keep tripping me up and I can't seem to understand them very well.
- 11 YOU MUST CONSTRUCT ADDITIONAL PYLONS.
- 12 N/A
- 13 No Response
- 14 Explosions everything is better with explosions
- 15 No Response
- 16 No Response
- 17 none

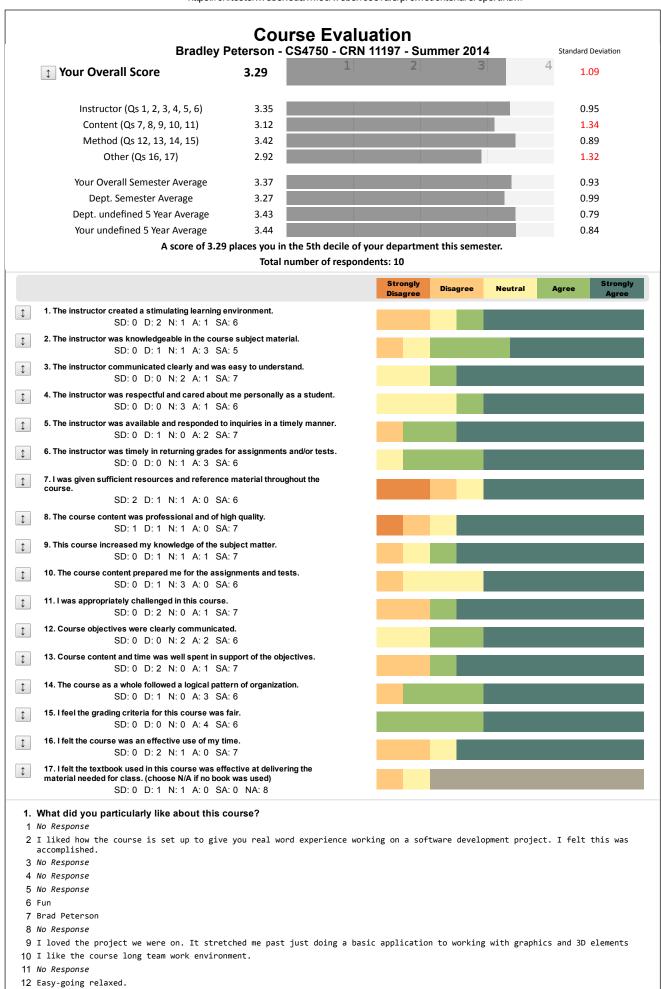
3. Please feel free to write any additional comments about this course or instructor.

1 syntax. Syntax. SYNTAX. My 1410 teaching didn't do a very well at explaining syntax and I have struggled with this in every programming class because it isn't hit hard most of the time. A lot of the time (not brad) they would say just know that's how it works so when I got to Brads class I wasn't only trying to figure out logic and the steps needed but also how to code it. Because of that this class was WAY more challenging that it should be. If I knew the syntax better this class would have been significantly easier.

My suggestion is maybe spend the first class day going over syntax for pointers arrays functions into functions pass by reference vs value...etc.

Rock On!

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                                                                                         _(_) \_/\_(_\_(___/ \_)(_(___) (__) \_(_\_) (__)\_)(_(___) (__)
  4 No Response
  5 I enjoyed the instructors teaching style and personality. He kept me laughing and smiling throughout the course yet simultaneous
       taught me the concepts thoroughly.
  6 No Response
       ((
                                                                                   (-
                     -hrr
       Brad gave me wings to fly in the Computer Science world.
  8 blah blah blah
  9 No Response
10 Brad is the coolest guy ever!
11 Brad is super awesome. One of the best CS teachers I've had. Almost as cool as the Hoff (Brinkerhoff).
12 I liked that the course was pretty open to my schedule and life. I would have really struggled to complete this course
       effectively because "life" happened to me a lot this semester. I was open to Google Hangouts to attend class instead of physically being there and I was also welcome to watch the recorded lectures online. The professor was always open for questions
       and provided useful hints and tips for the C++ code we wrote. I'm so glad that I had the opportunity to take this course from
       Brad Peterson and will be looking for his name in my future courses.
13 No Response
14 His rapping skills be mad
15 No Response
16 No Response
17 No Response
```



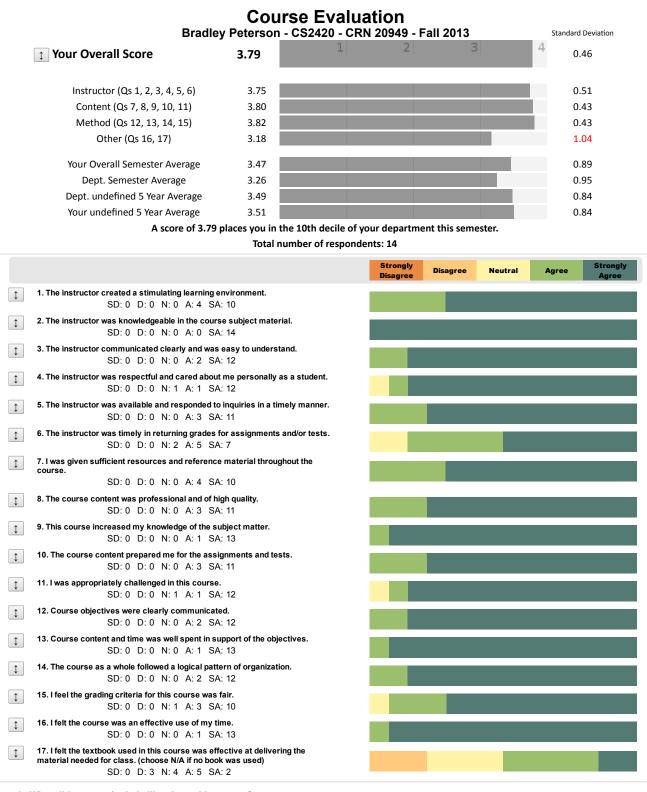
13 No Response

2. What improvements would you suggest for this course?

- 1 No Response
- 2 No Response
- 3 No Response
- 4 No Response
- 5 No Response
- 6 PluralSight and a reference of good books related to languages of the different projects
- 7 why is the cake a lie?
- 8 As the professor spend more time with each group. Yes this is a group class but instead of just checking on the group and ask is there anything you need spend half a class period with the students. We may think we are fine but if you observe we might actually be on the wrong path for doing something. It just felt like you only cared about the team working on your project and the rest of the teams were on their own come to me if you need help attitude.
- 9 None This course is set up like an intro to real world work and it is set up correctly
- 10 I think that the client needs to be more engaged and that before you take on new projects require that the client buy and maintain a hosting site and database.
- 11 No Response
- 12 More structure.
- 13 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 No Response
- 3 No Response
- 4 No Response
- 5 No Response
- 6 No Response
- 7 Brad....Peterson....enough said
- 8 No Response
- 9 Brad is awesome
- 10 I think that the instructor is a good instructor but is very out of touch with what each group is up against on their projects. There are simply not any resources available when we get stuck and the instructors advise was not meaningful either.
- 11 No Response
- 12 Nothing against Brad just a hard course to "teach".
- 13 No Response



1. What did you particularly like about this course?

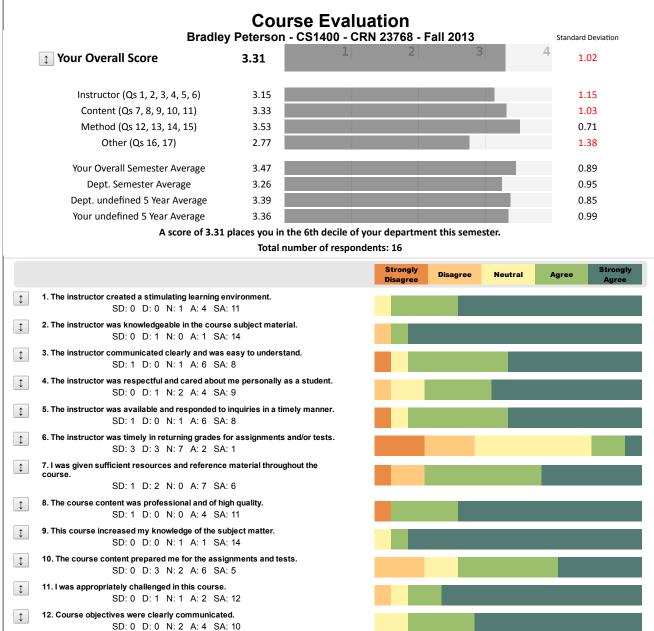
- 1 The instructor is very nice and very helpful. The course material was structured in a way that pushed me to learn the concepts that were tought throught the semester. I really like that all of the class lectures were recorded and posted on canvas. I think that all classes should follow the same procedure.
- 2 I actually liked the assignments. Even though they were difficult at times they were like puzzles for me to figure out which I've found very fun.
- 3 nothing
- 4 I liked how the subject matter stretched my understanding of coding and computer science. I felt I grew quite a bit in my capabilities due to this.
- 5 I loved that he recorded his lectures and posted them online.
- 6 This class is a challenge and can be used as a real test in order to move on to upper division classes. I liked how the professor went about teaching this class though.
- 7 I really liked the professor's knowledge on the subject matter because he was able to teach it well with no problem. I liked the information that I received in this course and each assignment made me think and learn more about computer programming. I liked the assignments and I liked the professor's attitude towards the class.
- 8 No Response

- 9 The difficulty and structure of the assignments.
- 10 i like the feeling i got when i worked on an home work assignment for hours and i finally passed all the test at the need of the program
- 11 The deep thoughts by Jack Handy.
- 12 No Response
- 13 I really liked having the lecture videos available to watch outside of class. I also like the lab time in class to work on assignments.
- 14 The course itself seems a little overwhelming at first but Brad makes difficult concepts easy to understand. Brad gives students every opportunity to succeed. He posts lectures online so if the concept is unclear you can review it until you understand it or if you miss a class period you can stay caught up. The homework assignments reinforced the concepts taught and gave me a much better understanding of what we were learning. I liked that Brad had student aide this year so that my homework assignments were graded quickly.
- 15 I liked the challenge. I always felt i was given enough chances to ask questions.

- 1 The course was excellent!
- 2 No improvements needed!
- 3 nothing
- 4 I would suggest that it require a little more coding from scratch.
- 5 Not sure.
- 6 Probably just a little bit more in class coding.
- 7 There are really no things that I could think of that you would need to improve on this was my favorite course and was all perfect.
- 8 No Response
- 9 No Response
- 10 i would like it if in class would would code all the stuff that he gives us for the home work assignments so i could better understand what is going on. But i did spend 30 mins looking over the code he gave us to better understand it be for i started the assignment.
- 11 Applications and examples of the concepts discussed.
- 12 No Response
- 13 I thought the book could have been used better. I'm a student who likes to use the book. I used it on my own but we didn't use it much as a class.
- 14 Nothing. This class was challenging and rewarding.
- 15 No Response

3. Please feel free to write any additional comments about this course or instructor.

- 1 Thanks for a great semester!
- 2 Professor Peterson is one of the best professors that I've had in college. He is willing to help students after school. He strives to make sure that everyone understands the material. And he does a great job at preparing students for the upper courses. I feel that I've got my money's worth in this class.
- 3 hardest class i've ever taken; rough
- 4 I loved this instructor. he was very invested in helping his students learn and be ready for future courses and to continue in the degree field.
- 5 Was a fun class
- 6 You are one of the best computer science teachers that this university has to offer so keep up the good work!
- 7 I just really enjoyed learning from this instructor the way he would explain the subject just clicked for me and gave me a better understanding of programming as a whole. I would love to take another course that was run in this same way and I would like to have another class from this instructor because he would be willing to help with any questions you had and be nice about it.
- 8 No Response
- 9 No Response
- 10 I really liked this class. I was so afraid of taking this class because i felt like i did not know very much about C++. But Pros Peterson did an amazing job with help those of us that were behind in C++. I learned more about C++ in two weeks of this class then i did the whole class of 1410. Brad Peterson does an amazing job teaching. He puts so much of his time into his classes he teaches and programs. (haha is a Pun classes and classes). I would love to take another class form Pros. Peterson
- 11 The instructor really puts in a lot of effort (more than most other teachers) in order to make the home work assignments valuable. I appreciate that he does this I also appreciate that he seems passionate about computer science.
- 12 No Response
- 13 Like we did on the final assignment (Big Int) it may have been nice to do a few assignments where we built the program from scratch rather than getting so much of the code given to us. I do think it is valuable to get starting code for some assignments because most real world situations require programmers to understand and work with existing code.
- 14 Brad is the best C.S teacher at Weber State. If I could take every class from Brad I would. Many teacher's seem to dislike students if they don't make it to class but Brad makes you feel welcome every time always responds to e-mails quickly and posts his lectures online. Brad wants students to do well and it shows. I feel I learn the most when instructors understand the material and Brad knows his stuff inside and out. I learned a lot from this course. Thank Brad for me!
- 15 No Response



SD: 0 D: 1 N: 1 A: 4 SA: 10

14. The course as a whole followed a logical pattern of organization.

SD: 0 D: 0 N: 1 A: 2 SA: 13

13. Course content and time was well spent in support of the objectives.

15. I feel the grading criteria for this course was fair. SD: 0 D: 0 N: 1 A: 7 SA: 8

16. I felt the course was an effective use of my time.

SD: 0 D: 0 N: 2 A: 4 SA: 10

17. I felt the textbook used in this course was effective at delivering the material needed for class. (choose N/A if no book was used)

SD: 2 D: 3 N: 1 A: 0 SA: 0 NA: 10

1. What did you particularly like about this course?

1 No Response

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- 2 That the classes were recorded and posted on YouTube/Canvas
- 3 I like how every lecture was posted online so I could go back and watch it over and over to understand and how the instructor helped us individually with our assignments.
- 4 The course itself was very engaging as it is one of the first big classes for my major. I liked how much I learned in the class and how demanding it was. But at the same time it was my favorite class to come to because Brad made the material fun to learn.
- 5 The Professor
- 6 I personally enjoyed how enthused our professor was when it came to teaching the material.
- 7 I liked Brad's teaching style and the way he was funny but he knew how to be serious when the time was needed.
- 9 I liked learning about Object-Orientated Programming although it was/is still a little difficult for me to understand sometimes I really liked learning to organize my code. I also liked that the professor recorded every lecture and posted it online this was very very helpful.
- 10 No Response

- 11 I think he did a really good job I just wish he would have graded things a little faster.
- 12 Learning about what I chose to pursue for a career.
- 13 No Response
- 14 I like how the instructor recorded his lectures and posted it on youtube.
- 15 The instructor was very helpful and fun to learn from. He made the class fun to learn.
- 16 No Response
- 17 Class was usually entertaining and the principles were usually very well explained in the class prior to the assignment. I loved/love that he puts videos of the classes online. It makes it so i can work and watch the class later if i was unable to make it for some reason.

- 1 No Response
- 2 Explaining new subjects more thoroughly and clearly.
- 3 Telling students to not buy the book because there is not really a need for it.
- 4 No improvements really. I think the book is unnecessary.
- 5 More outside help
- 6 I would suggest that tutors are required for students who are desperately struggling and the online guides need to be clearer.
- 7 None. Keep doing what you are doing. Maybe a allow a one page note for taking the test.
- 8 N/A
- 9 I think group assignments would be an interesting thing to try because this would help us learn to explain and understand the material a little better.
- 10 No Response
- 11 Just try to get grading done faster.
- 12 More class time with more assignments.
- 13 No Response
- 14 Need a good book as a resource for studying other than watching instructor's recorded videos.
- 15 None that I can think of I loved the way the class was run.
- 16 No Response
- 17 make sure you make everyone feel wanted. I actually almost feel like you really didn't want me there. I was in class one time and you skipped me on your rounds seeing who needs help and not just once but twice. So everyone got help in the room two times but me. I had to call you by name 3 times to get help. I dont know if it was intentional or not i like to think it wasnt because i really enjoy your class but it sure didnt feel good.

3. Please feel free to write any additional comments about this course or instructor.

- 1 No Response
- 2 This professor knows a lot about Java but does not teach the best. Always had to go to other resources or people to get a better (and quicker) explanation of the material covered for that week.
- 3 I enjoyed how he wanted us to succeed and really understand the course content so we could be prepared to move on to the next course.
- 4 Brad has been an incredible instructor to a fun challenging course. He was very willing to work with all of us to make sure we learned as much as possible. It was a nice added perk that he was willing to record class lectures and put them online in case we missed class or just needed to hear the lecture again. Great instructor with a poor taste in basketball teams.
- 5 No Response
- 6 I would suggest that the professor encourage students to get in groups to work on assignments and study for the test more.
- 7 See you in 2420!
- 8 No Response
- 9 I would highly recommend this instructor he is defiantly very knowledgeable about all the course material and is very friendly and easy to approach when it doubt about something.
- 10 No Response
- 11 I think he's an awesome teacher I learned a lot.
- 12 This was a great class and the professor was one of the best instructors I have had.
- 13 No Response
- 14 I wish chi tester have netbeans. It would also be nice if students are allowed at least one page of notes for the midterm and final.
- 15 No Response
- 16 No Response
- 17 overall great class thanks.

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Course Evaluation Bradley Peterson - CS2420 - CRN 22599 - Fall 2014 Standard Deviation **↑** Your Overall Score 3.60 0.83 Instructor (Qs 1, 2, 3, 4, 5, 6) 3.67 0.78 Content (Qs 7, 8, 9, 10, 11) 3.56 0.88 Method (Qs 12, 13, 14, 15) 3.57 0.83 Other (Qs 16, 17) 2.93 1.18 Your Overall Semester Average 3.58 0.81 Dept. Semester Average 3.29 0.93 Dept. undefined 5 Year Average 3.49 0.84 Your undefined 5 Year Average 3.51 0.84

A score of 3.60 places you in the 8th decile of your department this semester. Total number of respondents: 17

	iotal number of respondents: 17						
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	
1	1. The instructor created a stimulating learning environment. SD: 0 D: 1 N: 0 A: 2 SA: 14						
1	2. The instructor was knowledgeable in the course subject material. SD: 0 D: 1 N: 0 A: 2 SA: 14						
\Box	3. The instructor communicated clearly and was easy to understand. SD: 0 D: 1 N: 1 A: 0 SA: 15						
\Box	4. The instructor was respectful and cared about me personally as a student. SD: 0 D: 1 N: 1 A: 1 SA: 14						
1	5. The instructor was available and responded to inquiries in a timely manner. SD: 0 D: 0 N: 2 A: 2 SA: 13						
\Box	6. The instructor was timely in returning grades for assignments and/or tests. SD: 0 D: 1 N: 1 A: 2 SA: 13						
1	7.1 was given sufficient resources and reference material throughout the course. SD: 0 D: 2 N: 1 A: 3 SA: 11						
1	8. The course content was professional and of high quality. SD: 0 D: 1 N: 0 A: 2 SA: 14						
\Box	9. This course increased my knowledge of the subject matter. SD: 0 D: 1 N: 1 A: 1 SA: 13						
1	10. The course content prepared me for the assignments and tests. SD: 0 D: 1 N: 2 A: 2 SA: 12						
\Box	11. I was appropriately challenged in this course. SD: 0 D: 1 N: 0 A: 3 SA: 13						
\Box	12. Course objectives were clearly communicated. SD: 0 D: 1 N: 0 A: 3 SA: 13						
1	13. Course content and time was well spent in support of the objectives. SD: 0 D: 1 N: 1 A: 3 SA: 11						
1	14. The course as a whole followed a logical pattern of organization. SD: 0 D: 1 N: 0 A: 3 SA: 13						
1	15. I feel the grading criteria for this course was fair. SD: 0 D: 1 N: 2 A: 2 SA: 12						
\Box	16. I felt the course was an effective use of my time. SD: 0 D: 1 N: 1 A: 3 SA: 12						
1	17. I felt the textbook used in this course was effective at delivering the material needed for class. (choose N/A if no book was used) SD: 1 D: 2 N: 4 A: 3 SA: 0 NA: 7						

1. What did you particularly like about this course?

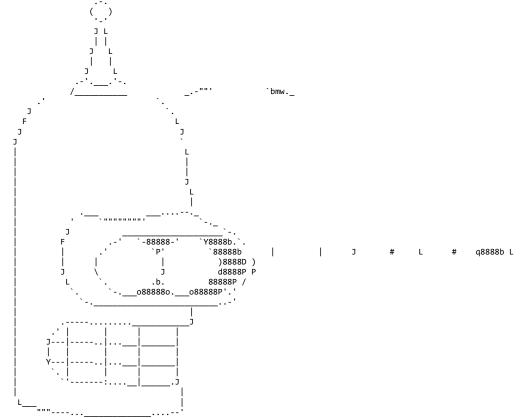
- $\ensuremath{\mathsf{1}}$ The course was fun and hard all at once
- 2 this class was a tough class and i wouldn't go as far to say that i "liked" the class. BUT it has taught me many things about myself
- 3 The assignments were a great learning tool.
- 4 The instructor's videos (whether I had the time to attend the hangouts event or after the fact) was very helpful especially because of the impressive way the instructor would present the material. The visual representation of each data structure and algorithm was what made this course so easy for me.
- 5 The learning environment is open and friendly. I was not afraid to ask question and I always received a prompt answer
- 6 A big part of the class that I really enjoyed were the assignments. Proper template class structure was heavily used but not at a detriment to us. Most of the assignments were challenging and rewarding with the exception of maybe the first 1 or 2. Although they were used for review so they shouldn't have been very difficult.
- 7 personality of instructor
- 8 I liked that he held all classes online using Google hangouts and then posted the video online so we could watch them later or over again.
- $\boldsymbol{9}$ Brad has an excellent way of teaching the complex topics.
- 10 No Response
- 11 I took this class online which is where I have taken the majority of my CS classes and I have discovered that the instructor makes or breaks the learning experience. Professor Peterson is the most online friendly professor I have taken a course from. He goes out of his way to give online students an opportunity to actively participate in the course and was always sure to provide any help on a subject I didn't understand.
- 12 This was a very challenging class which was good. Brad was a great instructor and made me realize that you can be a computer nerd but still be cool haha.
- 13 He made learning interesting. I usually complain when the videos online are longer than 30 minutes with his class the time went so quickly I rarely notice that his lectures where over an hour.
- 14 I liked that online students could participate in the lectures live
- 15 No Response
- 16 The added participation code in the lectures and the use of actually coding examples of code in the lecture. The example .cpp file helped a ton to figure out what to do with the assignment.
- 17 Fantastic use of video lectures and online "live" class through google hangouts. This is far and away the best online course I've taken which as a student of over 160 hours worth of courses many of them online I think speaks volumes. If all online courses were taught in a similar fashion I would be more than happy to complete the entire degree online and would be of huge appeal to future students I believe.

2. What improvements would you suggest for this course?

- 1 Probably finding a better book for the covered material.
- 2 2000
- 3 The assignments were difficult to complete. The could thing is that I was able to come to classes and lab time was provided. I spent an average of five to ten hours for each assignment.
- 4 Personally I think the assignments he gives us are too easy because he builds most of assignment for us. That was very useful in the beginning when we didn't quite know the material but I think he should give us more freedom towards the end. The tests were very helpful though.
- 5 None
- 6 Any improvements I can think of were made as they were recognized by us or Brad as the course progressed. Very well done.
- 7 na
- 8 No Response
- 9 Not every assignment had instructions. Granted some assignments shouldnt be extremely detailed out but at least if there was some sort of txt file with the goals or purpose of the assignment for every assignment it will help clarify where to start the the end result. Also I understand the lectures give a lot of detail but again having something WITH the c++ file would be very helpful even if it is short and limited in detail.
- 10 No Response
- 11 My only complaint is that a fully functioning program that is two hours late should not get a lower grade than a non-fully functioning program that is on time :). But the syllabus states clearly that this is the policy I just don't like the policy :).
- 12 None
- 13 He didn't always stay on the subject. I didn't mind that but some days it seems to take more of the class time than I would have like. Not often but sometimes.
- 14 I think the instructor is too lenient on the discussions forum. Seems like any one can write their code there and get code for their problems rather than figuring it out for themselves
- 15 No Response
- 16 I find that for me when I can read from a book I retain the information better. If you could find a way to incorporate the book that would make sense in the class I think that would help.
- 17 None really the course was excellent.

3. Please feel free to write any additional comments about this course or instructor.

- 1 Amazing knowledgeable Professor.
- 2



- 3 I wish the Brad taught more classes. I would be fine not taking Calculus classes and have Brad teach more computer classes that would help in Computer Science. Wouldn't that be nice.
- 4 I just want to add that I never completed CS1410 before I took this course I took this course and CS1410 concurrently and would like to point out it wasn't hard at all in fact CS1410 was a very easy course because of this course. Granted the beginning of this course was tough because I didn't know what templates were or the structure of classes and different passing methods but with the structure of this instructor's assignments I was able to keep up just fine in fact I think the reinforcement of the coupling of both courses is what made this course so easy for me. My point is I think this course could be easy taken concurrently with CS1410 and not strictly with the prerequisite of CS1410.
- 5 No Response
- 6 Although I took this class online and never was a part of the live streaming lectures I thoroughly enjoyed it. The lecture videos were very helpful and engaging. He made sure that everyone was comfortable with a topic before moving on (within reason).
 - I received email responses in a very timely manner.
- 7 na
- 8 No Response
- 9 No Response

- 10 No Response
- 11 Great course CS 2420 is very complicated material and I wouldn't recommend anyone take it online from anyone other than Professor Peterson.
- 12 Great instructor-hope I can have another class with him.
- 13 No Response
- 14 No Response
- 15 No Response
- 16 You get off subject a ton during the lectures. Sometimes it's nice but it's very frequent and makes the lectures overly long. Your grammar on your tests assignments and quizzes isn't the best. I feel like I have to re-read the questions multiple times to figure out what you're saying and even then I don't think I'm understanding what you're meaning for me to understand.
- 17 Professor Peterson is well versed in the course material provides ample resources to learn and review the material is extremely prompt with his reply's to questions asked via email and an entertaining and effective teacher throughout his video lectures. I felt like I learned a lot about object oriented programming from this course and that it may be one of the most useful courses in the program.