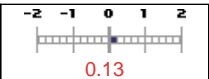
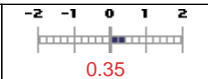


# CS 1110-001 Introduction to Programming - Spring 2012

ENGR (17429)

INSTRUCTORS: Sherriff, Mark (mss2x)

Respondents: 144 / Enrollment: 180

Summary: CS 1110-001 Introduction to Programming - Spring 2012 (17429)	
<b>Overall Course Rating</b> CS-1110-001 Mean 4.08 CS-1110-001 Std Dev 1.02 CS-1110-001 Response Count 719	<b>Overall Instructor Rating</b> INSTRUCTOR: Sherriff, Mark Mean 4.55 Std Dev 0.66 Response Count 1003
Difference from Category Mean, Expressed in Category Standard Deviations 	Difference from Category Mean, Expressed in Category Standard Deviations 
SEAS, 1000-level courses Mean 3.95 SEAS, 1000-level courses Std Dev 2.02 SEAS, 1000-level courses Response Count 8564	SEAS, 1000-level courses Mean 4.23 SEAS, 1000-level courses Std Dev 0.89 SEAS, 1000-level courses Response Count 23390

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																																																
<p><b>1. How accurate is this statement for you: After taking this class, I am more likely to major or minor in CS.</b></p> <p style="text-align: center;">~ Question Type: Likert ~ <i>contributed by Sherriff, Mark (mss2x)</i></p>	<table border="1"> <thead> <tr> <th colspan="8">Results for CS-1110-001, Sherriff, Mark</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> </tr> </thead> <tbody> <tr> <td>144</td> <td>3.08</td> <td>1.26</td> <td>23 (15.97%)</td> <td>34 (23.61%)</td> <td>36 (25.00%)</td> <td>34 (23.61%)</td> <td>17 (11.81%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="8">Results for SEAS, 1000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> </tr> </thead> <tbody> <tr> <td>396</td> <td>3.11</td> <td>1.32</td> <td>76 (19.19%)</td> <td>83 (20.96%)</td> <td>99 (25.00%)</td> <td>83 (20.96%)</td> <td>55 (13.89%)</td> </tr> </tbody> </table>	Results for CS-1110-001, Sherriff, Mark								Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	144	3.08	1.26	23 (15.97%)	34 (23.61%)	36 (25.00%)	34 (23.61%)	17 (11.81%)	Results for SEAS, 1000-level courses								Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	396	3.11	1.32	76 (19.19%)	83 (20.96%)	99 (25.00%)	83 (20.96%)	55 (13.89%)
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~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**4. How accurate is this statement for you: Pair Programming helped me learn the material better.**

Question Type: Likert

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
144	3.57	1.23	37 (25.69%)	49 (34.03%)	29 (20.14%)	17 (11.81%)	12 (8.33%)

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Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
398	3.57	1.20	105 (26.38%)	119 (29.90%)	96 (24.12%)	52 (13.07%)	26 (6.53%)

**5. Which topic/lecture in this course was your favorite and why?**

Question Type: Short Answer

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark	
Total	Individual Answers
134	See below for Individual Results

Solid State Hard Drives. It directly related to "tunneling" which we were studying in CHEM 3420. Its a fascinating concept.

Fractals were cool, and recursions was crazy, but I most enjoyed the lecture about the evolution of controllers because it was cool and relevant

My favorite topic in the course was about recursions. It taught me how to solve problems in a more efficient way and also it was pretty interesting to use the knowledge and draw beautiful fractals by myself!

Oddly enough, I really like recursion. It seems the most puzzle-like, and its fun to practice.

I liked the fractals because they were pretty (and I understood the algorithms to create them). I thought that they provided a good opportunity to apply skills and practice recursion.

The lecture about the development of video games and the controllers was my favorite lecture because it was very interesting and I could relate to the material.

Recursion and data reading. Recursion was cool due to its applications. Data reading, such as the GPS assignment, was very stimulating, because it was a real life application.

My favorite lecture was the Caesar coding because it wasn't as difficult or hard to follow as Yoshi, but still challenged us early on and helped me learn the material in an interesting and new way. I also really enjoyed learning recursion because I thought Sherriff did a really good job explaining how it worked, and surprisingly it felt like one of the topics I understood most quickly.

The concept of recursion was particularly cool because it allows a single method to form its own algorithm by calling itself. The fractals made using it were particularly cool.

My favorite thing was when we changed the photos by cropping or changing colors.

I liked the beginning stuff because it was easier, but the most interesting results was the fractals.

I enjoyed the topic on methods and classes. It was really awesome being able to make a full functioning zombie game.

My favorite topic was the homework assignment with the GPS coordinates because it required me to incorporate almost all of the topics we had discussed to date.

I liked loops the best. I felt that it expanded the complexity of my programs greatly.

The topics we covered in HW 4 because i understood them well

Programming math formula type thingies.

loops, i dont know why

I really liked the Chases, even though they took me awhile, it was a fun way to apply what we learned.

methods

Recursion. It was the one basic concept I hadn't already covered in some depth in a previous setting.

Writing classes becuase we could create games like Zombie from them.

Once I understood it, I really enjoyed learning about classes and methods because I found it quite interesting how they all fit together like puzzle pieces.

Watching the basketball game, pass by reference/pass by value, alarm clock entertaining and engaging

My favorite topic in this course was learning about classes and methods because they allowed us to create cool programs like Zombies.

The beginning, because it was easier.

My favorite was on for loops because I feel I learned those best and was able to incorporate them better into my programs.

I like the lecture when we learned how to make classes and defined the fields and attributes of the object

I liked recursion and python because both were relatively straightforward and made sense once you had the base logic down.

My favorite topic is recursion! I liked how each of them are like mini puzzles.

Loops and recursive methods because if they are programmed correctly, the program can be "autonomous" in the sense that it can be given anything and it will run and organize things effectively.

How to create our own methods, because it streamlines a program.

The class where the two girls were sent out with a GPS. That was an entertaining way to learn.

Programming lectures. It is useful and practical.

loops. it is the most practical

I liked the lectures on object oriented programming the best because of the non-traditional lecture style and examples used in class.

First chase; did it with a hot girl

learning how to draw fractals because they are awesome and were so much fun. I loved being able to mess around with them and create different drawings/fractals

Loops. It has a simple but very effective concept in programming

Classes/Objects because we got to make a sweet video game

Recursion, once I figured it out. It allowed us to see what we did. I would say the classes homework or ZOMG Zombies Homework, but my TJ partner did the whole damn thing, so I really didn't learn it.

Loops/methods/classes because that's when we started making programs that were actually interesting & their complexity increased by a multitude.

Loops, I liked being able to give alternative paths and implement a lot of the previous topic we had learned.

loops helps me with infinite series in math...

Recursion, because the professor made it interesting.

I really enjoyed learning the basics of java. This is something that has always interested me, and it wasn't too frustrating.

HW5 about programming the Zombie and Human game.

For loops because I thought they were simple and effective

My favorite topic was recursion because when we had homework on that topic specifically, we were able to create really neat images onto the computer screen.

I liked reading files and manipulating the data, because it was interesting, moderately challenging, and useful. Methods were good, too, especially because of the zombie game. It made me feel like a "real" programmer.

LOOPS -- I actually understood them.

File reading

Files, Loops, and GPS. It was interesting to see a real world use of computing in HW 4.

I enjoyed the zombie game because games are fun

I enjoyed learning about loops in the beginning of the course, and practicing/mastering them over time.

Logical code writing (booleans, ||, &&, if(), etc) -it's fun. like puzzles

I liked HW4--Search and Rescue--because it helped me see how I could truly apply this to a real-life scenario. Reading in files and doing "stuff" with them in general was my favorite because while doing my accounting homework I found myself thinking, "I could write a program for this."

For loops, because it can do many things and help the user a lot.

I really liked making our own classes and methods because I think it was a better picture of what real-world computer science does than other stuff we did.

Hard Drives

Decision structures -- easiest to use in my opinion.

I quite enjoyed the first half of the course. I felt the problems were very challenging but I was able to make a break through and enjoy my success. I felt as the semester progressed the course speed up and I fell a little behind.

writing methods and classes

The fact that I learned how to code, and make programs, such as games, was very appealing; I felt a certain sense of accomplishment, and more importantly liked the fact that I was using my cognitive abilities in a different manner.

When we were taught about the internet and we shown the various locations our IP address takes.

My favorite topics were the loops such as the while loop and for loop. I believe that they were taught the best.

Recursion I really liked the pictures.

The most interesting topic we discussed in class was the construction of a GPS tracking system. This seemed to be the most relevant to a real life situation and it was the first homework assignment in which I worked with another situation. I enjoyed completing the assignment even though it was rather difficult.

Loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops, because loops

Building classes because we started to create bigger programs

I liked the simple stuff like the credit card checker. I just like those kind of problems better than most of the other stuff.

Loops, they were easy and interesting.

Methods, it helped me code a lot more efficiently and helped to keep things organized.

ALL

I thought that the history of video game programming was fascinating. I've always thought of technology as being a crude representation or an extension of the human body. Seeing how the controller evolved to accommodate and mimic human form made me think about all the things I've learned in STS..

I enjoyed learning about loops the most. Loops have a ton of uses in solving computation problems, so it was useful to learn about them. I also thought that learning about loops and using loops to solve various problems helped to expand my ability to problem-solve in general.

The encryption lecture was very interesting and engaging.

Classes and methods were my favorite part of the course, because the application of the earlier concepts became more complex (and interesting), and opened up more opportunities and use for what we learned

Recursion, because I finally understood and completed the homework all on my own (which is a surprise).

loops and recursion because its going to be useful in my engineering classes

I enjoyed recursion because it allowed for the best application of computer programs to solve problems.

Fractals because they were useful in learning recursion

My favorite one is to write my own classes and let them communicate with each other. I used to be a pascal programmer and I never used that before. Classes in java are really useful.

Python, having no prior knowledge on CS languages it was definitely interesting seeing how the languages were so similar yet so different.

Recursion, I really liked how it can tell you exactly how to solve the Tower of Hanoi even if there are so many of the disks.

Recursion: I thought the algorithmic thought process related to recursion was the most interesting thought experiment of the course.

I liked the decryption chase. More interactive.

The Zombies HW assignment because it allowed us to be creative and we weren't restricted to a specific set of guidelines we absolutely had to follow.

For loops. Hard coding around a for loop is such a pain.

The one when we talked about fields and methods because it was easy to understand.

Recursion because it was thought provoking and useful concept to learn. Even if i never use it again, i still found the thought process to be useful.

making own objects and classes was interesting.

Writing class. The homework for this part was cool.

while loops and for loops, because it makes the most sense to me.

Fractals cuz they were fun and pretty!

Recursive methods

For loop is my favorite because its useful.

I liked learning how to make different methods and classes because that put programming all together for me and allowed me to then really expand my toolbox.

Recursion and photo editing. I enjoyed it. I was fun

The lecture where we watched the UVA basketball game (because it was awesome).

the class&method&loop part is my favorite cuz we can really code a lot of stuff using those things

Fractals, because it dealt with images

I really loved when we talked about creating classes. Professor Sheriff's demo to help us understand classes was REALLY interesting.

Zombies. 'Cause, I mean, zombies.

I really liked the recursions topic and the fact that homework 6 covered this topic. I had a lot of fun creating fractals and seeing what recursion can do.

Game making, it was fun.

The lectures involving the Particle Simulator and Homework 5 because it showed things that Java can do that I didn't think it could do.

I enjoyed learning how hard drives worked because I enjoyed the physics aspect of the class.

I greatly enjoyed the zombie game because it was extremely satisfying to play my own work.

loops, because we learned the cipher and I had a better grasp of the material at during that time frame

I enjoyed the Zombie homework. It was fun making something that involved a little bit of creativity.

Loops! Loops are useful, fun, and easy to learn.

I enjoyed recursion because in my opinion it was the topic that was taught best and I actually had a genuine understanding of the material.

Reading files because it was comparatively easier.

Every topic, as this course provided the basics of computer programming that will be used and built upon as I take Software Development Methods next semester.

Recursion. I liked the way it work and liked to find the logic under it.

Fractals

I enjoyed learning about for and while loops. It made a lot of sense how you could loop over the data several times and organize it/change it the way you wanted.

I enjoyed learning how hard drives work to store data.

I enjoyed the lectures about classes because it really brought everything that we learned together. After these lectures I was truly able to understand programing in more depth.

The individual homework assignments because they were comprehensive buy difficult.

I liked recursions because it was very logical and was a good challenge with fun awards in cool drawings.

I enjoyed the "Hello World Lecture"... It was very informative

my favorite topic was recursion because you can make cool drawings

Zombie!!

I enjoyed the decryption chase because i was practical and fun.

Fractals were a lot of fun because of what you were able to make from such small amount of code.

Not much in this course was boring. I didn't have a favorite, but nothing was lackluster.

I really liked the application of programming to real problems in the homework like the hikers homework and the video game.

i found recursive algorithms interesting and elegant

Loops, very logical

I enjoyed methods because it made the most sense to me.

class/objects; after learning basic coding structure, learning classes and objects expanded our coding ability exponentially and it was pretty fun to be able to write code that only a week or two before seemed impossibly complex.

I thought fractals were interesting since they can theoretically go on forever. Plus they looked cool.

I really liked the part where we learned the credit card app.

**6. Which topic/lecture in this class do you think you will find the most useful in the future?**

~  
Question Type: Short Answer

~  
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark	
Total	Individual Answers
132	See below for Individual Results

Just the general type of thinking you learn through coding.

for loops

building classes and methods to tackle a problem in more managerial pieces.

Creating Methods and Classes

The lectures about java, not python.

Classes, because that is most useful further down the road in Computer Science

reading and writing files from the computer and the internet

I think understanding how data types and files work will be the most useful later.

As I will be taking CS 2110, any topics that will help me in that class.

Application software development

Programming math formula type thingies.

I think that the beginning of the class with the types of loops and the like are really applicable to solving problems in other classes already and will be helpful in the future.

I believe i will find recursion to be the most useful. Seeing that i will never continue computer science into the future, recursion was more based upon problem solving and had less to do with actual coding.

Just problem solving.

methods

Probably the basic topics like loops, arrays, methods, and classes because I feel like those are some of the building blocks to computer science and will be very relevant in future classes.

Having a basic understanding of writing loops is a basic start for any programmer. So having knowledge of the loops types and which one to use when.

Code a little, test a little

I think that all of the course material will be useful to me in the future.

File Reading.

recursion, its a bitch

Most of them seemed pretty handy dandy

arrays. They have been the most useful for data analysis. They are crucial.

Class and method material. I can play games when I am bored because of this material.

I think going over the elements of a class and how they relate to each other would have been more helpful to focus on.

Programming loops.

Almost all of the class.

I think the fact that I have learned about how computers work and think will help the most. It also helped me think logically.

I don't think I will find any of this useful in the future.

Learning how computers work

for loops and arrays

Learning about general structures that are transferable to other types of coding (fundamentals like loops/if-then statements, etc)

regression

file reading

Again, I think the logical thinking practice from recursion will be the most useful. Also the general idea of using methods as smaller tools to have a more coherent algorithm was a very useful mindset.

The use of the for loop.

Recursion and restoring corrupted file are the most useful because even if you are not majoring in CS, you can still apply the skill.

Programming, actual coding.

general problem solving/determining algorithms

It helped me how to approach the problem and solve the problem algorithmically and breaking big problems into smaller chunks at a time. This can be applied to every engineering discipline.

Probably arrays and arraylists.

Recursion

Just seeing code and how it was structured helped me to appreciate computer science. I honestly won't be using this in the future.

I think that on top of all the programming language and tools learnt, the most important thing is the way cs teaches you to think. It is different, you have to come up with possibilities and details as well as keeping the big picture in mind.

writing methods, it is more efficient.

The topics covered in Hw five because they seem like the ones we would use most in the real world (methods and what not)

the algorithm writing part. most applicable in other fields.

Classes/Objects

The

arrays. difficult to set up sometimes

Methods, for the same reason.

All of them.

All of them.

java

I/O

Methods and Classes

I think recursion will be helpful in the future as it tested and improved my problem solving skills.

ALL

The methods and classes and writing of for loops, if else statements, and while loops.

Everything.

Creating methods

loops and recursion. They seem to form a basis for work in CS.

using algorithms to solve problems not just in cs but all problems i will face in life.

Methods/Classes

Loops

Loops

Loops

It's programming, everything will be of some use.

Discussions about thinking algorithmically.

The lecture on computer electronics and how a hard drive works. I plan to major in either electrical or computer engineering and this gave me a better idea of how computers work. And let's not forget about ferromagnetism.

Again, the topic of classes helped me understand programming better and gave me the ability to make a unique program. If I continue programming, it will definitely be most helpful in the future.

Various sorting methods with students wearing numbers. It was extremely effective. I followed everything Sherriff said. While I pay attention in class, I usually find it hard to follow everything Sherriff says.

Learning to write our own programs I think will be the most useful in the future.

Breaking big problems down into littler problems. :)

I believe the java programming component would be the most useful because as an engineer I believe I would use a wide variety of programs and understanding how they work could make me a better user.

The classes and the recursion would probably be the most useful. Methods is also very useful. They are the essentials to the programming base.

Introduction to Programming (As it is really about problem solving)

loops

loops



I will probably find the topic of understanding how hard drives work the most useful in the future.

The problem-solving lessons; dividing and conquering issues.

The more simple stuff like writing a program to take data and return relevant information.

The for loops and while loops because it will make looking through a list of items much quicker than reading through them one by one.

making your own classes, and reading in files.

Reading files both from the computer and the internet.

Learning about making objects in the form of new classes seems like it will be particularly useful. It makes modeling things much easier.

Just basic programming skills and features of computers because I don't plan on going further in CS thus the basic understanding of CS was great.

reading and executing code using files

I think I will find pretty much everything we learned useful. Not just in the sense of programming, but it builds problem solving skills and presents a base knowledge of how computers reason.

Well, being a math major, I will probably find the lecture on Math using Java the most useful. The lecture on loops will also be very helpful.

Loops and recursion for engineering.

Classes

Advanced I/O

Method and Class creation and that approach to problem solving.

creating methods/classes/constructors

Class/Methods

I feel that the general ability to problem solve will serve me the best in the future.

As a whole the course was most likely helpful as a general-understanding type of learning experience, as it does not strongly pertain to my career.

Some of the basic algorithms and problem solving methods.

classes/objects; see above response

I think that the most useful topic that we learned in Computer Science will be the construction of classes and methods. There are many situations in which there are tedious calculations and I think that this knowledge will come in handy for other course homework problem sets. Outside of the University I can see myself using these topics at internships and jobs.

The general idea of CS will be very useful in the future. I don't know how much coding will be useful, but the process of looking at a problem and solving it bit by bit will be helpful when applied to other problems that are not computer science related.

Maybe simple for loops or while statements. or maybe if-else statements

All lectures! After this class I have considered becoming a CS Major.

Loops, conditional statements and class writing.

I think the idea of programming overall will be useful because I know I'll run into dealing with some form of it later in life. In the last lecture Professor Sherriff talked about the fundamental reasons it is important to take Computer Science. It is for those reasons I found the course most useful.

Definitely the practice code we do in class!

I think it's the concept behind the things that we learn that are useful because if you don't choose CS as your career then what you learned technically wouldn't really matter. Professor Sheriff did well in developing our analytical thinking though.

Learning about Java in general, such as the syntax and various techniques used to solve problems, will be useful in general. Especially if I want to pick up another programming language since it will now be easier.

The actual workings behind computer science.

I think recursion will be most useful in the future because it helps build a better, more fundamental knowledge.

the overall java skills.It's really useful in every single aspect. I even use it to do math problems.

Learning how to think to solve a problem in a CS setting.

I really did get a lot of practice in algorithmic thinking, so probably that component of the course.

working with files and URLs

writing methods.. assuming I continue in CS

Honestly, I don't think I'll use Java in the future, but I think the stuff where we were learning how to add things into the Zombie homework assignment were probably the most useful.

All the stuff related to Internet, like building an URL, an online chatting room.

Writing methods to simplify programming.

Loops and basic methods because it is easy to code knowing this two very well.

The topics on various loops.

CS in the world around us. (one of the first lectures...)

Probably the ones on the basic decision structures (loops and if statements and such). These will come up in later classes and I will be sure to remember them because they were used to frequently in the course.

No specific topic I would say, but the overall subject will be useful depending on the major you pursue. For me, I do not think it will pertain too much to my intended major though.

How to write loops.

Formulating algorithms and problem solving

Loops -- they are useful in almost every other type of code.

the ones where sherriff would tell us if we had to take one skill away to take the problem solving/thinking skill

all the introduction lectures, recursion, for/while loops

If statements, while/for loops. It teaches you how to think logically.

The lecture on algorithms may be the most useful in the future. Understanding how to go about solving a problem and learning about different basic algorithms taught me skills that easily translate into other things beside just computer science. That topic basically applies to problem solving in general, which I think I'll probably have to do in the future.

I think I will use classes and methods the most in the future.

**7. What lecture/topic(s) in this class "did not work" or were not seen as useful in the long run?**

Question Type: Short Answer

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark	
Total	Individual Answers
129	See below for Individual Results

I think the lecture where you had us bring in objects to model as a class was too vague for a lot of people to understand, and it made me a little more confused about how classes worked. I didn't see the point in the activity.

I didn't like the computer hardware lecture, because I didn't really see how it connects into programming.

I did not feel that in any topic taught in class

I wasn't a huge fan of the partner coding. I felt like every now and then it was helpful to ask a friend how they solved something (especially when its a little problem and waiting for the TAs took forever) but mostly I felt that it was more confusing because there are a few ways to solve the more complex problem.

I don't think I will have to use any kind of loops again.

I did not see Python as useful. I find java coding more interesting and fully helps me understand programming as a whole. Python made it less complex, but was very annoying to adjust to.

confused on advanced I/O and object serialization.

I am not finding the material we're going over now very useful. (AIO)

The sort algorithms seemed kind of random to me.

Any in class activity such as chases, there wasn't enough help or guidance. Just sorta "figure it out", which doesn't really work when you're clueless.

Python. It was interesting, but without going into a bit more depth, it seems kind of useless.

I really think that all of this class was applicable and useful, the chases were slightly not useful though they still had applicable programming in them.

I hate the chases.... I do really well on the tests and homework, but for some reason I majorly freeze up when you ask me to code in class. I don't know why.

none

The python chat lecture partially because I had problems with installing python and I wasn't able to keep up with the class.

Python

Python

python does not seem useful

Methods, they were useful but I became confused with programs that required a large amount of them.

I really don't like python, it's confusing. Even though it might be useful(?)

recursion

recursion

I personally could not follow the lessons on Advanced IO at all. I got lost somewhere in the lecture and felt it was moving too fast for me. I couldn't do Yoshi's Chase at all because I had no idea where to start. Other times the lectures moved a little faster as well, but I didn't feel as pressured because we weren't expected to do activities like this.

I think it was good to see Python to see a different programming language and make connections and contrasts to Java, but in the interest of making the CS material easily understandable to those who have had no programming experience, I would keep Python to a minimum (like we did this semester).

Recursion is probably the least useful for me personally.

I felt python was a useless topic that was more distracting from the core of the class.

I think the lecture on storage probably wasn't very useful in the long run. We didn't spend a lot of time on it and it never really sunk in or seemed to be very important.

None

None

Nothing.

Recursion seemed a bit of a stretch. I ended up just making guesses on the homework with my partner, it worked but I'm not sure how.

NONE

I liked the work we did with fractals but I don't think it will be very useful in the long run, and I really disliked making an image in Google Maps

Methods were confusing and are less applicable outside of computer science.

The chases were not always useful.

I felt that python was largely unnecessary for the class.

Recursion, it's cool to work with but in most cases I still feel iterative is much easier to deal with.

Using Python. I still don't understand it.

The lecture on how files were stored.

I did not find the later lectures on the images as necessary.

Advanced I/O was confusing; Python was weird; and the introduction to object oriented programming was weird.

N/A

N/A

N/A

I did not understand the array/arrayList frisbee demonstration very well. Moreover, I think Python was given either too much class time or not enough.

I think the .jar stuff could be taught a little bit more if they are incorporated into the homework assignments as they are.

Recursion

I thought that Yoshi's chase exceeded my abilities. Maybe simplify it a bit in the future.

Hard Drives

All "chases" are worthless. Computer Science is not my strength, and for those students on my level, the chases are ineffective. I am one of those students who never actually leaves the auditorium -- unable to get past stage 1. I prefer a lecture any day!

Every lecture seemed to fit and the material that seemed unfitting (such as the classes on gps or the actual technology behind a computer) were actually the most interesting lectures.

I didn't like the 'try it on your own' I usually learn by examples and following along

Too much abstractness when introducing methods, not enough guided practice writing them. (I still don't really get how to properly make a constructor, and coding bat doesn't help)

Python is a good alternative to Java, but I would not like to spend more than one lecture learning about it.

The lecture on Hard Drives, although interesting, was probably the least useful in the long run. It felt like a "filler" lecture.

None of the lectures were pointless, but if I had to choose one that did not work, it would be the one about ferromagnetism.

FERROMAGNETISM.

Nothing wasn't useful.

Some of the more complicated features like the messaging server client stuff

Doing chases.

I never really saw the point of fractals. I guess to help us with recursion, but I didn't get much out of writing them.

I didn't find either of the "chases" useful at all. There was never enough instruction before the chases, so it was hard for me and other students to figure out where to start. There also wasn't much help during the chases either. They might have been better if Sherriff brought in the TAs to help, or gave us hints part way through. Also, the coding required for the chases was more advanced than what we had learned, so only the people with advanced programming knowledge found them "fun."

n/a

n/a

n/a

n/a

The "ferromagnetism" class and the chases

most partner activities were NOT helpful to my personal understanding

Python; did not have enough time to get really acquainted with it

Nothing-- everything was great :)--- not sure what Yoshi's chase is about though..

I have a little difficulties in understanding the draw methods.

Complexities

Learning Python

Storage System topic

The discussion of "ferromagnetism" & likewise the actual "physical components" of computers and while I understand that it is helpful to know how our computers operate, it didn't really give me any new insight to "computer science", more so computer engineering.

advanced I/O

All lecture/topic(s) were in some way useful. So none.

I did not find doing recursion with fractals that useful. It did not require much thinking because of the lindemayer system.

The fields/methods/classes portion was very confusing.

everything helped

The one about hard drives.

None come to mind.

Sorting

I think that the lectures on recursion could have been improved, I had to do a lot more outside preparation than with other topics to fully grasp this concept.

I did not like doing fractals they did not seem helpful especially in exam preparation.

The lecture on game controllers

I don't think any of them could be seen as not useful in any way.

Nothing

Nothing

Array list...

I had a hard time with recursion.

Advanced IO was rather quickly run through and I thought unnecessary due to how brief our exposition to the subject was.

Introducing Python in the middle of the semester

Everything is useful.

Using python

Learning about python... not very in depth.

I just feel like recursive methods could be replaced with while loops or for loops. Maybe I just have a hard time grasping that topic.

Probably the stuff about hard drives.

I did not fully understand any of the Advanced IO stuff we did in class.

Lectures on python towards the end "did not work", mainly because although it demonstrated the reason and potential use of other languages, it was difficult to follow along and more "copy along" rather than "follow along and learn"

I feel like the brief foray into python was not useful. I really didnt learn python, but wasted time when i could have learned more java.

Advance IO, I'm still very shakey on the subject. I probably just need more project

The lectures on python were not necessary because the programming language we mainly used was eclipse.

Recursion.

Learning about python did not seem helpful.

The lectures on Advanced I/O did not make much sense and will not be useful in the long run.

The lecture on ferromagnetism and the workings of a hard drive, etc. was very interesting, but it was also slightly confusing at the same time. Hence, for the first test, it didn't match with the other material that we were taught.

Python. I am not intending to be a CS major, and I felt like this was just thrown in (I am a third- year, and if I was younger, I might major in CS).

Doing "chases" instead of lectures is rather iffy -- if students get stuck on a part of the code, they cannot advance and are left confused. I would have rather let Sherriff lecture and teach us, although I see where having 1 or 2 different, DIY days (other teaching methods) in the semester can spice up the class.

Classes didn't really make sense.

python

python

python

python

python

----

The explanation of GPS

hard-drive, gps, and advanced IO... doesn't make sense to me...

some of the coding in general will most likely be forgotten in a few weeks.

na

python; I would rather have learned more complex topics in java than become mediocre in python (its syntax was too dumbed down that it didn't really help me learn about the structure of coding in general).

The credit card one. That was just plain hard and creepy.

ferromagnetism

Although I personally didn't really have a problem I feel that a lot of people had problems understanding the pass by reference and pass by copy lecture.

A lot of the technical hardware topics I didn't find useful

I think everything we've learnt in the course throughout the semester was useful.

I found all of them useful.

I can;t think of any at the moment.

The python lecture. I think we should stick to one language and learn to use that one first before we move on.

**8. How accurate is this statement for you if you used the podcasts from this class: Podcasts were useful to catch up on material that I missed due to absences.**

Question Type: Likert

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	3.71	1.13	28 (19.44%)	40 (27.78%)	23 (15.97%)	7 (4.86%)	7 (4.86%)	39 (27.08%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
396	3.88	1.01	85 (21.46%)	100 (25.25%)	64 (16.16%)	15 (3.79%)	8 (2.02%)	124 (31.31%)

## ~ QUESTIONS AND DETAILS ~

## ~ ANSWER MATRICES ~

**9. How accurate is this statement for you if you used the podcasts from this class: The podcasts were useful to review material that I was unclear on.**

Question Type: Likert

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
142	3.74	1.03	26 (18.31%)	36 (25.35%)	30 (21.13%)	5 (3.52%)	4 (2.82%)	41 (28.87%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
396	3.77	0.99	74 (18.69%)	97 (24.49%)	83 (20.96%)	19 (4.80%)	6 (1.52%)	117 (29.55%)

**10. How often did you listen to the podcast for a lecture?**

Question Type: Multiple Choice

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark						
Total	Every lecture (NA)	Nearly every lecture (NA)	Whenever I needed to review a topic (NA)	Only when I missed a class (NA)	Randomly just to see what it was like (NA)	Never (NA)
144	0 (0.00%)	2 (1.39%)	36 (25.00%)	33 (22.92%)	20 (13.89%)	53 (36.81%)

Results for SEAS, 1000-level courses						
Total	Every lecture (NA)	Nearly every lecture (NA)	Whenever I needed to review a topic (NA)	Only when I missed a class (NA)	Randomly just to see what it was like (NA)	Never (NA)
398	5 (1.26%)	3 (0.75%)	102 (25.63%)	81 (20.35%)	65 (16.33%)	142 (35.68%)

**11. How would you rate the availability of TAs?**

Question Type: Likert

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark							
Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
142	3.11	0.83	52 (36.62%)	59 (41.55%)	26 (18.31%)	5 (3.52%)	0 (0.00%)

Results for SEAS, 1000-level courses							
Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
393	3.04	0.84	126 (32.06%)	174 (44.27%)	76 (19.34%)	15 (3.82%)	2 (0.51%)

**12. How would you rate the helpfulness of the TAs?**

Question Type: Likert

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark							
Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
144	3.02	0.81	39 (27.08%)	76 (52.78%)	24 (16.67%)	3 (2.08%)	2 (1.39%)

Results for SEAS, 1000-level courses							
Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
395	3.04	0.81	113 (28.61%)	204 (51.65%)	63 (15.95%)	11 (2.78%)	4 (1.01%)

**13. How often did you make use of the TA office hours?**

Question Type: Multiple Choice

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark					
Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
143	12 (8.39%)	38 (26.57%)	23 (16.08%)	38 (26.57%)	32 (22.38%)

Results for SEAS, 1000-level courses					
Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
396	44 (11.11%)	79 (19.95%)	86 (21.72%)	112 (28.28%)	75 (18.94%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**14. Any specific comments about the TAs you would like to share?**~  
Question Type: Short Answer~  
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-001, Sherriff, Mark

Total	Individual Answers
94	See below for Individual Results

first day of lab one TA said "if you have a question, ask your partner, then look at the textbook, then if you still don't know, come to us," a little like saying don't bother us unless you have too, but they never refused to answer a question so they weren't useless.

There help was absolutely crucial during a few of the assignments, some were more helpful than others. Most would help me through a problem and I appreciated that.

I never really used the TAs.

Some were more helpful then others, but i learned more from the TA's then i did professor Sherriff in lectures.

It takes upwards of two hours to get help from a TA when assignments are in crunch time.

I wish my lab ta's actually went over the material from lecture.

They were always very friendly, energetic and very helpful

n/a

n/a

n/a

Whenever they were available they were extremely helpful. However there were not enough TA's in my opinion because office hours were usually overwhelmed.

Either the TA's were very knowledgeable, or they were not at all. Peter and that tall gawky guy with the glasses were awesome. Oh, and Casey.

There should be more TAs with office hours during homework deadline week. Kyle Ames is awesome.

It would be nice if more were scheduled at the same time in the afternoons. Really, its not about having one TA available at any time (seriously i could care less if one was available at 10am) if i need to talk to someone at 5 or 6 pm it is impossible.

Very willing to help, and genuinely try to explain something to you.

Most of the time TA's were really good, but other times they were just absolutely stumped.

More TAs before homework is due would be beneficial.

The TAs made me work for the right answer instead of just giving it to me. While this frustrated me, it made me learn the material.

They are always available at stacks!!!!

They were awesome. Thank you so much!

The TA's are very helpful in office hours. They explain things in a much easier way that helped me to understand a concept better.

The TAs were sweet.

The only time I talked to the TAs was for help with the assignments, but their assistance was invaluable in that regard.

The TAs went out of their way to ensure that my partner and I had a grasp of the information on the assignment. At one point our TA Dan even allowed my partner and I to meet up with him after lab at Rice Hall for additional help.

they were very helpful and knowledgeable however some were not very understanding in that most of the students have absolutely no programming experience.

Nope.

Nope.

TAs did not always seem to be the most knowledgable as all of them did not necessarily have much more experience with the material than me.



Some TA's want to let you know more on how "easy" the material is rather than helping on finding an actual solution or reason on whatever is giving me problems.

no

The TAs were very helpful when you could get time with one but there were always so many people at office hours that it was difficult to get the level of attention I needed sometimes.

overall the TA's were very helpful when they came to you. The only problem in Thornton stacks was when there was only one or maybe 2 TA's and a lot of students needing help.

They were helpful in lab sections but other than that I never utilized them

I thought the TAs did an excellent job teaching and helping, once you finally got to talk to them. They were in such high demand, it took me up to 3 hours to even see one. I went to 3 office hour periods before one homework assignment and had to wait for 2 hours every time I had a question. One of these days was not the day before the assignment was due, so it was just a little frustrating having to wait so long to get ahold of someone without being able to do anything about it.

More TAs :)

Hard to reach TAs during HW assignments

The TA's in my lab were fantastic

Some of them are douches and make you feel bad/ don't really help you when you ask for assistance even though that's what they are there for. Shout out to Peter and Courtney for actually helping!!

One of the TA's were not helpful and very snobby

The TAs are nice and the graduate TAs are much more helpful.

The TA's were sort of a mixed bag. Some were extremely helpful, others not as much. It was also hard to find the TA's in thornton stacks. They rarely had any marker for CS 1110 or any formal line/waiting list. On multiple occasions, I went to stacks, asked around for the TA, looked all over, and couldn't find them (even though they were supposedly there).

No.

No.

Nope

Nope

TA's help learn concept, but hard to get to them due to high demand.

Sometimes two different TAs would say different things about the same issue. It was hard to know what exactly I was supposed to be doing sometimes.

Helpful, nice, accommodating

I thought Marko was an excellent TA. He was able to explain the material very well and I received good grades on my homework thanks in part to his help.

they are awesome

None

They were a much needed boost!!

The system of having continuous office hours in the stacks was a good idea.

The TAs that I went to were all very helpful and helped me to better understand computer science. I don't think I could have made it through the class without them!

NONE

They were very available.

A lot of the TAs showed up late or at times not at all without notice; some, like Dan, were extremely helpful. Others, like "hat man" were rather condescending.

Very friendly and approachable

The TAs in labs were not very helpful in clarifying the material.

nope

nope

nope

No

No

They are helpful but sometime I was not sure of what they were talking about because of the technical terms they used. I did not understand them because I don't have a CS background

It was very hard to know which TA to contact for my specific lab regarding homework or questions from lab.

They weren't very helpful at all. When you went to them for a problem you had to fish for information. I do not believe that they should just give you an answer however to someone that is just learning programming this is not an effective way to learn material or finish homework. Instead of specifically helping you and showing you how to do pieces of the program the TAs would ramble on for 5 minutes then ask you if you understood all that they said and move on. A lot of the TAs talked down to the students and talked to them as if they were dumb.

I found them confusing sometimes, especially when it came to nuanced advice. One TA would have a specific suggestion for an approach to coding that had multiple(similar) solutions, and then on the way if I got stuck and asked another TA for advice, their approach would be slightly different, and I would end up having to backtrack and get more confused (especially for HW5).

More organized and quicker method of helping students during weeks of assignments because I often sat for an hour before even being seen once.

They are very helpfull and you learn a lot while doing hw and asking questions on specific parts of programs.

Thanks for all the help and dealing with us.

Not enough TAs at the lab sections.

They were very helpful you should increase their wages.

The office hours system was very poorly constructed using a piece of paper to mark off who had already been helped. It was confusing and inefficient. Some sort of computer system through collab where you can sign up for a slot and goes to a main computer should be implemented.

They did a good job. I appreciate them and their dedication towards helping everyone who came. Even if it meant over-staying their shifts.

Some TAs were amazing, especially in my lab section. But some of the ones in office hours were pretty unhelpful.

Sometimes the TA's seemed overwhelmed, so maybe working out their hours a little better so that they aren't alone with desperate first-years trying last minute to finish an assignment.

They are very helpful!

Some of them were more useful than others

Not really.

The TAs have a varying degree of helpfulness and optimism about assisting students. I appreciated TAs that would lead me to the answer rather than just telling me what to do and also TAs who realize I'm new at CS and still learning.

Sometimes my lab TA was pretty rude.

There should be more TA's before the homework is due because sometimes there are too many people waiting for help that you never get helped.

Very enthusiastic.

Casey was really nice and she helped me greatly during the beginning of the semester.

Most of them are nice and helpful

Peter is AWESOME

Kevin with the long curly hair is an awesome TA. He is always happy to help and really tries to explain a concept if you don't know it. He's also just awesome in general.

The overwhelming congestion in TA office hours needs to be resolved. I would go well in advance of an assignment's due date and would have to wait an hour or more to see a TA. When the office hours were especially full, you could only talk to TA for a minute or two, and he would quickly walk away after he answered your first question (assuming that you only had one).

Erin and Matt were great

## ~ QUESTIONS AND DETAILS ~

## ~ ANSWER MATRICES ~

This class has some of the best TAs! They seem excited about the subject, which really translates to us students.

They were generally knowledgeable and helpful

No. Most of them did well explaining things.

Better system when lot of students need help

**15. The course addressed technically rigorous subject matter consistent with the course objectives.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
143	4.34	0.67	61 (42.66%)	73 (51.05%)	7 (4.90%)	1 (0.70%)	1 (0.70%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1713	4.18	0.83	654 (38.18%)	809 (47.23%)	169 (9.87%)	50 (2.92%)	24 (1.40%)	7 (0.41%)

**16. The instructor used methods other than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, in-class discussion) effectively in this course.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	4.44	0.72	80 (55.56%)	51 (35.42%)	10 (6.94%)	3 (2.08%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3373	4.17	0.96	1018 (30.18%)	798 (23.66%)	308 (9.13%)	81 (2.40%)	53 (1.57%)	1115 (33.06%)

**17. There was a reasonable level of effort expected for the credit hours received.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	4.23	0.97	68 (47.22%)	56 (38.89%)	9 (6.25%)	7 (4.86%)	4 (2.78%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1718	4.12	0.90	632 (36.79%)	797 (46.39%)	173 (10.07%)	82 (4.77%)	30 (1.75%)	4 (0.23%)

**18. The homework assignments helped me learn the subject matter.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	4.47	0.69	79 (54.86%)	56 (38.89%)	7 (4.86%)	1 (0.69%)	1 (0.69%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1715	4.10	0.99	687 (40.06%)	661 (38.54%)	184 (10.73%)	106 (6.18%)	41 (2.39%)	36 (2.10%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**19. The textbook increased my understanding of the material.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	3.72	1.08	34 (23.61%)	63 (43.75%)	25 (17.36%)	14 (9.72%)	7 (4.86%)	1 (0.69%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1714	3.61	1.14	362 (21.12%)	650 (37.92%)	333 (19.43%)	171 (9.98%)	107 (6.24%)	91 (5.31%)

**20. The course material was well organized and developed.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
143	4.40	0.70	72 (50.35%)	59 (41.26%)	9 (6.29%)	3 (2.10%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3356	4.11	0.91	860 (25.63%)	929 (27.68%)	317 (9.45%)	89 (2.65%)	37 (1.10%)	1124 (33.49%)

**21. The instructor was knowledgeable about the subject matter.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
142	4.80	0.45	117 (82.39%)	22 (15.49%)	3 (2.11%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3329	4.45	0.78	1314 (39.47%)	633 (19.01%)	219 (6.58%)	32 (0.96%)	14 (0.42%)	1117 (33.55%)

**22. The instructor was well prepared for class.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	4.67	0.58	104 (72.22%)	34 (23.61%)	5 (3.47%)	1 (0.69%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3341	4.36	0.79	1162 (34.78%)	750 (22.45%)	259 (7.75%)	32 (0.96%)	14 (0.42%)	1124 (33.64%)

**23. I received adequate preparation from the prior courses in the curriculum to be successful in this course.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	3.37	1.28	19 (13.19%)	24 (16.67%)	25 (17.36%)	8 (5.56%)	11 (7.64%)	57 (39.58%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1704	3.63	1.12	288 (16.90%)	346 (20.31%)	330 (19.37%)	93 (5.46%)	63 (3.70%)	584 (34.27%)

## ~ QUESTIONS AND DETAILS ~

## ~ ANSWER MATRICES ~

**24. The grading policy was fair.**

Question Type: Likert

contributed by Dean of the School of Engineering  
and Applied Science

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
144	4.24	0.73	57 (39.58%)	68 (47.22%)	16 (11.11%)	3 (2.08%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3339	4.03	0.92	743 (22.25%)	905 (27.10%)	375 (11.23%)	113 (3.38%)	29 (0.87%)	1174 (35.16%)

**25. The instructor responded adequately to in-class questions.**

Question Type: Likert

contributed by Dean of the School of Engineering  
and Applied Science

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
143	4.59	0.67	95 (66.43%)	40 (27.97%)	6 (4.20%)	1 (0.70%)	1 (0.70%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3324	4.31	0.87	1144 (34.42%)	687 (20.67%)	270 (8.12%)	54 (1.62%)	27 (0.81%)	1142 (34.36%)

**26. The instructor effectively used technology in support of the learning goals for this course.**

Question Type: Likert

contributed by Dean of the School of Engineering  
and Applied Science

Results for CS-1110-001, Sherriff, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
143	4.68	0.58	104 (72.73%)	33 (23.08%)	5 (3.50%)	1 (0.70%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3328	4.19	0.90	962 (28.91%)	787 (23.65%)	338 (10.16%)	58 (1.74%)	34 (1.02%)	1149 (34.53%)

**27. The average number of hours per week I spent outside of class preparing for this course was:**

Question Type: Multiple Choice

contributed by Office of the Provost

Results for CS-1110-001					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
144	5 (3.47%)	37 (25.69%)	78 (54.17%)	19 (13.19%)	5 (3.47%)

Results for SEAS, 1000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1715	141 (8.22%)	794 (46.30%)	615 (35.86%)	117 (6.82%)	48 (2.80%)

**28. I learned a great deal in this course.**

Question Type: Likert

contributed by Office of the Provost

Results for CS-1110-001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
142	4.35	0.71	65 (45.77%)	65 (45.77%)	10 (7.04%)	1 (0.70%)	1 (0.70%)

Results for SEAS, 1000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1712	3.97	1.08	642 (37.50%)	630 (36.80%)	256 (14.95%)	112 (6.54%)	72 (4.21%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**29. Overall, this was a worthwhile course.**

Question Type: Likert

contributed by Office of the Provost

Results for CS-1110-001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
143	4.36	0.79	71 (49.65%)	59 (41.26%)	10 (6.99%)	0 (0.00%)	3 (2.10%)

Results for SEAS, 1000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1710	3.88	1.20	648 (37.89%)	583 (34.09%)	224 (13.10%)	132 (7.72%)	123 (7.19%)

**30. The course's goals and requirements were defined and adhered to by the instructor.**

Question Type: Likert

contributed by Office of the Provost

Results for CS-1110-001, Sherriff, Mark							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
143	4.45	0.61	73 (51.05%)	63 (44.06%)	6 (4.20%)	1 (0.70%)	0 (0.00%)

Results for SEAS, 1000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3260	3.76	1.06	938 (28.77%)	1000 (30.67%)	1095 (33.59%)	42 (1.29%)	185 (5.67%)

**31. The instructor was approachable and made himself/herself available to students outside the classroom.**

Question Type: Likert

contributed by Office of the Provost

Results for CS-1110-001, Sherriff, Mark							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
144	4.15	0.97	63 (43.75%)	53 (36.81%)	16 (11.11%)	10 (6.94%)	2 (1.39%)

Results for SEAS, 1000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3244	3.72	1.04	951 (29.32%)	782 (24.11%)	1288 (39.70%)	97 (2.99%)	126 (3.88%)

**32. Overall, the instructor was an effective teacher.**

Question Type: Likert

contributed by Office of the Provost

Results for CS-1110-001, Sherriff, Mark							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
144	4.49	0.72	83 (57.64%)	54 (37.50%)	4 (2.78%)	1 (0.69%)	2 (1.39%)

Results for SEAS, 1000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3244	3.80	1.06	1083 (33.38%)	768 (23.67%)	1181 (36.41%)	82 (2.53%)	130 (4.01%)

**33. Please make any overall comments or observations about this course:**

Question Type: Short Answer

contributed by Office of the Provost

Results for CS-1110-001	
Total	Individual Answers
93	See below for Individual Results

Both Professor Sheriff and the TA's were extremely helpful and energetic.

The only problem I see is that programming require testing, and with all the other homework we had there was multiple ways for testing to see if our program worked. Homework 4 did not provide multiple test to see if our program is working. In the future make sure student have multiple ways of telling their program works.

Sherriff is very entertaining, helpful, and knowledgeable in class, but is extremely unapproachable in person. Hes different in a group and individual setting.

I do believe this course is very worthwhile. Everything i learned in this class was due to the TA's and not to professor Sherriff. I found him to be very smug, stuck up, and not approachable. He seemed to have no patience for confused students. Not everyone has had as much computer science experience as others in the class, which he did not seem to acknowledge. He pretty much ruined this class for me. He is too concerned with making his lectures funny and does not focus on teaching the material.

Interesting, but I don't think CS is for me.

n/a

n/a

Mark Sherriff is the greatest of all time!

Even though the chases seemed to be boring at first they at least gave some good motivation to practice coding with more creativity. Also, I do not feel that the partnerized homework was a great idea because there was typically one person who knew what to do and another person who didn't or just didn't care thus the homework assignments were basically the result of only one student's input.

Professor Sheriff has good intentions. He tries to liven up the class with jokes, speaking with somewhat more intelligible, colloquial language of us youth, and had a passion for CS. However.... outside of class, you see another side. He is somewhat callous and just wants to answer you question with the most efficient, emotionless "algorithm" possible. This is perhaps not exactly a terrible fault. But sometimes its kind of tough to approach someone you respect for being passionate and caring about how "fun" a course is(while maintaining the educational value), and find that very person is not quite enthralled to speak to his students, unless they are very much in the Computer science culture.

While the work was different and enjoyable, a lot of time (more than expected) was spent on each assignment and studying.

Professor Sherriff is an awesome teacher! I am almost completely computer-illiterate and took this class in order to fulfill a requirement for my major, and after taking this class I feel at least somewhat proficient in Java (or that I could at least fake it, which is a huge accomplishment).

Sherriff was a good lecturer and a funny guy for sure. Other than the chases, his lectures were usually pretty good. He was obviously enthusiastic about the material, and he used effective methods for explaining the concepts. Nevertheless, one thing I did not like about Sherriff was that he would often respond to questions in a condescending manner. Several times when I asked Sherriff a question after class or during office hours, he gave me a short, frustrated answer. It seemed as though Sherriff couldn't believe that I was asking a question with such an obvious answer (even though he couldn't effectively explain the answer). Sherriff could have done a better job working with students one on one and empathizing with students who aren't able to code as well as him.

Sherriff is pretty awesome. I loved the incorporation of video games and other gaming knowledge in the lectures to serve as examples.

This is a fundamental course in computer science and it helped me a lot about understanding what CS is in the real world and how great it is to have the ability to write my own programs on computer. Great professor and interesting lecture!

Professor Sherriff was great but one thing I would change would be making sure students know what they are responsible for knowing before class, because at times i found myself learning material after class so I didn't have as much practice with it.

See CS 1110-102

Course was very worthwhile and I enjoyed learning about Computer Science. I may also take another course to further develop my programming ability. Thanks Sherriff

Sherriff is amazing!

The only suggestion I have is, if possible, the instructor should teach the course material at a slower pace

I kind of wish that there were more, smaller homework assignments, instead of 2-week projects. The Zombie game was a nightmare. The online quizzes were frustrating, not because they were difficult, but because they were difficult to remember to do. Other than that, this class was AWESOME!! (but it would be nice if coding bat counted for extra credit..)

He was a very fun and exciting lecturer who was able to convey the material effectively.

I learned a lot in computer science

He is a great lecturer, but he can be nicer one-on-one (by actually seeming like he cares, making eye contact, and not having a condescending face). He addresses questions/concerns during lecture in a good, enthusiastic manner, but he is not the same one-on-one.

Good required class. Good introduction to programming.

Professor Sherriff is a really good teacher, which is kind of rare in college. Most other professors are smart as hell but couldn't teach a fish how to swim. We need more Mark Sherriffs here--I'm paying money to be taught, not to fund old men's research.

none

I learned more from the HW assignments than the lectures which is understandable because there's only so much our professor can do before we have to try it ourselves. I came to every late class on Fridays because I knew I would get a laugh from this professor (more incentive to class than i can say for other professors). The answers to the multiple choice on tests could have taught better in lecture.

This was a good course, as long as they don't get behind students will do well Mr. Sherriff teaches very well

HATE group homework assignments. They are unfair because some people just don't do anything helpful.

best class this semester

This course totally rocks. I was a student thinking about commerce and art major, I didn't think I'd like cs before this, but now I'm just totally in love with it.

Sherriff is the best CS teacher ever! Too bad he's not teaching 2110 next fall :(

I really enjoyed it and even consider taking more CS classes if they will fit into my schedule!

While I did like the class, I found lectures kind of hard to follow sometimes. I learned most of the material from lab and the homeworks.

Challenging and fun

I loved intro to programming, too bad all the next level of classes are overflowing... I would love to expand my knowledge of CS. It shouldn't be exclusive to majors. This discrimination if unbecoming of the standards of well rounded education supposedly promoted by this University.

A great introduction to CS; Sherriff is a fantastic lecturer.

Sherriff is a great professor. If only he taught Economics...

How to describe Sherriff. If you remember pretty far back, there was a dancing frog that was a corner stone to Warner Bros. Looney Toons. He would dance when everyone wasn't watching except the guy who had them, and would be bland as hell when he was put out to see. Sherriff was that frog. He was the skinny Ralphie May when he was in class, but if you met him outside of class, he has the most stoic face. Yet, he is always helpful. Very approachable. Now, one complaint about the course is that we should make those who had some type of CS experience work in 1111. Many times, the TJ kids would just shine and dominate. Or just any kids who had that type of experience in general. I never fully learned classes because of a TJ kid. Another complaint, sometimes I feel that Sherriff had this "learning to walk" approach. I mean that while many of us were just getting our feet wet with CS, he expected us to be able to breaststroke, you know, forcing a crawling baby to walk. All in all, I endorse him getting his tenure, or whatever. He's cool. Better than Cohoon's quirky ass. jk

Thanks for making Java enjoyable for me. After taking this course I am seriously considering changing my major to CS. So if I don't get BME-- you will get another student under your fold :).

Incredible teacher. I wish that I myself was better at Computer Science, but Mark Sherriff teaches that class as well as anyone could possibly teach it.

If Professor Sherriff would earn degrees in all of the subjects this university offers, I would take every single one of my classes with him. A very informative professor who obviously cared greatly about his students' education in the subject matter and personal experiences with the class.

Professor Sherriff is amazing! He is great at communicating things with the class- the Twitter, Google calendar, Course Wiki and podcasts were incredibly helpful resources. One of the things I disliked was that the course seemed a little bit unbalanced- there was not a whole lot of work required outside of the class at the beginning, but suddenly the last few homework assignments took MANY hours!

Professor Sheriff is by far the most animated & interesting professor I have had so far at UVA and it is professors like him that actually engage me enough so that I go to every lecture and pay attention. He is a true hero for geeks like me and I wish to be like him when I grow up.

Sherriff's enthusiasm made it easy to learn

I enjoyed this class and it really made me more comfortable with the concept of programming.

the way sheriff set up this course was probably the best possible way you could do it

Professor Sherriff presents the material in a way that everyone can enjoy and understand. His homework assignments are fun and give us a desire to finish them and understand how they work. I have thoroughly enjoyed having Mark Sherriff as a professor.

The lectures were not helpful in clarifying the material, so it was not worthwhile to attend most days.



Professor Sherriff is a great professor! He actually made computer science somewhat enjoyable because he is such a funny and upbeat guy. He was very approachable in office hours and helped me a great deal. One thing that I would improve upon in this course would be to do all of the homework alone. I liked working on homework by myself more than with a partner because when I was with someone who was a lot better at programming than me, I missed that time to really work on it and figure out how to solve the problem, because my partner would just say "oh I know what to do!" and then do it. But when I had someone a lot worse at programming than me, then I had to do it all anyway but at a time that was convenient for my partner, and I would have liked to do it on my own time. But overall this was a good course and Professor Sherriff is awesome!

I felt that I learned a lot in this course and was one of the most worthwhile courses that I have taken so far at UVA. I was extremely worried about taking computer science since I had never done it before, but I felt like this class was extremely good for a beginner like me.

1110 was a lot harder than expected!

Sherriff is an engaging teacher who makes CS interesting. He is an approachable person in and out of the classroom.

Professor Sherriff is clearly passionate about computer science. He was always excited to teach us something new and also made jokes in class that kept us awake, alert, and entertained. His teaching style was very effective (at least to me and my friends who also took the class) and I believe that I learned a great deal in this class. Everyone should take this course before they graduate!

Can have less pair labs

Sherriff is a great professor to get started in CS with.

This course would be good if we didn't have to deal with the TAs or the material that we are expected to know went with the book. The book makes everything more simple and easier to understand. I read the book and then sherriff expects us to know how to do something ten times harder. The book does not go with the level of difficulty of the course.

I suggest the instructor to give more single-person assignments to students to avoid free-rider problem and help every single student to learn more about programming.

Lab was not useful. I feel like the time would be better used with simple assignment prefaced by a brief reiteration of the general concepts necessary to complete it.

Favorite professor thus far at UVA #beast

Sherriff is actually the best.

Sherriff was a fun teacher to have even though the course was difficult.

I felt a lot from this class

It would be absolutely fantastic if the podcasts came with accompanying code, because at times you mumble parts of the code and then leave out others and I have to get my friends to let me see their code from lecture.

While I am not more likely to major or minor in CS, I will now see the applications and use for CS in my job or when solving future problems.

Way cool.

Sherriff was awesome and made the lectures interesting, never wanted to miss a lecture :)

Fantastic teacher. CS is just not really my thing.

Professor Sherriff did a really great job teaching this class. He was funny, class was interesting, and I learned a great deal about Computer Science. If I had the opportunity, I would certainly take a class of his again.

I think you should advocate the book more, because it really did help in a pinch.

Sherriff is really the only reason people enjoy this course as much as they do. He's funny and makes lectures very interesting. It isn't everyday that I look forward to a lecture.

I think Sherriff is a great teacher and a great speaker. He is exceptional at explaining how a computer science mindset is applicable to anyone interested in problem solving. His in-class student demonstrations and coding treasure hunts were superb

CS 1110 was a great class. I never took any formal education in programming, and the class was great. The pacing was quick, and was taught in a manner that I felt was understandable and easy to pick up. The teacher made it better with his quirky jokes, comments, and the like. The only thing I would consider changing a little would be the lectures; sometimes they jumped around and changed pacing quite dramatically.

I had a difficult time following Sherriff in lecture -- between coding and listening. I think it just comes with the technical subject matter, not with the effectiveness of Sherriff as an educator.

Mark Sherriff is condescending and full of himself.

I probably learned more from this class than any I've taken before. My level of previous computer science knowledge was nonexistent, but now I can solve reasonably difficult problems with computer science.

Sherriff's enthusiasm and knowledge of the subject made it interesting.

The course was great and got me interested in Computer Science although i never thought it would be a field I'd like to go into

Sherriff is an outstanding teacher with a great attitude to the course. While I personally did not find the subject matter to be my favorite, his teaching style made me want to come to class. His sense of humor really adds to the lectures and class. One might think sense of humor can't add that much, but it does. But other than that, he knows his material well and has an obvious passion toward the subject.

It was an okay class. I just really do not enjoy computer science, and I was angry that I was forced to take it.

Prof. made programming fun and easy to understand!

Professor Sherriff has made everything vivid and interesting. Even though I've already learned almost everything taught in this course when I was in high school, I still like to go to class just to listen to his lecture. It's an enjoyment to listen to his lecture.

I enjoyed it

When doing coding in lecture, Sherriff went very quickly and it was often hard to keep up. But he was always happy to explain things and was very good at keeping the whole lecture hall engaged.

Professor Sherriff is an amazing teacher! He makes CS fun and entertaining! I can't wait until the summer to just code for fun!

Great teacher, very engaging and knowledgeable. Taught material effectively and made what could be a boring subject involving sitting in front of a computer into a fun and varied experience.

It was pretty good.

coming into the e-school i was disappointed that i was forced to take a CS course. However, upon completion, I am happy that I took this course because I think every person should have some background in programming

Although I thought the homework assignments were extremely useful in the long run, some of them required extremely large amounts of outside time. I've never coded before this class, and I must have spent a total of 20 hours just at office hours on the last 2 homework assignments. I also found this to be a result of having a partner that did absolutely nothing on one of the assignments. I didn't feel the partner homework assignments were that great because it felt to me like either one person or the other ended up doing most of the work. One week I felt bad because the other person seemed to do more of it, and it also hurt me in the long run because I didn't get that topic as much. Then the next homework assignment, I pretty much carried the entire thing. It took such a long time to do, but it did help in the long-run. So overall, I think the homeworks should be assigned differently...maybe not as complex but work to do on your own? The partner set-up didn't really seem to work too well in my case. Other than that, this course was extremely rewarding. Although it moved a little fast at times, once I finally got a hold on the information I loved it. It's extremely rewarding when you finally are able to solve a problem through coding, and I really enjoyed learning the material in general. Also I think Professor Sherriff did at keeping the class environment fun yet informative.

Great lectures!

I wish the professor would have been more available personally. But the course was well done and enjoyable. I felt Professor Sherriff is an excellent teacher. I felt the textbook was horrible. I went out and bought two other books and B&N that were infinitely more useful. I felt I wasted my money on the course textbook.

This was a very eye-opening course and I learned a lot and gained a greater appreciation for CS.