CS 1110-002 **Introduction to Programming** - Spring 2011

ENGR (32339)

INSTRUCTORS: **Sherriff, Mark (mss2x)**

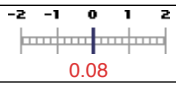
Respondents: 298 / Enrollment: 309

Summary: CS 1110-002 Introduction to Programming - Spring 2011 (32339)

Overall Course Rating

CS-1110-002 Mean 4.10
CS-1110-002 Std Dev 0.84
CS-1110-002 Response Count 1482

Difference from Category Mean, Expressed in Category Standard Deviations

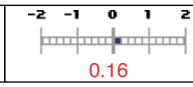


SEAS, 1000-level courses Mean 4.02
SEAS, 1000-level courses Std Dev 0.91
SEAS, 1000-level courses Response Count 6732

Overall Instructor Rating

INSTRUCTOR: Sherriff, Mark
Mean 4.43
Std Dev 0.73
Response Count 2079

Difference from Category Mean, Expressed in Category Standard Deviations



SEAS, 1000-level courses Mean 4.30
SEAS, 1000-level courses Std Dev 0.82
SEAS, 1000-level courses Response Count 9419

~ QUESTIONS AND DETAILS ~ | *~ ANSWER MATRICES ~*

1. How accurate is this statement for you: After taking this class, I am more likely to major or minor in CS.

~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
295	3.16	1.30	56 (18.98%)	69 (23.39%)	76 (25.76%)	55 (18.64%)	39 (13.22%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
441	3.20	1.30	89 (20.18%)	101 (22.90%)	112 (25.40%)	85 (19.27%)	54 (12.24%)

2. How accurate is this statement for you: After taking this class, I have a better appreciation for Computer Science.

~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
297	4.27	0.85	136 (45.79%)	121 (40.74%)	30 (10.10%)	4 (1.35%)	6 (2.02%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
441	4.29	0.81	201 (45.58%)	188 (42.63%)	40 (9.07%)	4 (0.91%)	8 (1.81%)

3. How accurate is this statement for you: After taking this class, I personally have a better understanding of fundamental concepts in Computer Science.

~
Question Type: Likert
~
contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
296	4.38	0.72	142 (47.97%)	134 (45.27%)	12 (4.05%)	6 (2.03%)	2 (0.68%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
441	4.37	0.72	208 (47.17%)	205 (46.49%)	17 (3.85%)	7 (1.59%)	4 (0.91%)

~ 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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
296	3.52	1.20	71 (23.99%)	97 (32.77%)	61 (20.61%)	48 (16.22%)	19 (6.42%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
442	3.50	1.17	100 (22.62%)	143 (32.35%)	101 (22.85%)	74 (16.74%)	24 (5.43%)

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

~

Question Type: Short Answer

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Individual Answers
265	*See below for Individual Results*

HCI, because it brought in real world examples (video game controllers) that were fun and nostalgic.

recursion, completely new way to think

Recursion. I enjoyed the homework assignment where we had to use recursion to create different pictures. It was interesting to see how simple recursion made this.

Methods were my favorite because they were applicable in so many different situations.

Loops because they are very interesting

I enjoyed loops because I understood the material. I also enjoyed the dark arts presentation but that is not necessarily in the curriculum.

Recursion, so applicable

Scanners because it was the first real interaction we had with our programs.

Video game controllers

Loops because i thought it was very interesting.

The various loops (for, while) and data mining. I think the loops are really interesting because it allows us to complete a task many time without having to write the codes so many times. As for data mining, I think it is really amusing how data stored in some other files can be read into the program and calculations & even graphs can be made.

All the lectures from Prof. Sheriff.

Fractals, because it gave you a tangible visual result that could be manipulated.

Recursion, because I liked the recursive drawings

I liked all of the random fields that we talked about in the end, because they sparked my interest in a lot of topics that I've never really considered before.

The evolution of gaming controllers. Just a fun lecture and topic to talk about.

I liked the end of the semester when we did things involving graphics more, such as homework 5 and 6.

Working with java in general - like the simplicity of breaking a problem down into smaller steps

I really found loops to be interesting. Made programming so much easier.

I liked learning about the different kinds of loops because it made me understand how things can work differently when different parameters are given.

The human interface interaction lecture that Sherriff did. The old video game controllers was an interesting show and tell treat. I also enjoyed the lecture where he threw a big red ball at us and yoshi stuffed animals. I think that lecture had to do with arrays.

loop. because I always wondered how you could write a program which would repeat itself.

Caesar Cipher

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Methods, because it was a challenge.
	guest lectures at the end
	A great course overall
	I enjoyed the ciphers we did.
	I enjoyed learning recursion
	I liked the lecture about loops.
	I enjoyed the fractal and recursion stuff. The programming was more figuring out ways to manipulate the methods to get what you wanted which is like a puzzle. I like to solve puzzles.
	The lectures at the end of the semester were very interesting to me because they related computer science to the world around us. Also the lecture that demonstrated different sorting methods.
	recursion. fun.
	fractals were very cool
	HIC. I find it interesting to mesh psychology and computer science
	Human Computer Interaction. It was interesting to see how people and culture affected the way computer techonology advanced.
	All :)
	My favorite topic was recursion because it was fun to make the scenes.
	Doing practical applications of what we learn. i.e. labs and homeworks.
	I like recursion - mostly because I'm a math major and I see a lot of mathematical principles in it.
	GUIs because it's interesting to use programs that don't only use inputs on the console.
	there wasn't any particular one but ofcourse as se progressed the materials became more interesting.
	definitely not recursion.
	Learning about the parts of methods were my favorite because it brought together the basics what we had assumed from the beginning.
	Loops. They were interesting to work with, especially when we started doing nested loops. Seeing their applications across different homeworks was also fulfilling.
	Loops, because they were an interesting fundamental of computer science.
	Arrays and loops because they can be applied in many situations and are very helpful when coding.
	Recursion
	Recaptcha lecture -Funny and interesting
	Loops they were the most effectively taught and represented in the textbook.
	I enjoyed the data mining homework, mainly because it was easy enough that I could do it, even with my limited CS knowledge, but it still had a worthwhile and practical application.
	My favorite topic/lecture was the lecture about cloud computing. It was absolutely fascinating how a bunch of random people can be "crowdsourced" to do something cool.
	I enjoyed Data Mining. It was interesting and engaging.
	drawing fireworks because it combined everything we learned and was interesting and cool
	Loops - they were not too difficult to understand, and they are useful.
	none of the above
	GUI. More show for your work
	Methods, because they made the programs much more concise.
	Data mining
	I enjoyed making separate classes with constructors and methods.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Recursion was my favorite topic because it was the most challenging topic and therefore the most rewarding once I learned it thoroughly.
	I love recursion the best. We drew a lot of unexpected beautiful patterns.
	All of it was pretty interesting.
	My favorite lecture was the one on user and computer interactions and examining different interfaces and how certain products are designed for specific users.
	loops becuase I understand them and they're very helpful! other than that, obviously defense against the dark arts
	I really enjoyed learning about loops. There just seems to be so many applications to them and it was neat to get into something so fundamental and yet so necessary.
	I don't really have a favorite. It was all really cool to learn, and although certain topics were more challenging than others, I enjoyed learning it all and thought it was very enjoyable as a course.
	hacking - i want to hack
	Classes and object oriented programming. It made my programs more organized and flexible
	Everything :)
	I really liked learning about recursion.
	Projects when we had to make create designs like the fireworks, not just print out some numbers.
	Cryptology
	the chase. so much fun.
	I enjoyed learning the basics or the first half of class. The concepts were interesting and a bit more easier to grasp. I also thought I would use those concepts more than the more abstract ones we learned later in class. But all of it was interesting.
	Defense against the dark arts. Hacking is fascinating.
	I didn't really LIKE any of the topics per say but "liked" the easier stuff.
	Digital Secrets
	dark arts- very interesting and relevant
	Classes, i found it very interesting
	My favorite lecture was the one with the checkers board and explaining the way to use Arrays and ArrayLists because it made it relatable to something I already knew - I could then have that picture in my mind when working with Arrays and ArrayLists.
	I really enjoyed the lectures on cryptology and codebreaking.
	Loops. I understood them the best.
	I liked the topics on drawing pictures and the fireworks.
	Loops, because they were useful in all future aspects of the course and they were simple to understand how to use them.
	my favorite lecture was the one on if/else statements and else if. it was what i understood the most.
	All the guest lectures near the end of the course were my favorites because it let me see the varying degrees to which computer science is applied in the real world. I even signed up for one of the classes one of the guest lecturers is holding next semester.
	I enjoyed the early lectures, they were easier to understand
	I liked the lectures on loops the best because I understood them the most.
	Loops, they're the most useful.
	I enjoyed the recursion part of the course, for some reason I understood it the best.
	Loops and logic. I like logic
	I liked the lecture on cryptography and the dark arts lecture, it was interesting to see how computer programming was present in history and currently.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Recursion. Being able to see the result of our efforts in the tree form was fun and very rewarding.
	I liked the topic on GUI's since I am a very visual person.
	methods and classes
	ALL, Love CS
	Recursion-make fun pictures.
	I really liked learning loops, I think that was a big step in expanding my knowledge of CS and taking it to the next level.
	I enjoyed learning about conditional loops because it allowed me to better organize my algorithms and write programs more efficiently.
	Talking about the development of technology was my favorite topic. It was an interesting bridge between the real world and what we were learning.
	Data mining. Most practical.
	Writing methods
	Recursion, it was slightly complicated
	I enjoyed talking about HCI because it is something that is very relevant to me even though I am not a CS major/Engineer.
	Crypto, very cool application of CS
	My favorite topic was learning methods, as it allowed me to really organize my code and it at least made me feel as though I could accomplish more with eclipse than I could before I understood the concept.
	Caesar cypher because you could do this early in the course and applicable.
	methods. made sense
	I enjoyed the part about recursion, particularly fractal drawings. It is challenging, but I enjoy figuring out the algorithms.
	reCaptchas/Google Data Centers/Jeopardy because it pertained to computer science issues I interact with daily.
	Recursive fractals
	My favorite topic in lecture was probably cryptography because it was a challenge but fun at the same time.
	Recursion! Because we could make so many beautiful scenes with it.
	I really like learning on how to use the different types of loops
	loops, it was most practical
	I liked learning about creating classes because I enjoyed doing the particle assignment.
	I really like the sorting demonstrations because of how interactive they were.
	Everything. I just really enjoyed learning to code.
	Loops. They were challenging at first but I probably understand loops the best of anything in the course and find them to be an integral part of programming.
	Learning about methods was enjoyable. It provided new ways to simplify code and was very practical
	Cybersecurity - its a growing field and it interests me
	The lecture in which Professor Sherriff showed us the video gaming controllers and how they changed from year to year. I thought that was a pretty cool idea.
	Method-writing, since it made coding so much more efficient
	I really enjoyed the cryptology lecture given because it was interesting to see the history of it and how it progressed over the years.
	I liked the data types lectures, because I literally knew nothing when I took this class so it was helpful for me that you covered the basic basics.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	My favorite topic was the UML Diagram because it was very simple to make and you drew pretty pictures to help us remember.
	Decision structures (if/while loops). I felt this was the most interesting subject.
	GUI, felt it was more accessible.
	Recursion because it was the most interesting
	Loops and reading files because it was the most realistic application.
	The chases were cool because it gave us a fun way to apply what we know instead of doing tedious homework or labs.
	Using if statements because they greatly help to create user-friendly programs.
	decision structures because they were extremely useful for every other topic and relatively easy to grasp
	loops. theyre easy
	Opening and editing document files with Java programs. It is definitely practical.
	Recursion was very interesting - it really made me think logically about how it worked
	I really like recursion. I find it really difficult, but it is also very rewarding when i figure it out.
	The lecture on Watson was my favorite, it was an interesting subject, I enjoy Jeopardy, and it was taught in a nice low key manner that was enjoyable.
	I liked whenever there were demonstrations and he brought in props, especially the student demo he did to learn different sorting techniques.
	Really all of them were interesting. I can't point down any lectures that I particularly liked more than others. All of them were good, including the guest lectures.
	GUI's because they are fun to make
	My favorite topic was recursion, because it the homework assignments/labs were not only fun, but challenging.
	Recursion because of the objects we created
	The very first one when we got to code for the first time. It was exciting
	Computer human interaction
	Loops, it was fun just seeing how a couple lines could do so much.
	I was all interesting.
	loops, kinda cool and quite useful!
	Dark Arts cause they were intriguing
	Loops. They were kind of difficult at first, but they were incredibly useful once you had learned them.
	HCIs it was very interesting
	Fractals. They are just really cool.
	Recursive was one of my favorite topic just because it was a new way to approach problems.
	Mostly all, I loved programming
	I enjoyed using the first chase as an interactive introduction to loops. It was a fun and real world way to introduce the material.
	I enjoyed the Particle Simulator Assignment and its related material.
	Primitive data types because it's easy.
	I liked learning about different kinds of loops, I thought it was interesting how they worked
	recursion The idea behind this topic is fantastic
	Recursions because we were introduced to a different approach to problem solving.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Recursion, though it was difficult to grasp it was actually one of the more interesting things that computer programming taught me.
	captchas because it was interesting and not centered on programming
	recursion
	recursion
	recursion- it required the most logic though the entire language is logical. I enjoyed the process of figuring out how to write recursive methods.
	I enjoyed learning about methods and classes, they seemed to bring everything we learned in the course together.
	Recursion, because the homework in which we drew fractals was super fun.
	loops, they are the most fundamental function
	None
	None
	None
	Recursion - it is an interesting way to think through problems.
	The lecture about decoding secret message (The one by Sheriff was a bit more interesting than the guest one, just because we actually applied it).
	I liked the lecture on captchas because I felt like it was applicable to my life, and we got to look at fun pictures.
	Defense against the dark arts
	I enjoyed covering classes because they 1) had clear practical application 2) gave me some idea of how larger programs might be structured at lower levels and 3) pulled together more or less all of the material from the previous topics.
	Loops. Because it made the homework a whole lot easier.
	The recursion part was interesting, it was a different way of thinking about stuff
	GUIs because they're just so cool!
	Recursion it was neat
	I enjoyed doing the snowflake by using recursion.
	iterations
	I enjoyed the topics up to and including loops the most, because it was very interesting getting a feel for the basics of how to code and use java effectively. Those first few lessons really challenged me as I tried to reason out the logic of how to create a working program.
	The chases related to decryption were incredibly fun, because not only was it incredibly atypical to get outside and have fun during class, but it really motivated you to learn the class material in a unique way.
	The lecture on Google.
	Learning about loops was pivotal and the last bit of easily understandable fun. Everything seemed to get harder from there on.
	I actually appreciated simply gaining the basic understanding of the material, something which of course happened throughout the course. I'm going to work for a software company, and so I am taking the class simply to have a better grasp of at least the fundamentals of what my company will be doing. I feel quite prepared for that.
	Advanced I/O. It seemed practical to know how to do things such as open a picture or copy a picture, etc.
	I enjoyed the approach that was taken to learning arrays. Definitely entertaining and worked effectively in grasping the concepts.
	I thought recursions was really cool because it was more challenging but once you know how to do it, it's is incredibly useful.
	I really enjoyed learning about cryptography, but actual topic would probably be the 'for' loops and the 'while' loops.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	My favorite topic was learning about classes and how we can make them model real-world applications. My favorite lecture was the HCI lecture. General programming concepts, esp. loops. Methods, it was the most clear and useful. Creating a class I thought the if commands were my favorite, because it follows a certain condition that you set. And for an engineer, a lot of different conditions must be met in order to solve a certain type of question. And learning helped me a lot when i had to use MATLAB for other courses. Captchas because it was funny. Recursion! It was the one thing I understood the least and felt the least intuitive to me. So it was nice feeling like I had some grasp on it by the end. Working my way through arrays, ArrayLists, and method/class programming was also a good time... I think it was mostly the satisfaction of writing a program that successfully used those concepts that made them so fun for me. Loops because they were easy. recursive methods because it was the most challenging topic. I found arrays to be especially interesting. Loops For Loops, because it was easy to grasp and I thought it was fun I liked learning how to use methods. I liked it because it made a lot of things easier to program. Probably the first lecture, because Professor Sherriff's quirky humor drew everyone's attention and got them more interested in computer science. Loops. They are quite intetresting Computer security and hacking because I see it having an increasing importance in the future. Recursion. I didn't dig it Computer-User interaction: it focused less on the coding side and more on the theory of why certain programs are put together certain ways, especially pertaining to GUIs. Loops. They were easy and the homework was fun with loops. Recursion, since it is something about logics, very interesting. loops The recursion thing is a lot of fun. This is my favorite part. The scavenger hunt. Fun System.out.println(" there was nothing to do, thats why"); I liked making the caesar cipher because it seemed to have a real world application. I really liked the lectures at the end where we learned about topics like security and GUI's because they were useful topics that I didn't know much about. Loops, I also liked the particle simulator hw because it was cool. I thought loops where most helpful in eliminating a lot of unnecessary coding and work. The Pizza Order form, because it gave a real world application. Recursion was by far the hardest topic but definitely my favorite since it was a culmination of all the material we learned in the class. I liked the final homework assignment, it was interesting learning how to draw things through Java. I really liked the GUIs. recursion - extremely tough and frustrating, yet real sense of accomplishment when it finally clicked I really enjoyed working with turtle.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	captcha/recaptcha and jeopardy(watson)- I really enjoyed learning about how CS is applied to the real world. I really enjoyed the special lectures on google and data centers and the one on videogames. I really enjoyed the lecture on how search engines work, because that is something that is very relevant to our lives and we can use what were learning to help explain it. I enjoyed for loops and such. The hw assignments were hard enough that I had trouble with it, but easy enough to figure out my own. However, I think data mining was the most useful, and I kind of wish we had learned more about how to go to online sources and use their data, such as how the kid in the 2000-level course data-mined SIS. Computers HW5 with the particles and recursion If/Else statements, they were extremely helpful in coding and they were clearly understood in class. cryptography, has tons of uses, as well as I really loved the chase labs and homework were the only instances in which i learned anything I really liked methods because we seemed to do a lot of mathematical methods and I'm a math major so I was intrigued by them. And plus methods seem to make the most sense to me. Using the turtle method to draw things because although they were tricky and required a lot of thought, we could add a lot of our personal flavor to it. The second lecture on classes, because it so aptly gave the idea of what was going on at a fundamental level. I liked the Cryptology lecture ArrayLists. It was nice to see how you could structure and organize data. Decision structures The last few, about cryptography and hacking. They are very interesting to learn about and it is easy to see where they apply in the real world. Loops. I seem to think about a lot of things in the form of loops now. I liked learning loops because I actually understood them and used them a lot I liked the cryptology lecture because it was interesting and we got to learn some history of cs. I liked learning about hardware because it seemed most relevant to me. The very first concepts of programming lecture because the pace was very slow and it was easy to follow the professor. I enjoyed learning the decision structures the most. My favorite topic in this course was loops. They were hard to learn at first, but ultimately are very useful for making programs. I don't know what it is, they are just fun. reading in files and loops because i find this very useful Chases! They rocked. Recursion-fractals are pretty cool. My favorite lecture was on recursion and sorting. Although I didn't greatly understand it, the examples and fun examples Professor Sherriff did were entertaining as well as interactive. I liked the Defense Against the Dark Arts Teacher's lecture, because I found it extremely interesting (albeit scary). Human Controller Interface Loops, I didn't really understand what was going on from the beginning of the semester and during the loops section all of it just clicked and it was enjoyable. Too hard to choose, this class has been the most engaging I've taken so far at UVA. recursion. I like that we combine recursion with drawing. It stimulates me to think. I enjoyed the guest lecture about computer security systems

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	The first encryption chase. I enjoyed creating the code to decipher several messages. I really liked reading files and doing operations on the data - I thought it was fascinating that data from outside files could be used to calculate values. Recursion, because it was the most challenging and interesting concept. My favorite part of the course were the turtle programs. Although they were frustrating at times, turtle is fun to play with. fractals Recaptcha lecture because I have always been interested in the topic for a long time. The Dark Arts Professor's lecture.
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-1110-002, Sherriff, Mark Total: 264 Individual Answers: *See below for Individual Results*
	Probably data mining. none... understanding the logic of programming that is within every language all of it I think just the basic knowledge of the java "language" will useful in the future to me, so that even if I can't completely understand how something works I can get the overall function of a program from knowing the common words, etc. practical uses of cs the intro to programming lecture. Any lecture that had to do with volunteers from the crowd really helped gain perspective on how things like bubble and merge sorts work or how linear and binary searches are done. Simply a general respect for computer programming as literally another language. Hadn't thought of it in that respect before. Just having experience in a programming language will help me in the Comm School in my Finance Lab in which we have to program. Data mining seemed useful because I can imagine doing this with various documents. The data mining Rescursion. It seems useful enough in that it requires very little coding, and thus is quite efficient. not recursion, it's pretty much useless The end lectures, because they were less technical and more relatable to the life of a non-CS major. The breaking down of problems into steps. al most all of them The general structure of coding. I think the general thought process of figuring out algorithms will be most useful in the future. Not sure. I don't think I'll need to program that much in my future. The general computer science concepts lectures about applicability to other fields. I will probably find loops the most useful in the future. array and arraylist, loops, because they are highly applicable to many other similar languages such as VBA. They are definitely useful even in many non-programmer jobs.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	A number of them will probably prove useful. Even I don't continue with programming, the material on, say, how binary files, covered in lecture on April 27, allowed me to better understand how computers function.
	basic computer programming skills
	loops (same reason as above)
	I think methods and recursion will be most useful in the future.
	Writing Methods
	Data mining, GUIs
	If I decide to major in CS, the coding is probably the most useful
	Understanding recursion will help me better understand more complicated computer science concepts in the future.
	the case for cs will be the most useful because I won't be directly using coding, but I will appreciate the need for it.
	File I/O
	the ones about coding
	data-mining
	Decision Structures and Loops.
	the most useful thing is probably arrays and array lists along with loops
	I think I will find lectures on methods and recursion the most useful.
	Thinking in terms of algorithms.
	General skills using java, just understanding the concept of creating an algorithm and working through the code.
	To be honest i dont plan to ever write another code again, however it did give me insight into how a computer works and thinks.
	Recursion
	Recursion
	Recursion
	Recursion
	The fundamentals (loops, data types, etc) - it will help me write basic programs in the future
	The topics related to reading files and analyzing the information in them will probably be the most useful in the future.
	all.
	The basic concept of creating algoriths will be very helpful in the future.
	I honestly can't say. I think they will all be very essential for most programming in java, which I plan on doing a lot of in the future.
	writing classes and methods
	Loops/recursion.
	Scope, to understand other people's code
	Reading CSV files was useful, I actually already used it to analyze a file that had sales numbers to find which product was the most efficient.
	hopefully the career line i end up chosing won't need me to do any programing. but if I had to pick something i would use loops.
	how to think analytically and programatically
	Just programming/algorithms in general.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Topics that deal with automated processes, such as a Caesar cipher. I will be able to write small programs like this in the future to automate certain tasks.
	Because it is a 101 class, I imagine the majority of it will be very useful.
	Not sure.
	The general knowledge of logic that we learned throughout.
	The lectures dealing with loops and if statements.
	The basic topics that would help create programs that solve equations would probably be most used.
	I think loops and recursion are probably the most useful topics that the class teaches.
	Loops because it makes the programming much easier.
	Just the general understanding of how programs working. Particularly creating if statements and the ability to use loops.
	I think I will find all of the basics taught in this class useful in my later CS classes.
	all
	No specific lecture.
	I'm not sure which topic I will find useful in the future. Probably the "why cs is useful" lecture since it shows how computers are used in many important jobs.
	Basic java programming, such as for loops, methods, etc.
	I think the early lectures of primitive data types will be most useful.
	Now I understand computer science jokes that deal with java language
	They were all useful! Seriously though, the usability/user interface lecture might be really important.
	Loops and Reading Files.
	Probably the topic of Classes, simply because that IS Java and Computer Science.
	Reading and sorting/analyzing data.
	HCI
	methods and classes
	methods and classes
	Loops!
	Recursion, because it is fun and usefull
	Being able to program in Java. I have raw materials now that I can use (and will probably not be forgotten too quickly) wherever I go. I am now like gold to employers.
	The basics of inputting values from the keyboard and outputting it to the screen will be important in the future.
	Everything has its importance here and there
	Recursion, loops, and arrays seem the most useful in the future.
	Approaching problems from a programming perspective
	I think all the topics were useful because each topic gave you the information you needed to build your logic up for each program.
	The general concepts of the class that promoted algorithm thought process and increased my general capacity to think in terms of programming.
	File I/O - data mining is useful, and saves time because it doesn't have to be done by hand.
	I think all the topics that related directly to programming (if/else statements, loops, recursion) will be useful in the future.
	not sure.
	The while and for loops were my favorite. It made numerous computations easier and faster.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Any of the topics that relate to problem solving will certainly help me in the future.
	Same as above
	I will find the beginning topics the most useful, as I don't see myself using recursion and the more advanced topics in the future that often. Simply understanding how to look at code and see how things work will be the most valuable experience.
	Human Computer Interaction.
	I think everything will be useful in the future.
	None.
	I think just having a basic understanding of computer science will help greatly in the next three years in SEAS.
	In general, learning how to think like a programmer will be useful when i look into more programming projects on my own in the future
	Data-mining.
	Basic loops, and maybe methods.
	Methods were very helpful because they teach you how to solve problems using CS.
	Data mining.
	Classes.
	General lecture about computer science and how it relates to today
	Given that I don't pursue CS as a major or minor, the fundamentals like loops, if statements, etc. will probably be the most useful.
	I think I will find all of the basic concepts of programming together to be the most useful, if I go into an engineering field and can use some computer science.
	Recursion, use all the time in coding
	iterative thinking
	Learning for, while and do-while loops seemed to be the most useful throughout the course.
	Overall the course provided a solid beginning for future courses in CS.
	The basic language is probably useful for me in the future
	None.
	I think recursive and loops will be really useful in the future.
	Opening and editing document files with Java programs. It is definitely practical.
	I'm not really sure. Recursion might be useful though it was a bit hard to understand at first, as well as classes.
	splitting files and then calculating things based on that data.
	Recursion. I know we will be working with fractals in differential equations, so this information will give me a head start.
	Learning to create and use methods.
	How to make things print on to the screen and take in information (like the Pizza program). And how to sort and search for things.
	creating classes
	recursion, loops, gui, advanced IO
	methoods
	Just the basic appreciation of computer science
	I feel that the topics concerning the fundamental concepts will be the most useful because those will reappear the most and be more universal throughout other topics.
	methods, dividing and conquering proved the most effective method be in this class or life

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Not sure, maybe the threat of hackers to the government and people
	Writing Classes and methods
	recursion. It's hard but I can see the most usefulness when taking later CS classes.
	Loops and basic coding languages
	Reading and processing information from files, since it is so applicable to other fields of study
	Basic programming input/output and loops that can be used for solving math-based problems.
	All of them
	All of them
	Cyper warfare.
	Probably the one concerning Object Oriented Programming within Java.
	Loops and/or arrays.
	Methods! They are SUPER important to understand
	not recursion
	See above.
	All of it.
	recursion
	recursion
	recursion
	recursion
	recursion
	recursion
	The computer security lecture.
	most of the information covered seems like its useful
	Loops, they were the "go to" code.
	Arrays and Recursion
	Understanding in general what computers and computer programmers are able to do will serve me well in the future.
	I think I will find the recursion lectures the most useful because it was a difficult topic for me to initially understand. However, after going through the lectures, I now have a much better understanding of it and will know when to use iteration and recursion.
	I actually have no idea. Just the basic knowledge will help me I'm sure.
	None
	None
	None
	Data mining. I'm currently helping a professor with his research in the Economics department. And I actually tried using what I've learnt in the data mining lectures to help me calculate some datas. Although the codes written were pretty simple, the idea of being able to use what I learnt in CS in some other fields is pretty cool.
	Learning how to write loops.
	Defense against the dark arts
	Either computer security, or a specific topic would be using loops, as I potentially look to creating a Droid App.
	the whole concept of understanding programming

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	same as above. GUIs, because the concepts applied to a computer program can be applied to other user-facing technology as well. iteration and recursion All. Everything if-else statements, for loops, arrays data mining Basic programming ideas, like loops, prompting the user, creating your own methods and recursion. Labs were really helpful I think the classes on creating classes and constructors will be the most useful because they allow you to effectively model the world around you. The lecture on Google. The lecture about computing in the world. The most useful topic in class will probably most likely be loops. As mentioned above, they are very useful and almost necessary to make any kind of program. I think knowing about primitive data types and other fundamentals of computer science will be most useful. I think the classes or methods topic will be most useful in the future. If statements and loops Solving equations with different input values. ALL Learning about loops. The basics of understanding how computer programs and algorithms work will definitely be helpful in the future. all of them Nothing in particular UML Diagrams and Classes Programming HCI, because it was relevant to every day life and made me think about how things are designed. Reading in files Loops, for the reason listed above. Nothing? I plan on teaching high school....I have no idea how this will help me in the future. All of it will be useful. Loops Loops Loops Loops Loops Making classes and being able to call them in other classes. just making simple programs to help you make computations easier and more time effective Methods

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Logic and algorism
	Reading a file and being to sort through data.
	Loops, files
	each every topic is useful
	Writing and using methods.
	Arraylist
	Understanding methods and arrays
	I am going on to other CS classes, so all the fundamentals of programming will continue to be useful for me.
	reading files, data mining
	advanced I/O
	Loops.
	Recursion.
	The idea of objects in programming.
	The arrays and usefulness of arrays.
	Reading files.
	Recursion of I/O.
	loops
	loops
	loops
	loops
	Possibly classes, if only because they deal with modeling objects and understanding object-oriented programming.
	Test 1 review lecture.
	Recursions.
	Recursions
	loops- they seem to be a fairly universal way to write more complicated programs, and they were applicable to almost every task we were given (except when told not to use them).
	The analytical and problem-solving skills that come with programming.
	An overall understanding of the structure and organization of computer programming will be most useful.
	I thought the guest speaker on the upper level CS class was really interesting. It was also interesting because it was about stuff happening around us all the time that we should know about.
	Understanding 2D arrays and arraylists will probably be the most useful as it allows me to store and manipulate data.
	I found the topics about arrays to be the most useful.
	Sorting out information from a large mass of data.
	Just basic programming skills
	lol idk.
	Reading a file
	Decision structures
	see 5.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	the intro to eclipse one Searching and sorting arrays. Arrays. All of them really will help me Probably File Reading recursion because it is much faster to program. I can see basic computing, such as loops, being very useful in the future. topic - classes/methods Can't decide for certain, but overall this class gave me the ability to start programming in java, which is extremely useful itself. Loops and Recursion Since I won't be any future CS classes due to my new major, I think every lecture had its usefulness. I think the lectures teaching me loops and if-else statements were more useful than others because they are important in almost every coding assignment. Overall, I'd say the class overall was very useful in gaining a basic understanding of programming and computer science. I can't really thing of any ONE class that I think was more useful than any other. Classes because it is basically what makes up the fundamentals of a program Probably the lecture(s) about data mining. I also think recursion is the most useful topic I learned because it got me acclimated to thinking outside of the box, a skill I will badly need as an engineer. Human Computer interactions. decision structures because they are used in so many instances I think loops will be most useful in the future I think recursion will be the most useful in the future since it's also mathematical and it saves lots of time and coding. defense against dark art I think the basic programming language I learned will prove to be the most useful to me in the business world. I think that the basic programming we did with loops at the beginning of the semester is the most useful. A basic knowledge of Java can go a long way in the real world. Reading in and working with files. Probably the topic of data mining since I know how to look through large amounts of data now. The whole course will be useful to me because i plan to major in computer engineering. I think learning about the concepts of object oriented programming will be the most useful in the future. I think all of it will be useful, especially mathematical operations and file reading.
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-1110-002, Sherriff, Mark Total: 252 Individual Answers: *See below for Individual Results*
	Recaptchas were kind of fun, but I don't think it was very important knowledge to have in the long run. i thought that arraylists were not that useful. I had a hard time grasping recursion. I stil dont fully understand it or how I can use this later in life (unless I'm programming)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I did not fully understand recursion and do not see where I would need to implement it in my future career. Recursion was very time consuming and I don't know how useful it will be. nothing, I believe everything will prove itself worthy over time. Some of the guest lectures were too broad in scope. files eh loops are pretty easy and i'm surprised when didn't do a more intense programming with them. Recursion is still kind of confusing...I see its benefits but I'm not really sure whether I'll use it in the future. Recursion drawing None to speak of. primative data types and learning the differences. read in file. Learning about computer hardware none none none none none none We went over class diagrams a lot! I caught on quickly but I guess others had more trouble. I had trouble with methods, although it will be important in the future Hardware lecture is not so useful any. lectures sucked. Recursion, while sometimes more elegant a solution to code, seems inferior to iterative solutionsin my opinion, and I will most likely refrain from using it unless required to. Hardware of File I/O cryptography None really. None really. Recursion was definitely a difficult topic to understand, but switches for me seemed to be the least useful in the long run even though they were not too difficult to understand. I was personally not a fan of recursion. I can see how they are useful in calculations but I did not like creating fractals. The classes somehow was a difficult concept for me to grasp. Data types Drawing things with recursion. I don't believe recursion will be useful in the long run. It simply does not seem like something I will be using as a Chemical Engineering major. Class construction discussions - we spent a lot of time talking about "checkers" but never actually finished with that project and we spent more time on it than was really necessary. RECURSION. Some of the special lectures seemed a bit pointless. Like the one when harddrives were handed out.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	recapchta
	The guest lecture about disk memory/ hard drives
	I liked the idea of guest lectures... but I feel like, with the exception of the professor who came to plug his DADA class, none of them were too relevant or useful to me. I am not a CS major, though, so mileage may vary (hopefully all the CS majors lapped them up) All of the actual class material I would consider indispensable.
	Recursion
	Recursion
	Recursion
	Recursion
	Recursion did not make enough sense, and classes were still very unclear and difficult.
	Dark arts, bubble/merge sort
	I feel like all of the topics that were covered in class will be very useful in the long run.
	File writing
	I found some of the guest lectures to be rather unhelpful.
	anything not directly related to coding
	The random lectures at the end of the year that had little to no basis in what we were trying to learn
	some guest lecture stuff
	I didn't really learn much from the guest lecturers.
	There were a couple of classes, such as the class we spent talking about the science behind Watson, that were interesting at the time, but didn't really seem to fit in with the course in the long run. Although "breaks" from the subject material are nice every once in a while, things like that eventually become a waste of class time.
	Some of the special lectures in the end were not so helpful.
	I did not like a lot of the planning devices we used for classes and programs such as the UML diagrams. This may just be because I went about planning classes and programs in different ways.
	The first guest lecture early in the year was absolutely useless. I don't remember what it was on, but I sat through it not learning anything and it wasn't interesting at all.
	drawing things with recursion. I would rather see number examples
	The fireworks homework seemed out of place with the rest of the courses' progression.
	Recursion. The lectures were too focused on theory and not on the syntax.
	Not sure.
	Despite how difficult I find it to appreciate CS, I have to begrudgingly accept that everything I learnt has an application
	I thought the guest lecturers toward the end of the year were kind of unnecessary. I would like to have really focused in on another aspect of CS and gotten to really be able to use another tool.
	Recursion is a rather confusing way of programming and is not particularly useful or necessary for future programming.
	none =]
	They all seemed pretty important.
	The chases.
	Basic GUIs.
	The lectures about hardware didn't tie in to what we were learning for the rest of the class
	Some lectures (often taught by guests) were not related to Java, but were important to other areas of computer science. However, since this is an introductory class, it is important to cover a lot of areas.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	nothing, only think about how system out println is only used really for a java editor such as eclipse, but I understand why for ease of use that we do not use Jpanel as is listed in our programming book.
	I cannot think of any.
	I can't really point down any lectures that didn't help, either. Recursion is a tough topic, but I can't say that it could have been taught better. Some of the abstractions about how computer science are still also a little unclear, but I think given the amount time that can be devoted to that material, it was well taught.
	GUI, didn't really get it.
	I can't think of any lectures that "did not work"
	HCI
	some of the extra topics not relating to programming at all, but rather the concepts of CS
	I don't think the topic of internet security will be useful to me in the long run.
	The fractals/recursion. Everyone is confused and it is very difficult to learn recursion by using a drawing application.
	Methods and recursion still confuse me.
	Some of the guest lecturers had interesting topics, but the presentation
	guest lectures
	Classes
	I found the topics about recursion to be the least useful.
	Advanced I/O
	I had a hard time concentrating on the guest lecturers because I didn't so much understand their relevance to the subject material that we needed to know for the tests and final exam.
	I don't really plan on using anything that I learned in this class again
	I'm still not sure in what situation recursion would work better than other methods.
	The lecture for me that did not work was recursion. I think it is an important concept but I never really grasped it from the lecture.
	More recursion. I still don't understand it. The slides are not very explanatory.
	A few of the guest lectures were a bit too technical to follow and seemed to have less value than the other lectures in regards to course material. They were, however, very interesting and useful for future classes.
	Guest speakers
	not sure
	I did not find the recursion lectures very useful to me in actually understanding how recursion works. It was funny for the people in the class to get up in front of everyone and move around but it didn't help me actually understand recursion at all.
	Recursion - It is extremely difficult to understand, and was not taught well at all, in my opinion.
	I think all of them will have some use to me in the future.
	some of the last lectures were a little bit dry.
	The lecture about the inner workings of a HD was a little boring, but I guess it's ok when you factor in that this class is aimed for those with little knowledge of computers.
	Some of the guest lectures seemed pointless (not related to the specific topics of this class)
	Recursion. I thought HW6 would not be applicable or helpful for an engineer.
	Drawing pictures.
	Methods.
	The topic about defense against the dark arts.
	switches

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	None of it really. Almost all I suppose the guest lectures/special topics towards the end of the course were maybe not quite as useful, but at least they were generally interesting. I did not enjoy drawing using recursion. I found every topic useful in this class. No complaints here. I understood the concept of recursion after the lecture, but was still fuzzy on its implementation Recursion, while discussed many times, still left me confused. I did not really appreciate the topic of recursion. I honestly don't understand the point/usefulness of it. Sure, we could draw pictures, but is that useful in the real world? Honestly, I also thought some parts of recursion weren't explained clearly. The material on Storage Technology, although interesting, was not useful for me, I think. Harddrive lecture None. None. None. recaptchas? i don't even know what that is and I don't know if i have it spelled right either I don't think there was any useless lecture. Everything we did, even if the product wasn't useful (like the fireworks) all the concepts taught within the assignment were useful. I felt that the assignment for the Flu was a bit hard to grasp even with a partner, but the subject matter of reading in a file and doing something with it was important. I didn't think storage technologies was as useful as other topics. I felt that some of the initial lessons on things like casting were not sufficient; espcially when they were taught by a TA and had a 1/4 of the first test on it The way recursion was first introduced. All. Learning about hacking. Hardware lecture I think all of the lectures had their purpose and were all useful. I think all the topics were useful in some way or another. The lectures about computer hard drives etc. went over my head. I do think that the lecture presented useful information to know but it was not made clear enough. A lot of the guest lecturers and other "fluff" lectures were not useful to me, but I was mostly interested in learning more programming as quickly as I could get it and those were probably more interesting for other students. hard drive technology Some of the guest lectures the guest lecture on hard drives Recaptchas seemed kind of random and unimportant. Writing classes methods we had a few at the end that seemed irrelevant none of them the guest lecture on hard drives and data centers, most people know all of that stuff anyway, and those who don't are not going to need to know it.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I never really found the guest lectures helpful because I never felt engaged by any of the guest lecturers. They were not as exciting as Professor Sherriff.
	no
	Bubble Sort
	Recursion. Iteration seems so much simpler.
	I thought that all of the topics in the class were useful in the long run.
	Not really anything I can think of.
	all the guest speakers we had and the GUI lecture
	Hard to say
	Recursion. The concept is very hard to understand. It could have to better taught, especially the part about drawing various shapes/ curves using Recursion. It does not come to as logical as other things. So it poses a huge problem when I tried to debug my program.
	recursion
	recursion
	recursion
	recursion
	recursion
	recursion
	recursion:(
	Whenever a guest lecturer came in. The hardware lecture was not that helpful.
	I think all of the topics can be useful in their own way.
	It all seemed relevant to me
	None
	None
	None
	None
	None
	A few of the guest lectures like the one about discs were a little too technical and didn't seem that useful.
	Guest lectures which were not motivated by prior classes (the memory lecture mostly)
	reading files
	cant think of any
	I didn't like the recursion examples. I felt that with the exception of fractals most of the recursion we did was "forced recursion" and could have been done better with loops.
	Idk.
	Defense against the dark arts
	The last couple of lectures.
	N/A
	N/A
	N/A
	N/A
	N/A

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Intro to classes
	The hard drive lecture. too technical for me.
	Saving files, we never used them after the lab.
	Opening csv files, I did not really understand the point of opening these kind of files to write programs
	Maybe one of the guest lectures at the end, but they were interesting at least. Recursion was also a little hard to grasp at first, maybe because of the nature of the concept, however maybe it could be done a little differently to be easier to get the message across? Otherwise once I understood it better I realized its usefulness.
	the search engine guest lecture was way over my head.
	Recursive.
	I do not think that learning about Google Data Centers was useful.
	Everything was useful.
	The introductory lectures, but only because I had already taken a similar cs class in high school
	Some of the lectures were interesting, but weren't used on the test/homework.
	The later ones, like Recaptchas.
	Recursion proved to be difficult for me
	lectures on recursion were confusing and I didn't understand them. i think u should reconsider the way recursion is taught.
	n/a
	n/a
	n/a
	GUIs
	GUIs
	data type
	None. Even if some lectures seemed tangential to what we were working on for homework, like the Jeopardy computer, they were a nice reprieve.
	I think they were all probably useful in some sense.
	Everything seemed to be somewhat useful.
	Some of the guest lectures were not very good.
	All the extra guest lectures that were just for fun and we were mot tested on.
	Recursion-it doesn't seem to be all that important to everyday problems that would need to be solved by coding.
	Almost all of them are good.
	Certainly every topic seemed useful for someone interested in programming, but it's not my thing, I'm not sure if I'll use this in the future
	UML diagrams
	UML diagrams
	all were helpful
	Chases were fun but kind of impractical.
	Many of the "special topics" at the end of the semester.
	The last few lectures seemed to be fairly unimportant in the long run. Most students didn't go, and the material seemed to be more for the fun of learning it than anything else.
	Recursion is fun but doesn't seem practical.
	Sorting

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Nothing
	Nothing
	Most of the guest lectures/chases
	arraylists....
	All
	Recursion was confusing but it might just be that I can't wrap my mind around it.
	I thought that some lectures, particularly on Fridays were not necessary to attend.
	I did not like drawing. It seemed a little pointless.
	All of them seem very useful.
	The first partner homework was nearly impossible for two partners who have never programmed before to do. The TAs were not necessarily helpful either, but rather seemed agitated that we didn't understand what we were supposed to do.
	I did not think the CHASE activities were useful.
	Unsure
	Reading csv files (homework 4) was monotonous and did not strike me as being particularly useful.
	The cryptology lecture, bit over the top.
	recursion- I still do not understand how it really works or why you would choose to write code this way instead of a more straightforward way.
	The chases weren't very necessary, fortunately they were also not required.
	some of the special topic lectures
	I was really not a fan of the class structure diagrams.
	Making classes was not useful for me as I probably won't pursue CS
	Recursion seemed very difficult but I see why it is useful so I cannot complain
	Recursion
	They were all useful.
	Recursion seemed to have a disproportional amount of time and work dedicated to it given its importance. It was frustrating to learn about and get the hang of.
	File reading and data mining unless I work in programming field
	The time spent on GUIs wasn't really beneficial at this point because we didn't really do anything with them outside of lecture. They'll be useful in the future, but they didn't work that well in the class.
	Captchas.
	Cryptology, the chases
	Streaming data from the internet
	Recursions. I thought they were too hard for an entry level corse
	Many of the special lectures like cryptology or the Dark Arts lecture would not be useful to me. But I understand that others may be inspired by them.
	The guest lecturers did not help us to understand the subject.
	stupid fireworks...
	I wouldn't say any topic "did not work" but the subject of computer science is a little more difficult to understand when taught in a lecture setting.
	The guest speakers at the end of the course
	They all pretty much applied to Computer science
	Most topics will be useful to some extent, since I will inevitably work with computers for my entire career.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Some of the guest lecturers were pointless. Some guest lectures were too complicated to be covered in one class (though they were interesting).

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
296	3.85	0.99	55 (18.58%)	62 (20.95%)	53 (17.91%)	7 (2.36%)	5 (1.69%)	114 (38.51%)

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)
441	3.96	0.94	97 (22.00%)	105 (23.81%)	73 (16.55%)	10 (2.27%)	5 (1.13%)	151 (34.24%)

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
296	3.75	0.92	40 (13.51%)	71 (23.99%)	62 (20.95%)	4 (1.35%)	5 (1.69%)	114 (38.51%)

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)
442	3.82	0.91	73 (16.52%)	117 (26.47%)	86 (19.46%)	12 (2.71%)	5 (1.13%)	149 (33.71%)

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

~

Question Type: Multiple Choice

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, 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)
298	3 (1.01%)	4 (1.34%)	61 (20.47%)	55 (18.46%)	44 (14.77%)	131 (43.96%)

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)
444	4 (0.90%)	10 (2.25%)	93 (20.95%)	106 (23.87%)	60 (13.51%)	171 (38.51%)

11. How would you rate the availability of TAs?

~

Question Type: Likert

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
295	2.94	0.83	75 (25.42%)	144 (48.81%)	62 (21.02%)	12 (4.07%)	2 (0.68%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
440	2.97	0.83	121 (27.50%)	208 (47.27%)	90 (20.45%)	19 (4.32%)	2 (0.45%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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

~

Question Type: Likert

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
298	2.98	0.77	74 (24.83%)	153 (51.34%)	62 (20.81%)	8 (2.68%)	1 (0.34%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
444	3.00	0.78	113 (25.45%)	236 (53.15%)	77 (17.34%)	16 (3.60%)	2 (0.45%)

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

~

Question Type: Multiple Choice

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
298	14 (4.70%)	39 (13.09%)	81 (27.18%)	85 (28.52%)	79 (26.51%)

Results for SEAS, 1000-level courses

Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
444	19 (4.28%)	62 (13.96%)	131 (29.50%)	125 (28.15%)	107 (24.10%)

14. Any specific comments about the TAs you would like to share?

~

Question Type: Short Answer

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-002, Sherriff, Mark

Total	Individual Answers
158	*See below for Individual Results*

seem to get frustrated very easily, always too many people at OH for one TA to cover.

no, they are helpful

not really.

They were nice and helpful, especially when addressing the entire lab with answers to common questions.

I noticed that if I had a problem with anything Sheriff and the staff would make almost "hostile" sounding comments, but my TA would get back to me and take care of my problem in roughly 20 minutes

Quite often I would show up to office hours and the TA was not there. TA's that did show up were very helpful though.

Some of them seemed a little condescending, and, while, admittedly, I tend to ask a lot of questions, I think they could have hid their frustration a little bit better.

The use of TA's in lab was very beneficial to learning the material for the course.

need more TAs

they were very nice in lab

Nope. Some of them could stand to have a better attitude (speaking from the lab's perspective).

Lesley was great!

The ones I interacted with were fine.

I didn't go to office hours more than once so I don't have much feedback.

Samee was the best and nicest and most helpful ever! My partner and I loved him and he was always really patient even though we were slower to catch on than everyone else in section.

Some where very helpful, others - although I don't know his name - were rude and discouraging.

In lab the TAs were extremely helpful. However sometimes there wouldn't be enough of them.

It would be more helpful if the TAs looked at the assignments prior to coming to office hours.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Sometimes a TA will just tell you what to do and not explain why.
	Some TAs are good but some are not. There is one that doesn't tell me anything. He keeps saying that you have to figure that out. Also, when I go to his office hour to ask question about homework, he refused to tell me my mistake and said you have to figure that out. that's not good.
	it was hard to receive help during office hours when only one TA was present and there was a long list of students needing help.
	no
	no
	no
	no
	no
	no
	Some were more helpful than others, and some knew how to explain the concepts better than others
	They are very helpful
	none
	none
	none
	none
	none
	Some of them were not familiar with the assignment when I went, but most were very helpful.
	Move too fast. Some get frustrated if they can't figure something out or can't get their point across. At times, they are arrogant.
	This one dude, not sure of his name.
	Nope. I was very satisfied with my TAs.
	They need to remember that we aren't as smart as them at programming, often times they assumed I knew more than I actually did.
	Need more of them at one time during office hours around the time a hw is due
	As I mentioned in the other evaluation for the lab Jonathan Dorn was particularly helpful. He used the socratic method, was clear, knowledgeable, patient and really worked on having his student understand the material.
	They are available a lot to help us, I'm very appreciative that almost every time I go to the stacks, there is a CS 111X TA there.
	I found the TA's to be helpful during lab at explaining basic concepts and helping us get to the right algorithm with our code, but office hours were a nightmare. There would be one TA to 50+ students who all needed some sort of help. On several occasions, my partner and I sat in office hours for 2 or more hours without any TA coming to help us. When we were finally able to get the help of a TA, they basically would write our code for us, without explaining what they actually did. I think the TAs were just overwhelmed during office hours. They were much better in a smaller setting such as lab.
	Lesley is the best TA I've interacted. Very helpful and good at explaining things.
	they were very helpful in lab.
	It's pronounced METHOD, not METHORRRR. GOD.
	I went to the TA office hours for the fifth homework assignment, and it wasn't helpful. My question was on how to pass my arraylist from one class to another, and the TA essentially restated my question to me without actually helping. However, the TAs I had during lab were helpful in answering questions, so some TAs were definitely better than others.
	Panayiotis was one of my TAs for lab and I found him extremely helpful whenever I asked him anything. He was always very good at using real life situations or other analogies to teach the material in a different way to help me understand it.
	More TA's present in one session? Frequently waited 30+ minutes for help.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	They provided just enough help that they didn't do the assignments for us but would point us in the right direction.
	None
	None
	None
	I've been to TA office hours twice. The first time I didn't stay long because I just wanted to confirm something, but the second time the TA was very helpful with our HW5 assignment. The TAs during my lab were also very helpful.
	Very helpful.
	Very helpful.
	They would unevenly distribute their time during office hours. Instead of helping a group for a small amount, then moving on and coming back if a group needed more help, they would spend 20-30 minutes with one particularly person.
	Helpful. They have a difficult job of trying to teach concepts to many students quickly without giving away the information.
	No
	No
	No
	No
	Sometimes it was difficult to get ahold of a TA in stacks, but that was more a result of the sheer number of people vying for their attention, and not the fault of the TAs themselves.
	they are all very skilled/intelligent/helpful but its hard to get them - office hours are very busy!
	Helpful for lab, learned a lot from them. Not necessary for homeworks.
	always willing to help in lab and showed us what we were doing wrong rather than just telling us how to fix it. very helpful in understanding mistakes and how to fix problems
	N/A
	N/A
	N/A
	N/A
	N/A
	N/A
	N/A
	The TAs were generally very helpful, however, for the last assignments especially I would often spend 1-3hrs at office hours and only be able to speak with the TA once or twice because they were so bust.
	Some TAs try to make the students think too much and make them more frustrated because students still have no idea and TAs are not willing to give the solution.
	TAs for lab section 103 were great!
	Ryan was an excellent TA and should certainly go into the profession of teaching.
	Avinash - very good
	They did a good job.
	great!
	ryan is so helpful!!!!!!!!!!!!! give him a gold star!
	I really appreciated that some TAs actually cared about us learning and one step further to explain why we were using this method or that.
	nahh

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Very helpful
	thursday 12:30 labs TA's are very energetic and willing to explain
	There were often long waiting lists at office hours
	Some were quite nice and helpful, while other were easily aggravated when I failed to grasp a concept.
	They were very helpful and responded to email questions very quickly
	not enough of them
	most of them were pretty helpful
	Avinash was great!
	best TAs ever! so kind and knowledgeable, always worth talking to
	sometimes when i go to the stacks it is really crowded and i cannot tell which people are the TAs and it gets really frustrating.
	TA's were very helpful.
	Some of the TAs were extremely helpful and kind to guiding me to figuring out the solution to the code. However, some were unclear and not as approachable.
	The TA's in my section would answer only one quick question about a problem but would not take the time to fully explain, and would move on to another lab group before we understood.
	It took a very long time to see a TA when I visited office hours. I would spend hours in Thorton to only talk to one TA for a few min.
	There is nothing wrong with the TA's themselves, but there just seems to be way too many students for the number of TA's available. Going to office hours is an odyssey, there are so many students there that if you get to talk to a TA in a timely fashion, its a miracle.
	They were all very good, though once we didn't have our usual TAs. One who came over to help us talked in high-level dialogue and expected us to understand what he meant. He really just made us more confused, but we were hesitant to ask again.
	They seemed arrogant and often scoffed at your questions as if they could not believe that anyone did not understand CS.
	Kristi was extremely helpful on the particle project and I really appreciated that.
	n/a
	a lot of them were very helpful
	I felt that some of them had a hard time making it applicable to those who knew very little. They were almost too smart if that makes sense.
	nope.
	In every instance but one, the TAs were able to fully answer and clarify any questions and problems i faced within the lab.
	None besides they were helpful in lab.
	I only used the TAs for the final two assignments, but they were usually very helpful. The main problem I encountered with TAs was not really more a structural problem than a TA problem. When I went, and I didn't even often go at peak hours (such as the day before a homework assignment is due), the TAs would be flooded with students, and would have to wait in excess of 30 minutes to meet with a TA. Once the TA didn't even have a chance to meet with me, and I waited for over an hour.
	Ryan and Kristi overall were good TAs, but I didn't always feel comfortable asking for their assistance. They belittled someone that had asked a valid question about a homework grade, and that put me off from asking them for help.
	Very knowledgeable. The man of Steel was the best
	One of the TA will sit around with ONE student for hours when there are 20-30 students waiting in line. The others were great.
	Put in extra time after lab was over to make sure understood.
	Lots of different office hours but would often spend the whole hour working with one person... never made rounds to other people, not very helpful most of the time. Exception is in lab, TA's in lab were very available/helpful

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	It was sometimes hard to get help at office hours because the TAs would help some students more than others.
	Nope.
	Nope.
	Lesley is the best!
	Super helpful, especially when I had stupid questions to ask, they were very responsive, and seemed available for anyone who needed them, I didn't need the office hours for the material, but I felt as if I needed to use the office hours, I could easily take advantage of them.
	They were okay
	In lab, the TA's were always helpful.
	No.
	The only reason I rarely used the TAs is because they never helped me. They always told me what to do (which I already knew) I just need like a line of code to point me in the right direction when I got stuck, not a procedural check.
	When going to see them, most of the time we had to wait for too long.
	They seemed apathetic about certain issues with my programs, I wanted to know how write the method for the dragon fractal but when I tried I got the c fractal. When I asked for help, they told me that they would accept the c fractal and I shouldn't worry about it.
	Nope
	Nope
	Nope
	Vary in quality/helpfulness a lot.
	Ryan was my TA for lab and was very knowledgeable and helpful.
	I was in the Lab section 104 - Colin was great and very helpful..Jonathon not so much. He seemed to always have to redirect the question to Colin.
	The TAs I worked with were helpful for the most part.
	Sometimes the TAs dont realize how confusing the material is for newbies.
	It was often hard to get time with them because there were so many people at office hours and so few TAs, but when they got to you, they were very helpful.
	Usually very helpful, and it was nice that there were so many office hours and opportunities to get help.
	The TAs were quite helpful on the last two homework assignments.
	My lab TAs were great!!
	The TAs were overall helpful and gave up a lot of time to help us.
	Some of the TAs were extremely helpful. However, sometimes when I would ask a question to a TA for elaboration on the instructions or a question on the code they would assume that I was expecting them to write my code for me when this was definitely not the case. This was my only concern. I also felt like sometimes going to TA office hours was such a wild card because I never knew if I was actually going to get help or not.
	Some seem like they do not want to be there. And they usually give very blunt responses.
	Some TAs should be more enthusiastic and nice.
	Their level of helpfulness varied greatly. Some would speak in metaphors, some would sort-of guide you along, and others would just take over your keyboard. Overall, though, I thought the TA's were very helpful.
	They were great!
	They were great!
	The TAs were available in a large quantity, but at times failed to give thorough explanations of problems due to the busy nature of their job. I blame the vast number of people seeking help more than I blame the TAs however.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

Lesly's great! the rest are either not approachable because they have too many students or they just can't help you grasp the concept well enough. Dan/Johnathan are average. Some don't even show up on time or don't show up at all. Perhaps the most frustrating part of the course.

Need more in LAB

You mentioned that Ryan wanted to become a teacher. He was a good guy, really patient, but sometimes I felt he wouldn't explain the concepts as well as he could. He would focus on teaching it one way and not change his style if it didn't work for the learner. Just a suggestion for the future, overall he was a good TA.

Most were very helpful but there was at least one instance where the TA didn't know how to help on the homework after I planned my day around those hours to get help.

Some of them need to learn the difference between "helping understand" and "telling the answer," the latter of which actually hurts the learning process by giving a false sense of understanding of the material.

Matt Russell was a very helpful and friendly TA

great staff, really poor attention at OH

LESLIE WAS THE BEST TA. She was very helpful and friendly.

Out of the 4 times I went to the Thornton stacks, only once was there a sign up so I could identify who the TA was.

Lesly was amazingly helpful during office hours on sundays.

The TAs were always really helpful in lab but during office hours they weren't as helpful. That was probably because they had way too many students to help and could only spend so much time with each student. Therefore, you should consider getting more TAs in the future because there are just not enough TAs for the amount of students in the class.

Some of the TA's assumed we knew certain parts of the material when asked for help.

Steele was a great help in lab.

Some TAs were extremely helpful, while others did not help at all and sometimes made the problem worse.

15. The subject matter was challenging.

~

Question Type: Likert

~

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
298	3.94	0.80	67 (22.48%)	165 (55.37%)	50 (16.78%)	14 (4.70%)	2 (0.67%)	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)
1351	3.97	0.84	336 (24.87%)	735 (54.40%)	190 (14.06%)	69 (5.11%)	17 (1.26%)	4 (0.30%)

16. The objectives of the course were clearly stated and accomplished.

~

Question Type: Likert

~

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
296	4.23	0.66	101 (34.12%)	167 (56.42%)	24 (8.11%)	3 (1.01%)	1 (0.34%)	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)
1345	4.16	0.76	441 (32.79%)	732 (54.42%)	122 (9.07%)	38 (2.83%)	11 (0.82%)	1 (0.07%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
296	4.24	0.70	102 (34.46%)	173 (58.45%)	13 (4.39%)	5 (1.69%)	3 (1.01%)	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)
1345	4.18	0.76	454 (33.75%)	748 (55.61%)	85 (6.32%)	40 (2.97%)	14 (1.04%)	4 (0.30%)

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-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
295	4.38	0.77	151 (51.19%)	115 (38.98%)	22 (7.46%)	4 (1.36%)	3 (1.02%)	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)
1344	4.19	0.90	552 (41.07%)	564 (41.96%)	118 (8.78%)	56 (4.17%)	25 (1.86%)	29 (2.16%)

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-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
297	3.68	1.05	65 (21.89%)	116 (39.06%)	60 (20.20%)	36 (12.12%)	8 (2.69%)	12 (4.04%)

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)
1347	3.60	1.12	287 (21.31%)	502 (37.27%)	276 (20.49%)	151 (11.21%)	74 (5.49%)	57 (4.23%)

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
296	4.35	0.76	138 (46.62%)	137 (46.28%)	10 (3.38%)	8 (2.70%)	3 (1.01%)	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)
1344	4.19	0.84	524 (38.99%)	638 (47.47%)	116 (8.63%)	45 (3.35%)	19 (1.41%)	2 (0.15%)

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
298	4.71	0.49	219 (73.49%)	73 (24.50%)	6 (2.01%)	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)
1344	4.59	0.61	864 (64.29%)	424 (31.55%)	37 (2.75%)	10 (0.74%)	4 (0.30%)	5 (0.37%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
297	4.61	0.63	198 (66.67%)	88 (29.63%)	5 (1.68%)	6 (2.02%)	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)
1347	4.50	0.67	768 (57.02%)	498 (36.97%)	56 (4.16%)	13 (0.97%)	6 (0.45%)	6 (0.45%)

23. The instructor (not Teaching Assistants) was accessible for individual assistance.

~

Question Type: Likert

~

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
296	4.11	0.84	96 (32.43%)	113 (38.18%)	48 (16.22%)	5 (1.69%)	3 (1.01%)	31 (10.47%)

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)
1348	4.13	0.84	459 (34.05%)	544 (40.36%)	204 (15.13%)	29 (2.15%)	13 (0.96%)	99 (7.34%)

24. The grading policy was fair.

~

Question Type: Likert

~

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
298	4.28	0.78	131 (43.96%)	131 (43.96%)	27 (9.06%)	7 (2.35%)	2 (0.67%)	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)
1344	4.14	0.89	523 (38.91%)	585 (43.53%)	160 (11.90%)	53 (3.94%)	21 (1.56%)	2 (0.15%)

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
296	4.62	0.55	191 (64.53%)	96 (32.43%)	7 (2.36%)	1 (0.34%)	0 (0.00%)	1 (0.34%)

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)
1345	4.48	0.70	759 (56.43%)	487 (36.21%)	69 (5.13%)	12 (0.89%)	9 (0.67%)	9 (0.67%)

26. As a teacher, this instructor was better than most others in this School.

~

Question Type: Likert

~

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
298	4.27	0.82	133 (44.63%)	110 (36.91%)	37 (12.42%)	6 (2.01%)	2 (0.67%)	10 (3.36%)

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)
1347	4.03	0.98	499 (37.05%)	454 (33.70%)	255 (18.93%)	63 (4.68%)	28 (2.08%)	48 (3.56%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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-1110-002

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
298	13 (4.36%)	146 (48.99%)	114 (38.26%)	21 (7.05%)	4 (1.34%)

Results for SEAS, 1000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1348	73 (5.42%)	656 (48.66%)	492 (36.50%)	101 (7.49%)	26 (1.93%)

28. I learned a great deal in this course.

~

Question Type: Likert

~

contributed by Office of the Provost

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
296	4.30	0.71	125 (42.23%)	140 (47.30%)	26 (8.78%)	4 (1.35%)	1 (0.34%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1343	4.09	0.93	495 (36.86%)	601 (44.75%)	161 (11.99%)	51 (3.80%)	35 (2.61%)

29. Overall, this was a worthwhile course.

~

Question Type: Likert

~

contributed by Office of the Provost

Results for CS-1110-002

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
295	4.28	0.82	136 (46.10%)	119 (40.34%)	30 (10.17%)	7 (2.37%)	3 (1.02%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1342	4.05	1.04	534 (39.79%)	515 (38.38%)	165 (12.30%)	80 (5.96%)	48 (3.58%)

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
296	4.40	0.63	138 (46.62%)	143 (48.31%)	11 (3.72%)	4 (1.35%)	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)
1333	4.31	0.69	551 (41.34%)	667 (50.04%)	93 (6.98%)	16 (1.20%)	6 (0.45%)

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-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
297	4.28	0.75	121 (40.74%)	148 (49.83%)	20 (6.73%)	5 (1.68%)	3 (1.01%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1347	4.25	0.76	545 (40.46%)	629 (46.70%)	142 (10.54%)	21 (1.56%)	10 (0.74%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

32. Overall, the instructor was an effective teacher.

~

Question Type: Likert

~

contributed by Office of the Provost

Results for CS-1110-002, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
297	4.48	0.67	167 (56.23%)	110 (37.04%)	17 (5.72%)	2 (0.67%)	1 (0.34%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1348	4.28	0.83	617 (45.77%)	562 (41.69%)	115 (8.53%)	36 (2.67%)	18 (1.34%)

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

~

Question Type: Short Answer

~

contributed by Office of the Provost

Results for CS-1110-002

Total	Individual Answers
149	*See below for Individual Results*

good course, great teacher, looking forward to 2110

Professor Sherriff is the best professor I've had at UVA so far.

I thought Sherriff was a phenomenal teacher. He always had interesting examples for in class lectures, props, and is really funny. This may seem trivial but it made me enjoy coming to class so it was very important to me. He did a wonderful job.

He is an awesome teacher!

CS was one of the courses that made me nervous before the tests. I studied a lot for CS before each test. The amount of memorization we had to do was a little too much.

Even though I do not have any particular interest in computer science, I actually enjoyed this class because Mr. Sherriff made it interesting and taught things creatively and in a hands-on manner.

good, interesting course.

I really enjoyed it. I am taking CS 2110 next semester just for fun.

The class was a lot of fun but at some points I felt that the material was over my head. Coming from no computer science background, I sometimes did not understand some of the terminology used to explain the material.

Professor Sherriff was a very entertaining teacher. I think the course material and expectations were very reasonable for a college course. This was one of my most enjoyable classes

Professor Sherriff is a FANTASTIC teacher, who incorporated lots of real world examples in order to make learning programming relatively easy and fun! Professor Sherriff is so entertaining that my friend that had to drop the class for other reasons kept coming to lectures!

This course was good overall, but I probably would have gotten more out of it if it were a smaller class.

More real life applications and useful subjects rather than theoretical.

No further comments your Honor.

Great course.

sherriff shows a passion for the course in lecture, but often blows over minor details which trip up students until he realizes the mistakes

He was da bomb

Mark Sherriff was a great professor.

This class was great. Did not feel too frustratingly difficult (I guess appropriate for a first-year class) and was exceedingly helpful. Dr. Sherriff is so charismatic -- I never found myself wanting to skip this class. My only complaint is that I strongly resented having to work with a partner. I am not a first year, not a CS major, taking an overload of credits, and also was the president of an organization this year. So, my schedule was insane, and having to work with partners and make time for them made the semester much harder for me, especially considering I did the bulk of the work on each assignment anyway... Anyway, take those sentiments with many grains of salt but that's how I felt. Otherwise I feel like this was probably one of my favorite classes this semester.

none

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	There should be less (or maybe not any) guest lectures. Sherriff is a good lecturer and the guest lecturers were never as good as he is.
	I learned a lot in this course and Sherriff did his best to make each class fun. I learned more by doing the homework and reading the textbook and I feel that by doing the homework individually rather than in pairs was more effective in learning the material.
	Sherriff was an entertaining and knowledgeable teacher that helped me learn while having fun. Maybe try less evaluation questions next year though.
	Mr. Sherriff has been over this semester one of my favorite teachers/professors. He always came to class ready to teach and enthusiastic about the topic. His jokes are corny, but funny and topic related. CS 1110 has been one of my favorite classes taken so far and definitely influenced me in declaring my major in Computer Engineering with a good possibility of switching to Computer Science. I think that he attracts students to the field of Computer Science and makes a topic that could be very intimidating to people that have no experience in the field much more doable and fun. Professor Sherriff did a great job in my opinion.
	I took a CS course in high school and hated it; I was initially dreading this class. Thank you for making the material so interesting and engaging :)
	Don't assume everyone has programmed before. Not many highschools offer computer science. For many people this is their first time seeing anything like this, so patience from TAs would be appreciated.
	Very good teacher. He was always prepared and approachable and his attitude really sets him apart from any other teacher I have had thus far.
	I loved Sherriff's style of teaching. He is the first professor I've had that will walk up and down the stairs in the lecture hall, to get closer to his students. There wasn't a barrier with him, and I loved the way he taught. He stuck to the lecture slides well enough, but ultimately knew the material so well that his lectures normally flowed off of the slides and to whatever he wanted to talk about. Great class, great teacher, and I find computer science very interesting! Human interface interaction intrigues me as much as it intrigues Sherriff, I think. :)
	Computer science is simply something I don't like so my evaluation will reflect that. The teaching was excellent in that it kept most of the subject matter from becoming boring.
	Maybe add some little assignments to make sure people don't get behind on the reading.
	Prof Sherriff presents a great deal of complicated (to brand new programmers) but fundamentally necessary concepts for computer science in an approachable, enjoyable and relaxed way. I think this was an awesome intro class.
	Professor Sherriff is an effective instructor. He tries his best to get his students to understand the material to the best of his ability. One thing I did not like about this course was that the homework assignments were pledged. I understand that every instructor is worried about students cheating, and granted a lot of students do and go uncaught. I feel I would have taken a better understanding from the material if I had gotten the chance to work with someone else for all the homework assignments not just a few here and there. I believe many students would benefit from this. Another issue I had with this course is that in the syllabus it says this course is fine for people with no programming experience, but after going through the course I think the contrary. The majority of students in 1110 have already had programming experience. I often found myself struggling. I was told that 1112 only had a select few seats and were for people with absolutely no programming experience. I feel I should have been in that class. 1110 should be geared more toward people with no experience, and let the experienced programmers take the 1111 course.
	It was a fun class that I would recommend to other people.
	Sherriff was a great lecturer. Seemed a little irritable though when I talked to him in person. I preferred the TAs help when possible.
	Overall, it was my favorite class this year.
	Sometimes I felt inadequately prepared for the homeworks or the lab.
	I'm glad that its the end, and hopefully I won't have to do this ever again. ITs just not my cup of chai :(
	Mark Sherriff's class was the only class I came to optionally. He was entertaining, and didn't attempt to enforce attendance.
	Sheriff seemed to not care about my questions and reluctant to help.
	Great class, loved Sherriff. HIlarious yet educational at the same time. Loved class, homework was interesting.
	Sherriff is awesome. I want to be friends with him.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I really enjoyed the first half of this course. I felt like a learned a lot when we covered the basics pretty much right up until the second midterm. After that, however, it seemed almost like the professor got sick of teaching the class and every class started to feel like a waste of time. We would either do some pointless activity only moderately related to the subject (e.g. throwing a big ball around) or we would have a guest lecturer or do a chase. These things would have been fine once in a while but it really felt like we just stopped learning anything in lecture. As a result, I was completely lost in lab and somewhat on the last 2 homework assignments. I could feel my T.A.'s frustration during lab when they had to run around to every person and pretty much tell them how to do everything because no one had any idea what to do. I wish the class had continued to be as good as it was in the beginning, because I feel I could have learned a lot more.
	Homeworks were generally much more difficult and involved than the labs. I think more labtype homeworks intended to take an hour with more TA help to do them would be beneficial. The longer more difficult homeworks might be better addressed as a class stepping through them in order to understand them. The classes towards the end of the year where another lecturer came in to discuss a specific topic were sometimes too broad in scope and I would have preferred some actual coding examples in those areas. Overall, I think the course is interesting, difficult and awesome and Professor Sherriff did a wonderful job. I also would like to mention that Jonathan Dorn was an excellent TA who used socratic methods and was patient and helpful.
	Mark Sherriff was a great, engaging lecturer. Any issues I have with the class have to do with the subject material, not his teaching.
	This was my favorite course I took this year, and Mark Sheriff is one of the best, if not THE best, teacher I've ever had. Give him a raise, and tell him to keep being awesome.
	Very useful and well taught course.
	I found this to be an excellent course. I didn't really have a reason for taking it as I'm in the college, but because of this course, I'm now considering a BA in Computer Science and am taking more CS courses next semester.
	Sherriff is the best!
	Sherriff was a great entry level professor because he gave us reasons for why computer science is important. and he also made the material interestintg
	This class is very helpful and provide me with programming knowledge in adequate breadth and depth. It is certainly helpful for my career. Professor Sherriff is knowledgeable and interesting.
	A very useful course. Although many hours were needed to put into completing the homeworks, I really felt I learnt a lot. Java programming is just something new to me, so it was definitely a course that I would recommend to others.
	Great response time to emails! I liked that Prof Sherriff responded personally and helpfully and didn't just always refer us to TA's. TA's were also very helpful and available. Very well-run class
	I really enjoyed this class. Sherriff was a good lecturer and made the material easy to understand.
	GREAT teacher!!! Sheriff always knew how to make topics interesting and applicable and he definitely convinced people to pursue computer science as a major. A++++++++++ one of the best teachers and fairest courses I have taken
	This class is not for me.
	Prof. Sheriff is awesome.
	It was a great learning experience. Mark Sherriff= awesome! TAs were just frustrating at times. I would suggest this class to anyone.
	Mark Sherriff was a good teacher who made it very obvious what was expected and there was no confusion ever. Top notch.
	There was a big difference in the level of difficulty between homework 3 and homework 4. Homework 3 was pretty much basic coding but homework 4 was incredibly difficult and had way more coding. I think in the future you should assign a homework that is a mixture of homework 3 and homework 4 before assigning what was homework 4 this past semester. Homework 4 was a big surprise and a shock to me because it required so much more work than homework 3. If there's no time to assign another homework between homework 3 and 4 then you should make homework 3 more challenging so homework 4 isn't such a shock to the system.
	I really liked this class. Although it was not challenging for me personally, it did not need to be for me to learn the information
	Its a fun class and Mark is a great guy, but the class can be very hard to grasp and the idea that such a major part of the grade is on tests that are hand written code is unsettling. Why not test our ability to actually use java? When handwriting code it is far to easy to make mistakes that you would not make if doing them at the computer. Just a rather confusing concept to test knowledge the one way we did not learn to do it.
	This class is not so bad, but the instructor's lecture is sometimes hard to understand

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Overall, good course. However, I was dismayed by the scrutiny of the grading. Misnaming the homework assignment is - in my opinion - hardly the grounds for a 2-point deduction, neither is commenting out the code grounds for a 4-point deduction.
	I didn't think i would understand CS after the first couple homeworks. then it clicked and I feel Sherriff did an awesome job of clearing everything up. podcasts were huge AWESOME IDEA. this should be done by more professors. GREAT course, and will most likely help me in any major i decide to move into
	difficult material but the teaching/TAs were excellent
	It would have been nice for CodingBat to have solutions to the questions it asked - that way we would better know what to do in the future.
	This teacher is effective, funny, and he seems to be a great roll model. Programing is great for those who like to express their creativity and are tecnically inclined.
	Organized the way an intro class should be. Not hard to do well, material is relatively straight forward, help available for every step of the way and useful for a bunch of different fields.
	Very fun. But sometimes its hard to use what is thought in class for the homework because what is thought in class is more the idea behind something instead of how it is effectively used.
	the course was fun, but I do not think it should be a requirement in SEAS. it is more for people who actually want to do some sort of computer or systems engineering.
	great job! will highly recommend
	I thought the class was very informative and interesting. However, sometimes I was frustrated by the assumption that most everyone in the class knew at least something already about programming. As an intro class, I thought it would be more basic, instead I had to learn all the basic stuff on my own from the textbook and then use the lectures to just elaborate on that. I would not have understood what was going on if I only went to class and didn't read the book. But once I figured out how to effectively learn the material through the book and the lectures it was very good for building my knowledge of programming with java.
	great class
	nothing
	Best teacher yet at UVA, very interesting and enjoyable class, turned something that could possibly be dry at times into something that I actively wanted to learn and improve at. Great class.
	Although, the instructor had a sense of humor in class, out of class his sense of humor vanished and he was unapproachable. The labs were sometimes unrelated to the class material. All the extra guest lecturers were pointless and just confused me on what to study.
	Sherriff didn't always seem prepared for lectures,I got the feeling sometimes he was winging because he knew the subject so well. I liked it, it was the first course I've taken so far that the professor was able to teach a fair amount of material while still making it interesting.
	Professor Sherriff is great in class but not as personable when approached after class or during office hours.
	I was supposed to be in 1112 and it was full so I couldn't get in which made 1110 very difficult for considering I have no prior programming material. This made the class very hard for me. Other than that I though the class was very fun and useful.
	It was good.
	I had taken CS before, but this class help me understand the concepts of JAVA and CS much more clearly.
	Sherriff was an incredible teacher in my opinion. He was very organized and has a great personality that had me legitimately excited to go to lectures about a class that scared the daylights out of me early on in the semester. The grading policy is very fair, and Sherriff even provides us with a program to calculate our final grade, a tool I appreciate very much. His podcasts are very helpful and he even holds a review for every test. He really goes above and beyond to help his students and I really appreciate that. My only suggestion for him would be to teach a smaller class, where his incredible personality would be allowed to shine even more.
	It was a well thought out and organized course. The instructor was knowledgeable and extremely helpful, I do not agree with the homework grade being as high as it was though, I do recognize the importance of it though. Because of this class I decided to major in CS
	Great class with a great professor. A very worthwhile and interesting course overall.
	This is a class where the subject matter could easily be droning and repetitive, but the professor managed to keep lectures interesting.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Mark Sherriff made the class enjoyable to go to. His teaching style was not at all boring. He was very approachable and made it easy to ask questions during class. The tests were all very representative of the material covered in class. I am happy that I got to take this class with him and I learned a lot from it. The only complaint I have is that for the partner homeworks I always felt like they were one part too long. I always ended up spending hours trying to work them out, especially on HW4.
	System.out.println("Sherriff is the best!!!");
	He was a great, fun and entertaining teacher!
	The thinking process taught in this course definitely applies to a multitude of other fields and is useful to students, regardless of whether the major/minor in computer science or not.
	Great Class!!
	the homework assignments jumped a lot in difficulty i thought and it would be nice for the difficulty to rise more gradually for those of us with no CS experience.
	I really enjoyed this class. I wish i had extra time in my course schedule throughout my four years to take another class with Sherriff. He IS THE MAN. Super helpful, super guy, it's no wonder why he received SEAS teacher of the year last year. Great, great, great professor
	cool
	Mark Sherriff's lecture was one I definitely enjoyed attending! He's very interesting and makes the subject fun to learn!
	A great lecturer. Really enjoyed his lectures. Fun and great guy and makes the topics interesting to learn about.
	It was fun
	good class, i enjoyed it very much
	Sherriff is great at keeping things interesting and engaging.
	This course for me is quite challenging so I need to go to TAs' office hour for help. I think more TAs at the same time is necessary because everytime I need to wait for an hour to ask a sigle question.
	I thought there was good potential to work with partners for homework assignments but sometimes I was in the predicament of where my partner would finish the code before I even got a chance to try it out. In those cases I was just able to look over it and try to figure it out for myself, but it's not the same as actually writing it and working with someone else. I was not the only one in this position, I know a couple of my friends expressed their concerns on this matter as well.
	i love this course.
	Good class. I liked it.
	Great class. Really helped me choose my major.
	Too much of this course focuses on the theory of the different sections we went over, but it would be more helpful to talk about the actual coding.
	This was a really challenging course, but I just didn't like the partner homework assignments because I feel I didn't learn as much from them, and sometimes the partners could be difficult to work with or meet up with.
	Great job!
	I think this course provides a good introduction to CS, speaking as someone with absolutely no prior computing experience.
	Sherriff expected us to walk into each assignment knowing a lot more code than we realistically did. Some assignments were literally impossible without TA's to tell us specific bits of code to get us going.
	I would recommend restructuring the lab section of the class. Sometimes we would get stuck in lab and not be able to move forward because we didn't know what to do. Maybe after 30 or 40 minutes release a lit bit of code, or code "hints" if you are still stuck because sometimes the TAs don't have time to come help you. I would also like to learn more. After the 2nd test it seems like all we did were classes and recursion. Although that is a lot, I feel like I would have rather learned more programming then some of the special guest lectures.
	It was a very fun, challenging, and useful course. The professor was one of the best I've had so far. I would definitely recommend it to others.
	I took AP Computer Science during my senior year of high school and was turned off towards the subject matter upon completing the course. However, Professor Sherriff was a very effective instructor and helped to re-new my interest in the subject matter using helpful and entertaining methods for delivering course material.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	It was very helpful introduction to computer science. Though I do not plan on pursuing a degree in computer science, I hope to take more courses in the future to further help my understanding of the subject.
	Sherriff was a good teacher. Unfortunately the large class size made it difficult to engage with him as much as I'd hoped.
	Laptops are a distraction in class. I feel it's harder to understand the material in big lecture classes. If the classes were smaller, it would be more effective and more people would pay attention.
	Not a bad course...
	If you're having code problems I feel bad for you son, I've got 99 problems but a glitch aint one.
	It would be cool if the podcasts could have video
	For a required course by the Eschool i liked this class very much
	It was a great Intro course to help understand the basics of computer science.
	In class sometimes Prof Sherriff would make the assignments seem easy, but they were not. They are very unintuitive to those who have not been in programming and I don't think that was always taken into consideration.
	This was a good course.
	Z al gud
	No more comment.
	One of the biggest issues I had with the course was the language used (as stated above). It easily could have been the fact that I didn't take enough time to learn it, but at some points I was completely lost on the meaning of certain sentences said by Professor Sherriff. Using more "English" would have been helpful.
	Grading on the homeworks was somewhat unfair If i named my homework HW,java instead of HW4.java i got 20% off, i just think that's a little excessive
	This course started off at a great pace, but moved incredibly too fast immediately after the first couple of lectures. I got so lost back then that I have never been able to catch up to everyone else in the class, most of whom have already taken a programming course before, whereas I haven't.
	I thought this course was very challenging, but defiinitely beneficial. Professor Sherriff was a pleasure to have be my professor, and he always made the lecture as a comfortable and joke laiden as possible.
	Very good teacher, hard course concepts.
	Great course, especially for people who want to start from scratch in programming and come out very solid in the subject. Mark Sherriff was by far the best professor I have had so far.
	Sherriff is a great professor. Probably the best in his department.
	The class was great, it increased my knowledge of CS and it changed my mind from MEC to pursue a CS major. I wish I was able to go to office hours, but due to football schedule i could not.
	Some of the lectures that were on topics outside of the immediate class material, were very interesting, but the class time could have been used to go over some more examples to help students better understand the material. Maybe these "outside" topics could have been discussed for like the first 10 minutes of class or something. Also, some of the grading rubrics were too structured. Overall, challenging course and it really made me think differently, coming from the CLAS.
	I would have appreciated learning more about being efficient when programing. Even though there are many different ways to accomplish certain tasks and every programer has their own style, it still would have been nice to go into more detail about how some ways are better than others. I often felt that although my programs were correct they could be improved. Engineers especially should be concerned with this, so discussing features of strong versus weak programming may be beneficial.
	good class, the partner homework caught me a little off guard but if you just stay patient then you can complete it.
	Prof Sherriff is a good lecturer and for the most part enjoyed the class.
	This was a great class. I learned computer science can be interesting and useful. Professor Sherriff made it pretty easy to learn the material and do well in the class.
	I like this course even though I took it for my major requirement
	I have to say that Sherriff is one of the best professors at UVA!!! However the only thing I do not like about this class is the Pair Programming for the HW. My partner did not do anything and I had to explain the entire program to him. Plz let the students choose their own partners. As far as I know, people are being nice and did not give a too negative evaluation for those freeriders.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	This course doesn't give an equal opportunity to all students. For students who have had no CS experience, they had to work much harder, and generally had lower grades. CS 1112 should be open to more students. It was a good course. The chase was cool the first time, but felt ridiculous afterwards Thanks! it was a great class. For recursion, I think it might be good to explain it in more or multiple ways since I found myself misunderstanding the explanation for the recursion assignment as something else. Professor Mark Sherriff is the man! Too bad he won't be teaching any upper level CS course for a while because if he did I would HAVE to take them. The man is awesome! His TAs just needed to help people a bit more efficiently but other than that it was a very worth while course. Good intro course it was a very interesting class This was an incredibly fun and interesting course almost entirely due to Professor Sherriff Professor Sherriff would do better in a smaller lecture since he likes to answer questions and have a lot of class participation. I thought that the course was one of the best organized and executed courses that I have taken at the University of Virginia, and I am a Fourth Year student. There were a ton of resources, interesting activities, like the chases, and the homework and labs, though often difficult, were innovative and, dare I say, fun. I thought material was generally well explained, and when it wasn't, a number of good resources were provided to help with it. I do have to admit that there were several times on homework assignments when I would get completely lost and felt like not background information had been provided to get students started. However, I really cannot emphasize enough how great all of the resources were. The Course Wiki, podcasts, code from class, and so on, went way above the call of duty. Some of the lectures felt a little drawn out or unnecessary (nothing specific immediately comes to mind, but I do recall coming to several classes and left feeling like not a whole lot of new material had been introduced), but I also feel like any more material covered would have been overkill, so I'm not sure if this is a bad thing. My main gripe with the course would be how TA office hours were handled. Again, I can't really provide any more suggestions, except for maybe try to assign TAs to more obscure hours if possible. I can't really say that this would solve anything, but it does seem to give committed students an opportunity to avoid the rush at peak hours. Overall, it was a great course. I thought that Professor Sherriff was incredibly well organized, probably more so than any professor for any course I have taken.