CS 1110-100 **Introduction to Programming** - Fall 2010

ENGR (23813)

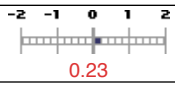
INSTRUCTORS: **Sherriff, Mark (mss2x)**

Respondents: 107 / Enrollment: 148

Summary: CS 1110-100 Introduction to Programming - Fall 2010 (23813)

Overall Course Rating

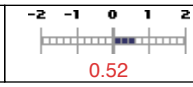
CS-1110-100 Mean 4.12
CS-1110-100 Std Dev 0.85
CS-1110-100 Response Count 534

Difference from Category Mean, Expressed in Category Standard Deviations	

SEAS, 1000-level courses Mean 3.91
SEAS, 1000-level courses Std Dev 0.94
SEAS, 1000-level courses Response Count 9660

Overall Instructor Rating

INSTRUCTOR: Sherriff, Mark
Mean 4.58
Std Dev 0.63
Response Count 745

Difference from Category Mean, Expressed in Category Standard Deviations	

SEAS, 1000-level courses Mean 4.08
SEAS, 1000-level courses Std Dev 0.96
SEAS, 1000-level courses Response Count 13607

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

1. How would you rate the availability of TAs?

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

Results for CS-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
106	3.29	0.72	46 (43.40%)	46 (43.40%)	13 (12.26%)	1 (0.94%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
106	3.29	0.72	46 (43.40%)	46 (43.40%)	13 (12.26%)	1 (0.94%)	0 (0.00%)

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

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

Results for CS-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
107	3.18	0.72	38 (35.51%)	51 (47.66%)	17 (15.89%)	1 (0.93%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Excellent (4)	Good (3)	Average (2)	Weak (1)	Very Poor (0)
107	3.18	0.72	38 (35.51%)	51 (47.66%)	17 (15.89%)	1 (0.93%)	0 (0.00%)

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

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

Results for CS-1110-100, Sherriff, Mark

Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
107	3 (2.80%)	13 (12.15%)	27 (25.23%)	40 (37.38%)	24 (22.43%)

Results for SEAS, 1000-level courses

Total	Every week (NA)	Every other week (NA)	Once per assignment (NA)	Rarely (NA)	Never (NA)
107	3 (2.80%)	13 (12.15%)	27 (25.23%)	40 (37.38%)	24 (22.43%)

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

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

Results for CS-1110-100, Sherriff, Mark

Total	Individual Answers
53	*See below for Individual Results*

Need more flexible hours.

Helpful during labs, though the setting is tough for them (lots of students just badgering them until they answer the questions)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Overall, the TA's were very helpful, and taught me a lot. In lab sometimes it was hard for them to get around to help everyone quickly.
	n/a
	The TAs this year (esp. for the TH 2PM section) were SO helpful.
	While all of the TAs were helpful, Lesley in particular made all of the material a lot easier to understand. She has a really great way of explaining the concepts.
	Office hours were sometimes too crowded and it was difficult to get help.
	While in Lab and a question was posed to a TA, a TA rudefully remarked "I finished already and I haven't had lunch yet guys so..." I found that to be really rude. Other than that, The TA's were lovely
	They were pretty knowledgeable and generally helpful during lab and office hours, which is what you generally hope for, so that was good.
	Jonathan was condescending with every question you asked; Avinash just gave you the answers; Kristi & Matt were really nice and helpful; all in all very available & worth visiting
	Lesley is a goddess. That is all.
	Lesley is amazing.
	As a High School Student I didn't really have access to the TA's because I wasn't on campus so my answers don't really apply.
	avinash was bad
	always available for help which was nice.
	The TAs that I had in this lab were so much better than the TAs I had last year when I took this same class.
	They were very nice and the one guy is very hot!
	I had some good experiences with the TAs (Kristi) during my Friday lab section, but I was often frustrated with other TAs. One time I went to office hours, and the TA didn't even know what the assignment was. She spent 5 minutes trying to read the key, and then 5 minutes trying to understand my code that didn't work. Eventually she gave up and then directly typed the answer code into my laptop. I guess it was nice because I finished the assignment, but when I asked if she could explain what she had just typed, she said "I can't explain it but trust me it will work". As someone seeking to understand a concept, I found that extremely frustrating. Another time I went to office hours that "started" at 1 pm and went to 3 pm. At 1:10 the TA showed up late, and when I approached him to ask a question he asked me to wait, because he was working on homework with a partner. I waited until 1:40 when he finally finished his own personal assignment, and felt like I had wasted my time.
	Helpful, and responded readily in answering questions.
	The TA's especially in lab were very good at answering questions!
	It would be great if the TAs are familiar with the HW we are working on at the time. It was difficult at times to get help because they did not know what programming tools we could use.
	Some need to work on time management skills. I once went to a TA session where I was in Thornton for 2 hours and the TA spent one of those hours with just one student. Also, almost every TA was very good about helping without making you feel stupid and without just telling you the answer, but some TA's might do well to realize that we are beginning CS students so we aren't quite as good at programing yet.
	I never interacted with them outside of lab, so I have little basis for judgment. (The reason I didn't interact with them was that I didn't find their help necessary)
	It was difficult to find TAs in stacks during office hours. Perhaps the office hours could be in a smaller room or make the TAs wear an obnoxious shirt or something so they're easy to find. Sometimes I went to office hours and couldn't find a TA.
	Unlike other courses, this course had a very large abundance of times during which the TAs were available. I really think this made the course significantly better from another programming course because of this. The TAs were very helpful in lab. Even though I needed to ask them for help in lab at times, I learned just as much, if not more about the problems by seeing how they went about solving it than if I had just aimlessly tinkered around with my program in the hope that I would come across the mistake.
	Always ready to help, with office hours at almost all times of the day.
	When i did use the TAs, they were vey helpful
	Lesley is awesome!
	They were very friendly and helpful, although sometimes I felt that they were understaffed

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Not much experience with them so nothing to say. Super friendly, largely helpful. Even if they hadn't looked at the assignment yet, they used their prior knowledge to help out. No. No I loved the TAs!! They were so helpful. Lesley was my favorite. Fun and helpful! They were very helpful! They always answered my questions in lab in a way that made me understand the concepts of the material, not just that specific coding problem. The TAs were really helpful and they explained things about coding really well. Leslie was always sweet, cheery, easy to approach, and ready to answer. Mark was helpful in that he was always very clear in his explanations, and took the time to guide the students through the concepts behind the actual code in a thorough manner. I didn't start going to TAs until around halfway through the semester. I wish I had known earlier in the course how useful they could be with understanding the assignments! Jonathan Dorn is the man. He never gave you the answers to the questions you asked but rather asked thoughtful leading questions that made students understand what they were asking, bringing them to the answer on their own. It's difficult to rate TAs because there were stars and people who were absolutely awful. Matt and John were fantastic and a great team. They balanced helpfulness with not giving the answer and no matter how long it took, they'd stay and help and were SO patient. Others? There was one people either avoided like the plague or ran to because you would set your computer down and he would type the right answer just to get through everyone who showed up (word spreads fast about that kind of help, I guess). What's worse, we tried to do it ourselves and he just got frustrated and asked us to move away so he could do it. Then, we wanted to ask him questions about what he'd done, and he said he was too busy. Moreover, I talked to Sherriff afterward and what he had typed was incorrect to boot. So some TAs were indispensable but some--mainly that one--were jackasses. It was difficult to do one assignment with different TAs because they do it differently. The TAs are generally very helpful and their availability is truly wonderful. I should have gone to TA office hours more often. Some were very helpful, others seemed as lost as we were when we came to office hours. The TAs ranged in helpfulness, some were very helpful in explaining things so that I better understood the assignment without telling me the answer flat out. Some TAs told me the next thing I should type, which worked but didn't help me learn. And I have also had a TA who knew less about the assignment than I did (for example the TA did not understand how the snowflake should be changing with each recursive depth as far was how it looked, not the code). some were helpful some were not My lab TAs were awesome, but I never had to go to office hours for any of the assignments The 103 lab TAs were excellent. They usually had no idea what they were talking about, or were completely unhelpful about basic concepts such as recursion, "I don't know, google it?" What a waste of time, I come to office hours to have an active and personal explanation for what I don't understand, but TA's just give unpersonalized and condescending help. None. Leslie is very helpful. I thought most of the TAs were great! They were very nice and helpful. There was one (a girl, I forget her name) who didn't really understand the assignment she was "helping" us with. Also, sometimes the TAs didn't put up signs at their computers in Thorton, which made finding them very difficult/frustrating. No because I never used the office hours, but I think the large number of office hours was beneficial. TAs were great in lab.

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

5. 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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	3.41	1.18	25 (23.36%)	23 (21.50%)	37 (34.58%)	15 (14.02%)	7 (6.54%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	3.41	1.18	25 (23.36%)	23 (21.50%)	37 (34.58%)	15 (14.02%)	7 (6.54%)

6. 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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	4.45	0.66	57 (53.27%)	42 (39.25%)	7 (6.54%)	1 (0.93%)	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)
107	4.45	0.66	57 (53.27%)	42 (39.25%)	7 (6.54%)	1 (0.93%)	0 (0.00%)

7. 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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	4.54	0.57	62 (57.94%)	41 (38.32%)	4 (3.74%)	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)
107	4.54	0.57	62 (57.94%)	41 (38.32%)	4 (3.74%)	0 (0.00%)	0 (0.00%)

8. 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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	3.70	1.13	29 (27.10%)	38 (35.51%)	26 (24.30%)	7 (6.54%)	7 (6.54%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	3.70	1.13	29 (27.10%)	38 (35.51%)	26 (24.30%)	7 (6.54%)	7 (6.54%)

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

~

Question Type: Short Answer

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-100, Sherriff, Mark

Total	Individual Answers
91	*See below for Individual Results*

Everything- loved Sherriff

classes they were easy to remember

I liked object oriented programming because that's when the class started to get interesting

The one dealing with user input for gaming consoles since it was an entertaining lecture.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Recursion was my favorite because each problem was a tricky puzzle and it helped me finally think algorithmically
	I really enjoyed learning loops; they seem very practical and useful..and they're just fun.
	Recursion, even though it was hard I thought the concept was really interesting.
	I liked if statements/for loops most. I wasn't huge on actual "programming" but the logic of the first unit, figuring out how to make things work, was lots of fun.
	The loops, they are very logical and helpful in solving many types of algorithms.
	Loops. Felt like looping appeared in almost every single programming we learned, and every problem can be solved using a loop.
	Decoding - it was fun to see applications of programming to encoding and decoding messages, etc.
	Loops
	The lecture on user interface where Sherriff brought in all the different video game controllers because it was interesting to apply what we've been doing to real life situations but also it was just really funny.
	writing methods, seeing code that you wrote from scratch do exactly what you wanted it to do
	Recursion, because after enough practice it starts to make sense.
	UML diagrams, it helped me understand what was needed in methods and classes.
	I enjoyed drawing with the turtle although recursion was hard to grasp.
	I really enjoyed the Crypto-chases with the Caesar cipher and Yoshi's Chase because they got us to group together and program in an attempt to reach a goal in a fun way. I also enjoyed the lecture about user interface because it was just very interesting.
	Recursion, it was the most challenging yet the homework was the neatest.
	I really enjoyed loops when we first learned them, because they made things so much quicker. However, I would say my favorite lesson was making classes, because it helped me see how real computer programmers make large, complex programs.
	Recursion, even though it's the hardest, but it is fun and exciting once the program works.
	My favorite topic was probably recursion because it was the most challenging. It really makes you think and I need some good brain exercise every once in a while.
	Regression: this topic fascinated me, as I realized that a number of programming problems I had been working on previously could be solve through regression techniques (i.e., a program which calculates the determinant of a matrix)
	My favorite topic was probably recursion. Most of the other material I had covered a little before but recursion was completely new, and it was interesting to be forced to think about problems differently.
	The last lecture because it seemed to relate to us the most with how we interact with CS.
	loops
	I liked the data mining because it's something highly useful I'll probably have to do one day. It was presented with interesting homework--I liked the GoogleCharts--and was pure helpful information.
	I liked loops and recursions best because they are enjoyable and we were able to create some cool things on the homework.
	I don't remember but the day before Halloween when you dressed up as a pumpkin. That was so awesome and I am so proud of you for doing that. You are BOSS.
	I liked recursion. So simple, but such beautiful dragon curves ...
	for loops made everything easier
	deciphering coded text
	I enjoyed reading files because that is something that I felt was most applicable to the real world.
	gui's made the class practical
	writing classes because i think it brought everything together very well and gave us the ability to actually create code from scratch.
	loops - they're really useful

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Recursion - it was fun to solve little problems like putting *s between letters or taking out x's etc.
	Data mining was probably the most interesting because its application was very obvious.
	Recursion because it reveals a method of approaching problems beyond those found in computer science. The idea of breaking a problem down further into its simplest and most basic form is an approach and philosophy that could very effectively be applied to other problems and thought processes.
	I am not a fan of computer science, but Professor Sherrif made many things more tolerable.
	Loops - they were easiest
	Turtles because they are fun!
	The checkerboard game lecture and lab gave me a great appreciation for how much goes into programming and simple gaming. It was a real world application that was intriguing as well.
	All of it.
	Loops because they are fun and easy.
	Recursion. Intellectually challenging.
	I don't know about topic, but I liked the lectures that were full of crazy analogies. They made the material more fun and lightened the mood.
	Data mining. There's just so much out there to do with it... and much fun to be had.
	Recursion. At first i hated it, but once i figured it out, it was a lot of fun to think about how the program would run and logically come up with the solution.
	Recursion, even though it was probably one of the toughest topics, I liked that it is like trying to solve a puzzle.
	Recursion. It was fun to figure out and make the recursive programs. The result of your work was well worth it.
	'Loops' was my favorite topic because it was both very novel and easy to understand.
	Recursion...it was the most logical/challenging.
	Fractals! I'm a math person, and learning how to draw fractals really excited me. I spent hours just making different fractals or editing my own...and they're neat. They look really cool. And now I have a higher level of appreciation of recursion.
	LOOPS! because suddenly everything was simpler to code.
	Event driven programing was very interesting because it is all around us in technology.
	File I/O
	Definitely arrays/arraylists. Why? Because after doing HW#4 without them, I had SUCH an appreciation for how much easier they could make programming certain topics. So while it was a pain to have to do all that coding for the finding indexes and substrings on that assignment, it did make me fully appreciate the power of arrays.
	I like almost all of the lectures!
	N/A
	The first scavenger hunt with loops because I found it fun to apply the coding to something in the real world.
	My favorite topic was probably learning loops because I was best with this topic. I thought it was really cool that we were making firework simulators and such, however I had trouble actually completing these tasks.
	I liked recursion because it was challenging and rewarding to solve.
	We see programming everywhere. Very interesting lecture that shows how broad programming is.
	Recursion
	the image viewer one about reading a file and generating a picture from it
	All the topics that introduced new tools to me were "my favorite." I just enjoy the aspect of programming where you can make your own creations that do whatever you want, so whenever I learned a new tool, it was exciting.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I liked everything before loops. After loops I stopped understanding what was going on. I really like loops.... not sure why. I think that some of the homework assignments and labs on loops made me approach problems more creatively. They were frustrating, but then it would be so exciting to figure them out! The secret code scavenger hunt was awesome and educational The "chase" or "scavenger hunt" lectures were my favorite simply because of their unorthodox nature. Not only did I learn the required material but due to the nature of the lecture I also remember it very well. Loops because they are very straight forward. The particle simulator homework was super fun! Recursion, surprisingly enough to myself. I like the concept because it seems elegant/mind-blowing, and it felt good to finally grasp what was going on. Also I like writing recursive methods the best I found all of the material involving the particle simulator homework to be very interesting because it seemed to incorporate a wide variety of programming in order to achieve a pretty neat result. It kind of helped see how everything we learned was actually fitting together. GUIs was my favorite, because how we interact with the world nowadays has more to do with using computers and interacting with them. The graphical interface is really the part the user interacts with and the only part the user sees. In order to make a great program, this part needs to be mastered. Besides, I've always fallen in love with great graphics and menus, whether it be in video games, websites, or smartphone applications. The cipher chase. It was awesome-sauce favorite topic is writing methods because it was one of the easiest Constructing classes, doing UML diagrams, and using methods to pass/return and compute values: I found all of this stuff fun to do for the most part, especially since it made sense how the code was working. Loops were my favorite topic because it was an easy concept to understand. Loops/most widely applicable I liked making the pictures with the turtle because it was fun figuring out which new designs I could add, though some of the code for figuring out the recursive elements was a bit annoying. I loved the drawing portions the different sorts because there was a visual for it favorite lecture was when he used the ppl with numbers to deminstrate bubble sort. Learning about video game controllers. GUIs because we got talk about video game controllers and their design. It twas a blast. The lectures up to the first test because they were very simple. Advanced IO. I felt like I was actually doing something significant with a computer program. recursion, because we got to draw pictures with it. I like the topic on loops because it makes the coding easier.
10. 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-1110-100, Sherriff, Mark Total: 87 Individual Answers: *See below for Individual Results*
	<3 Sherriff Overall computational thinking. It might be writing methods. It took me awhile to grasp the idea and the concept, but when I came around to it it seemed very very useful. For a long time I've wanted to be able to write algorithms - especially cool ones (for fractals, economics, and other math-related things) - and methods seem to be very useful for that.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	The critical Thinking skills
	Probably file input/output, because I can see myself having to do some quick file creation with large data chunks that would build upon what we did in those lectures.
	The computational thinking and writing of algorithms that apply to so many things within the engineering field.
	Again, data mining. Then again, just going over how to come up with algorithms was pretty amazing. Schools don't teach logic anymore, and in general, I can tell. Actually, talking about the steps made programming easier and I almost wish every homework had required people to turn in a typed out version of their thought process. Then, if you went to an OH with a TA, they could first see the sheet and say, "Wait, maybe you should rethink Step 3." Then, people get more chances to learn on their own.
	n/a
	n/a
	Creating my own classes and methods will be the most useful skill I learned in this class as I move into higher levels of CS.
	I would say especially in future programming experiences, the loops will be essential as always.
	Loops
	Algorithms because they relate a lot to engineering in general.
	Reading in file (excel documents) and analyzing data
	arraylist for organizing data or data analysis
	The sorting methods...program interfaces.
	File I/O and Advanced I/O (binary files)
	Reading files
	Just the overall process of thinking algorithmically should be very useful
	Arrays and Array List
	methods
	Arrays
	Knowledge of methods, classes, and fields.
	Loops.
	Reading in files & sorting them into arrays or other lists.
	File I/O, loops, recursion, classes and methods
	I believe the topics on loops is helpful because it makes the code simpler.
	loops
	I found the most useful lessons were those that required critical thinking and solving puzzles. Once I understood how recursion worked, it was fun to try and solve the questions asked on the lab. I think this critical thinking will be essential to me in the future as an engineer.
	Cipher chase. It was awesome-sauce
	The most useful was just basic programing.
	Probably loops. They can be used in so many ways.
	Writing methods because they are essential to making good classes and programs.
	reading files/data mining
	Learning to create methods.
	Assuming I do not minor or major in CS (which I am not sure about) probably just the where is computing seen lecture, because it helped me understand object oriented programming and appreciated computer science as a whole.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I really never payed attention in lecture unless you were making some of your terrible jokes or dressing up. So yeah... Sorry about that.
	The topic that I think is most helpful in general to all engineers was just the concept of object-oriented thinking. Solving problems step-by-step and tackling one problem at a time is a skill that many people do not fully understand or incorporate into their everyday lives.
	File I/O and data mining.
	Its hard to decide exactly what would be the most useful since I think everything in this class was pretty important/useful overall. But I guess if I did have to pick I would say understanding how object-oriented programming works was really important.
	All
	All
	recursion because it combined all topics into one
	Data mining really hit me as the topic I would use no matter what engineering profession I end up in. Data and statistical analysis are vital skills to have, and I feel like the tools I learned in computer science will enable me to analyze and make sense of a large amount of data, should I encounter such a situation in the future.
	Just knowing what parts of the code mean will be very useful.
	I think learning about how to create multiple classes for diffrent objects will help me the most because i think it really simplifies the code and makes it a lot easier to relate to what i already know.
	recursion seems to be most useful
	Recursion seems useful even if it just taught me a different way to think. If I continue with programming, it will be really useful.
	Stuff about how CS is valuable in the real world.
	The more conceptual classes about how computer science effects out everyday lives since I'm not an engineer or computer science major/minor.
	Probably reading through files and data-mining, though it was kind of tedious.
	File I/O
	The fundamentals of programming will be useful. I can apply what I have used to all my future engineering classes in various ways.
	I think the problem solving/algorithm writing is the biggest thing to take away from this class
	Not sure, but all of it was really useful.
	All of it. Honestly.
	I don't plan to continue my computer science studies, but I suppose GUI's since that has the most real-life significance.
	Learning loops.
	most likely the for/while loops will be the most useful.
	Overall knowledge of JAVA fundamentals
	"hello world" now I understand more nerd jokes (e.g. I saw on a t-shirt: "You had me at 'hello world'")
	Recursion.
	Probably recursion. It seems like a good way to solve problems.
	User interfaces
	UML diagrams, because it showed me how systems in our environment can be broken down using this process.
	Recursion
	Recursion
	Recursion--helped with thinking of something in a new way.
	The lecture about making technology user friendly.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Loops and methods Algorithmic thinking. Probably just the new way of analyzing problems I learned from this class. Data mining. writing methods and classes Again, regression. As I am not going to be a CS minor/major, the more "logical" parts, (if statements, for loops, etc.) that build "computational thinking" would probably be the most useful. same as #9 I am not going to pursue programming further, so ,in general, the algorithmic thinking. In order: Classes, loops, methods, and advanced File I/O. learning decision structures Arrays. I wish you had taught them to us earlier because they are so useful. I feel like recursion will be the most helpful Loops and arrays because these concepts occur a lot in life. "Hello World" Reading files and outputing them. I feel being able to write classes and methods will be helpful in the future. Loops/recursion because of their multi-functionality to take inputs, and provide valuable outputs in sorting, organizing, and computing data.
11. 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-1110-100, Sherriff, Mark Total: 82 Individual Answers: *See below for Individual Results*
	GUI didn't work. We didn't really talk about graphics, and it would have been useful if we had covered that. As someone who won't take another cs class because I am a 4th year, recursion did not work for me. It was much easier for me to apply a loop than a recursive method. Nonetheless, I can see how it is more useful in the long run for computer programmers. While creating classes, etc. are obviously important tenets of CS and necessary to understanding Java, as a non-CS major, it probably won't help me much down the road (then again, who knows). Advanced file input output we did after recursion, it might have been because we were getting close to break. I think recursion was definitely the most difficult topic but it might be useful in the future. n/a n/a n/a Recursion, because even though it made me think in a different way which is something I need to be able to do regardless of what kind of engineering I major in, it does not seem to be the most used kind of coding and while it may be elegant, the result can usually be found using non-recursive code. Recursion was very hard to understand. None were explicitly unhelpful. They all seemed useful to some degree or another.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I don't think there were any lectures that "did not work". I felt they were all pretty well done and got at something that was useful. The only things I would change would be to have the first cipher chase AFTER at least an intro lecture on loops (it was fun, but it did take a lot of floundering around teaching myself loops) and to go into a bit more of advanced I/O. I mean, I know we aren't responsible for too much of that on the final, but after getting a taste of it, I really would've liked a full in-depth treatment of it.
	Not so much a topic, but straight programming within Eclipse is not that useful in the long run for non cs majors. It would have been nice to understand how to make and use programs outside of eclipse.
	1D and 2D arrays...I know they're probably useful, but they just seem so "blah."
	I/O, I don't really know when this would be important?
	I think everything is useful.
	Everything was useful in the long run. Everything added to my overall knowledge of computer science.
	Recursion was hard, man
	none
	none
	none
	I feel all of them can be useful in the long run, I just didn't like how recursion was taught. the basic concept was taught well, but the intuitiveness of the coding wasn't.
	Once again, I did not pay attention. You are still awesome.
	RECURSION; both chases
	Recursions, GUIS. We did not go over these topics extensively, and I do not think I will really use these two materials in the long run.
	The in lab review was useless. It was a fun organization ,but the questions were too basic to be helpful for the final.
	N/A.
	all topics were necessary for an introduction to programming
	The ending part that wasn't really on the exam- probably useful if we would have had time but still....did I mention I <3 Sherriff- just in case that wasn't clear in previous responses...
	GUIs, they weren't covered enough to matter.
	GUI's
	Overall, not much but I prefer that podcast has videos. Towards the end of the semester podcast become last useful because of in class programming.
	Google charts
	Graphing with Google Charts - (was a hassle, although the ability to output as a URL was helpful)
	The fact that we had to learn do-while loops while Professor Sherriff told us we would never use them was a little frustrating. Also, I am still confused about Yoshi's Chase.
	None really
	Maybe Yoshi's chase, but only because we didn't have enough time to do more with it. Also, since I am a high school student I was not able to easily identify the parts of campus or have time to go looking for them.
	recursion
	The turtles topic. I think recursives are very important, but the turtles just ended up confusing me about that topic and are very specific to the the point that I don't think I will every have to use one again.
	Advanced I/O
	Recursion was very hard. It is useful, but hard.
	the topic that we got taught split after we learned the longer way
	RECURSION! I HATE IT!

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I don't think the 35 minutes in one of the beginning classes explaining pair programming was really necessary. Also, having to create a billion charts when one would have been enough felt like a bit of a waste of time.
	Advanced I/O's because I don't know when I would use those.
	Advanced IO
	Advanced IO
	The ImageViewer with Google Charts
	For the sake of redundancy, Google Charts. It was just very difficult to operate, and although the charts looked rather neat for something you can generate online, it became more burdensome to create the charts out of Eclipse rather than online. And a benefit to computer science is to model and simplify our world...not make it more complex and burdensome. But I appreciate the idea and the neatness of Google Charts.
	none.
	Learning about hex-decimal format.
	None
	None
	Data streams, but only because we didn't do much with them.
	Recursion: since, even though I understood recursive methods are considered more efficient as opposed to iterative programming, I personally thought being able to use loops (such as the for and while loops) was better and less confusing.
	I personally don't think there were any.
	recursion. i just hate it.
	I found all topics/lectures to be useful to some degree in the long run.
	array lists just didn't make sense with me, but were useful to learn.
	N/A
	Advanced file I/O, but probably only because I understand that the least and don't really know what to use it for/when to use it
	Yoshi's chase because as a high school student, it was hard for me to have access to those parts of campus.
	The end of the class just kinda tapered off. That could have been productive. Just don't put it on the test.
	Recursion
	Everything seemed "to work," though Advanced I/O (opening and writing to binary files) seemed a little rushed and not as clear as it could have been. It was interesting, but I do not see myself personally using it in the future.
	I cannot think of any lectures that stuck out as not being useful.
	Recursion still confuses me.
	GUI was kind of pointless, yet the controller lecture was fantastic
	The Yoshi's Chase lecture left me feeling like I still felt unclear and confused about advanced File I/O and the chase was so difficult to figure out, I became discouraged and gave up on it. The previous chase was also a bit too difficult.
	The topic on recursive "did not work" but I believe it is useful in the long run though. I just do not understand recursion and was confused when doing the homework.
	Recursion. For the longest time, I just could not wrap my head around the concept. It's not how it was taught or anything, I just didn't like the topic in general.
	nothing
	Pair programming - we get it, move on.
	None.
	Recursion was really hard to understand and maybe more time could be spent on it.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

Advanced I/O was rushed and plain confusing. I would have rather worked more with something else we'd already learned or were learning than throw in a topic so quickly.

Recursion never really hit me as something that would be useful for me in the long run.

the drawing was fun, but not useful.

I didn't necessarily like the Google Charts portion of the class. It was a long round-about way of learning File IO and I don't see a huge amount of importance in using Java to use google charts.

I will probably never use half the stuff I learn again except for in another CS class since I am not majoring/minoring in CS

Google charts were very frustrating to get the proper dimensions and the fussiness of the actual web page was very time consuming.

12. 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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	4.15	0.68	19 (17.76%)	32 (29.91%)	10 (9.35%)	0 (0.00%)	0 (0.00%)	46 (42.99%)

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)
107	4.15	0.68	19 (17.76%)	32 (29.91%)	10 (9.35%)	0 (0.00%)	0 (0.00%)	46 (42.99%)

13. 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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
106	3.98	0.72	15 (14.15%)	30 (28.30%)	16 (15.09%)	0 (0.00%)	0 (0.00%)	45 (42.45%)

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)
106	3.98	0.72	15 (14.15%)	30 (28.30%)	16 (15.09%)	0 (0.00%)	0 (0.00%)	45 (42.45%)

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

~

Question Type: Multiple Choice

~

contributed by Sherriff, Mark (mss2x)

Results for CS-1110-100, 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)
107	0 (0.00%)	1 (0.93%)	25 (23.36%)	23 (21.50%)	14 (13.08%)	44 (41.12%)

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)
107	0 (0.00%)	1 (0.93%)	25 (23.36%)	23 (21.50%)	14 (13.08%)	44 (41.12%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

15. The subject matter was challenging.

~

Question Type: Likert

~

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	3.85	0.77	19 (17.76%)	59 (55.14%)	23 (21.50%)	6 (5.61%)	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)
1934	3.86	0.88	429 (22.18%)	971 (50.21%)	375 (19.39%)	134 (6.93%)	21 (1.09%)	4 (0.21%)

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-1110-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	4.37	0.56	44 (41.12%)	59 (55.14%)	4 (3.74%)	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)
1934	3.98	0.88	532 (27.51%)	990 (51.19%)	279 (14.43%)	97 (5.02%)	31 (1.60%)	5 (0.26%)

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-1110-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	4.25	0.86	49 (45.79%)	43 (40.19%)	8 (7.48%)	7 (6.54%)	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)
1928	4.09	0.86	635 (32.94%)	974 (50.52%)	194 (10.06%)	92 (4.77%)	27 (1.40%)	6 (0.31%)

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-1110-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
106	4.44	0.74	57 (53.77%)	43 (40.57%)	4 (3.77%)	0 (0.00%)	2 (1.89%)	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)
1929	3.99	0.94	570 (29.55%)	844 (43.75%)	273 (14.15%)	89 (4.61%)	47 (2.44%)	106 (5.50%)

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-1110-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	3.65	0.98	16 (14.95%)	51 (47.66%)	22 (20.56%)	9 (8.41%)	4 (3.74%)	5 (4.67%)

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)
1935	3.57	1.07	312 (16.12%)	708 (36.59%)	402 (20.78%)	189 (9.77%)	86 (4.44%)	238 (12.30%)

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

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
105	4.46	0.62	54 (51.43%)	46 (43.81%)	4 (3.81%)	1 (0.95%)	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)
1943	3.97	0.94	588 (30.26%)	897 (46.17%)	279 (14.36%)	119 (6.12%)	40 (2.06%)	20 (1.03%)

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	4.80	0.44	88 (82.24%)	17 (15.89%)	2 (1.87%)	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)
1943	4.41	0.78	1012 (52.08%)	645 (33.20%)	144 (7.41%)	31 (1.60%)	16 (0.82%)	95 (4.89%)

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
106	4.74	0.48	80 (75.47%)	24 (22.64%)	2 (1.89%)	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)
1941	4.32	0.82	880 (45.34%)	661 (34.05%)	180 (9.27%)	42 (2.16%)	17 (0.88%)	161 (8.29%)

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	4.43	0.70	53 (49.53%)	35 (32.71%)	9 (8.41%)	1 (0.93%)	0 (0.00%)	9 (8.41%)

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)
1946	4.08	0.91	678 (34.84%)	730 (37.51%)	303 (15.57%)	74 (3.80%)	25 (1.28%)	136 (6.99%)

24. The grading policy was fair.

~

Question Type: Likert

~

contributed by Dean of the School of Engineering and Applied Science

Results for CS-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	4.38	0.75	54 (50.47%)	44 (41.12%)	5 (4.67%)	4 (3.74%)	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)
1947	3.87	1.05	592 (30.41%)	799 (41.04%)	301 (15.46%)	172 (8.83%)	63 (3.24%)	20 (1.03%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
107	4.78	0.44	84 (78.50%)	22 (20.56%)	1 (0.93%)	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)
1948	4.26	0.88	828 (42.51%)	678 (34.80%)	170 (8.73%)	57 (2.93%)	27 (1.39%)	188 (9.65%)

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
106	4.47	0.75	61 (57.55%)	25 (23.58%)	12 (11.32%)	1 (0.94%)	0 (0.00%)	7 (6.60%)

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)
1939	3.68	1.10	508 (26.20%)	535 (27.59%)	510 (26.30%)	177 (9.13%)	72 (3.71%)	137 (7.07%)

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-1110-100

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
107	4 (3.74%)	46 (42.99%)	51 (47.66%)	5 (4.67%)	1 (0.93%)

Results for SEAS, 1000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1936	128 (6.61%)	977 (50.46%)	659 (34.04%)	127 (6.56%)	45 (2.32%)

28. I learned a great deal in this course.

~

Question Type: Likert

~

contributed by Office of the Provost

Results for CS-1110-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
106	4.51	0.57	57 (53.77%)	47 (44.34%)	1 (0.94%)	1 (0.94%)	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)
1928	3.88	1.00	541 (28.06%)	862 (44.71%)	335 (17.38%)	125 (6.48%)	65 (3.37%)

29. Overall, this was a worthwhile course.

~

Question Type: Likert

~

contributed by Office of the Provost

Results for CS-1110-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	4.48	0.69	59 (55.14%)	43 (40.19%)	3 (2.80%)	1 (0.93%)	1 (0.93%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1932	3.83	1.09	575 (29.76%)	795 (41.15%)	318 (16.46%)	151 (7.82%)	93 (4.81%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
106	4.46	0.60	55 (51.89%)	45 (42.45%)	6 (5.66%)	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)
1940	4.15	0.76	647 (33.35%)	997 (51.39%)	239 (12.32%)	45 (2.32%)	12 (0.62%)

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-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	4.49	0.59	57 (53.27%)	45 (42.06%)	5 (4.67%)	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)
1943	4.09	0.88	712 (36.64%)	820 (42.20%)	314 (16.16%)	74 (3.81%)	23 (1.18%)

32. Overall, the instructor was an effective teacher.

~

Question Type: Likert

~

contributed by Office of the Provost

Results for CS-1110-100, Sherriff, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
107	4.68	0.54	77 (71.96%)	26 (24.30%)	4 (3.74%)	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)
1946	4.03	0.97	721 (37.05%)	735 (37.77%)	351 (18.04%)	97 (4.98%)	42 (2.16%)

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

~

Question Type: Short Answer

~

contributed by Office of the Provost

Results for CS-1110-100

Total	Individual Answers
63	*See below for Individual Results*

<3 Sherriff

I really enjoyed this class, it was moderately challenging, but I am leaving it knowing a brand new skill which is exciting.

Tests should be easier as a lot of students are taking this class for interest. Difficult tests discourage this group of students.

I had a really hard time in this class. Sherriff was a good teacher and was really helpful whenever I emailed him or went to Offic hours. I just really couldn't visualize the concepts on my own well enough to be able to do the coding on my own. I thought it was a worthwhile class because I know it is something that I am not interested in but I have the experience and may be able to do basic coding at some point if necessary.

Professor Sherriff is by far the best teacher I had this semester. Based on what I've heard from upperclassmen, he'll be one of the best I ever have. He was smart, fun, funny, relaxed, and cared about us and wanted us to learn. This is a great class.

Great course, Sherriff will make it a well-known class soon

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	TL;DR: 1. Sherriff is an incredible teacher. 2. Adding a challenge hand coding question for the last 10 minutes seems a good idea. 3. Consider teaching the concepts and having more homeworks like HW4 rather than 5 & 6, which involved a lot of things we just had to take for granted worked. 4. We love Sherriff. Okay, let me be very clear: Mark Sherriff is one of the best teachers I've encountered at UVa. He is always available and he is good at explaining things. Period. Sherriff is a very smart man and has been at this a while. Thus, he has forgotten where it is hard, and he often seems to treat class as a review. I suppose he's used to teaching the upper level because we've done things like GUIs. I get that the lower levels can be boring to teach, and I really appreciate him bringing interesting topics to us, but IT WAS SO FRUSTRATING. I'm serious. It was hard to get mad at the man because he's a great person, but the fractal homework--I would have rather had straight recursion. I just wanted to practice the material. And I really hated how we'd have Questions, Queries, Quandaries, AND get out of class early. No, dammit. I want 50 minutes of lecture. If you want fun parts for the first ten minutes, that's okay, but I want to go over notes and learn more problems. I don't know; maybe he thought it would be too repetitive. Maybe it would've been for a few students, but some of those kids shouldn't have even been at that level. Any way, instead of stopping 5-10 minutes early, why not put up a book challenge that we go over at 10 of and if people want to leave, that's their prerogative. But I would've liked to work more problems. True, Sherriff's way works. It's not perfect, but it's pretty damn good. I don't want him to think that I think he did a poor job; he didn't. And people were willing to work harder because they thought the material was interesting, but if that's the way he's going to teach, no getting frustrated on homeworks like Particle and people have no clue what they should alter and what they leave alone. Writing methods and classes was so hard. I don't know when I finally got it, but one day it just clicked. Until then, I felt like a moron. I couldn't figure out why we were doing anything. I look back on his notes and podcasts, and he said everything right, everything that was helpful. I guess some topics just take a bit longer, and I'm glad we did so many examples of Class writing or I would've been so lost for so much longer. Oh! And if you want to keep GUIs and talking about interfaces and what makes a program user friendly, go for it, but keep it at the end like it was done this year. I guess it was hard to like it because I wanted to review recursion--grr recursion--and Advanced I/O. But I see the value in these classes because it shows where we could go if we continue with CS. I think it's a great idea, and I'm glad Sherriff isn't so narrow minded as to include only 101 level material. I don't know that GUIs were a good idea to learn because I sat there with material being presented and felt like I should be learning but wasn't. It kinda just flew over my head. I tapped my neighbor on the shoulder and asked what he thought. He said it was cool and he was going to take 201 to figure out what just happened. I don't know. Maybe Sherriff's a mad genius who knew that'd be our reaction and so now tons of people are going on to 201. Regardless, he's a great prof, and I'm glad I had him as a teacher this semester. Thanks, Sherriff; you're awesome. I have taken computer science before, but I still found this class very interesting and it helped strengthen my background in this subject. Professor Sherriff is a great lecturer and obviously loves Computer Science, which makes the experience much more enjoyable. This was a fun and engaging course. It was also informative, and easy to follow. The wide variety of analogies, examples, and explanations for each topic were truly enjoyable, as was the relaxed atmosphere of the course. It was always a welcome break to reach the part of each Monday/Wednesday/Friday which involved the CS lecture, and there was a much-welcome general lack of stress associated with this class(in lectures, labs, and homeworks). Fun class! Not a CS major by any stretch but i enjoyed the class thanks to Sherriff. This was a great class. Professor Sherriff was an amazing instructor whose lectures were always interesting and informative. He always made himself open after class for students to ask questions. His analogies were always amazing, and overall he was just a wonderful teacher. I would have Sherriff's children.. Professor Sherriff makes classes enjoyable. I really enjoyed the class. Having a small amount of previous experience, Prof. Sherriff's explanations surpassed that of my previous courses. I really enjoyed having him as a teacher, and I am probably choosing to have CS as one of my majors while I'm here in part because I took this class. sherriff was great and entertaining This was an amazing class. Sherriff did a great job teaching the material, and keeping the lectures understandable and interesting. I absolutely loved the bad jokes, bad puns, and bad accents, and the corny CS lines were great (and even helped me remember certain topics better). Also, the analogies Sherriff used, while somewhat random to a casual listener, were very helpful for me and really helped hit home most of the lectures. I'm actually sad that I'm a fourth year and won't be able to take any more classes with him during my stay at UVA. That aside, thanks for such a fun and useful class! I think the best way to learn how to program is to do exploratory programming. That's why the labs and homework assignments constituted the bulk of my learning in this class. I would say homework and lab assignments accounted for 65-70% of my learning and lecture provided the rest. That said, as a beginner programmer, I found the lectures to be useful for introductions to concepts and clarification but the homework and labs were really what cemented my knowledge of the subject. Because I feel so strongly about the effectiveness of hands-on programming, I think you should assign more of it in the homework. I know you won't hear that very often but for the later topics in the course, I would have appreciated a longer homework assignment beginning with simpler problems and finishing with problems like drawing fractal scenes, for example, that incorporate all of our understanding and then some. Sorry to be so verbose, but you all did an excellent job teaching this class for the first time! Good luck for the future! good times The professor was great and made understanding the material a little bit easier.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Prof Sherriff is a huge dork and I love him. He succeeds at keeping the class interested. This is actually my only lecture with the kind of student/professor dynamic that promotes asking questions and joking around. Prof Sherriff is very straightforward about what he will be testing. You know what to expect. I do not think that there was enough time for the second test though. :(I especially like the lecture on the evolution of video game controllers. Do that again.
	Lectures were fun and informative.
	professor sherriff made lectures enjoyable. he is probably my favorite professor i have had so far.
	Great Course. Really enjoyed it.
	Very interesting and entertaining thanks to professor sherriff
	Professor Sherriff is the best professor I had this semester. He made the material easy to understand with his analogies. I loved the anonymous feedback feature as I could ask questions without being singled out in front of the entire lecture. These questions were always answered and addressed promptly. Also, pair programming a was big help as well. Overall, a very well organized and taught class. Thanks for a great semester!
	I have very mixed feelings about this course. On one side, Sherriff is a very likable guy, and he clearly understands the subject matter. However, the homework and tests are outrageous in the level of detail required and the grading. There is also a large disconnect between the level of material taught in lecture and the level of knowledge required for the homework and tests. I often went to lecture and felt like I could have been more productive skipping lecture and using the time to do the homework assignment. Overall, I can't really give this class a thumbs up or thumbs down. If I had the time - and had taken the time - to sit down and really teach myself the material (as this is not accomplished well in lecture) or if I had prior CS experience, I probably would have found the class entertaining. But as that's not the case, I found the class frustrating.
	This class is supposed to be an intro to programming course. However, at times I felt as though Professor Sherriff skims the topic and does not get into the depths of the subject, often making it difficult for those students who have never had completed a programming class completely confused and clueless. He should slow down for the slow people who has never taken programming before and explain the topics in further depth.
	Good intro course - lectures/concepts were clear and well explained. Plenty of opportunity to get extra help outside lecture/lab if needed. Text was helpful and relevant. Grading was fair and well proportioned (as far as % homework, exams, labs).
	Best professor thus far. Hope to have you in other CS classes if I end up majoring in CS.
	Never lose Professor Sherriff. He's the best asset this department has at introducing and encouraging students to enter the realm of computer science.
	Good course.
	You are the best thing since COD. I love you. You are a BAMF ;) You are a level 100 Charizard. teehee
	Professor Sherriff was great! If I didn't think it was so hard, I would try to minor in CS because he made me love it!
	Prof. Sherriff is a BAMF.
	I went from being a person that had no knowledge of or background in computer science to being very confident in my ability to design elementary programs to solve basic problems. It was fun and I learned a lot.
	Professor Sherriff is great. I took a computer science class at another school and dropped it after 2 weeks because the material was covered too quickly and the teacher didn't explain concepts very well. This class made me a little less intimidated by coding and CS in general. I recommended Sherriff to my friends who are thinking about taking a CS class.
	I feel that with a lecture 3 times a week in addition to the lab the course should be worth more than 3 credits, as most classes that I take which have a lab or discussion are reduced to 2 50minute normal classes. I can't compare Prof. Sherriff to other professors in the e-school, as I haven't taken any others, but I did learn a lot about programming in the class which was something that I previously had no experience in. Also the scavenger hunt things were fun.
	You are an awesome teacher and it was a good class, even if I won't directly program in the future.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Professor Sherriff, In lecture, you were wonderful and it was an absolute joy to be in your class. Some teachers miss the fact that students are happier and enjoy coming to class more when the lecture (and the lecturer) are engaging and entertaining. Whether it was a journey into the computer science and ergonomics of gaming, or a simple example of how to slow down immensely your computer's processing speed, you kept the classroom interesting and informative. We clapped for you after your last lecture to let you know that coming to your lecture was not a chore, but something I (personally) looked forward to every week. My friends would hate to have a Friday class from 1-1:50, but you even kept Fridays relaxed and engaging. Thank you for being such an engaging lecturer. In my opinion, your office hours were not as welcoming as you seemed in lecture. I visited your office on several occasions and for some reason got the impression on occasion that you disliked me. In lecture you were really very welcoming - and you weren't unwelcoming in office hours...you were just kinda there. And sometimes brief or a little awkward. Perhaps that's something that I can work on as a student as well - it takes two to feel out of place in a one-on-one setting. Or perhaps it was just the stark contrast between your personality as a lecturer to an audience and that as an individual professor. Either way, it was a pleasure being in your class and I truly appreciate the effort you made to be available and to have TAs available to assist in the learning of the material.
	Professor Sherriff is a great teacher! He's fun, entertaining, and most importantly keeps the class interesting. His lectures are very helpful and grading was fair.
	Fun fun class
	Professor Sherriff was a great professor. His random comments and jokes always were great, and he always had my attention. He was a cooky guy not afraid to let the nerd out and that was refreshing to see, a professor with a personality. Professor Sherriff was also very effective in teaching the material with great analogies, super mario scope was my favorite. Great class, I'd love to take another one with Professor Sherriff
	I took CS1110 last semester with a different teacher and learned almost absolutely nothing. I ended up with a horrible grade and did not understand ANYTHING. Taking it again with Sherrif was the best decision I have made. I know so much more about CS and actually enjoy some of the coding...
	Great, fun course, and one I looked forward to attending lectures in.
	Great guy better teacher
	Professor Sherriff is fantastic. I always (and I mean always) looked forward to class. He presented the material in a very accessible way; his ever-present sense of humor made class enjoyable and entertaining. The man is a technological wizard. He also has good taste in video games.
	This class has three lectures and a lab per week. It should be 4 credits, not 3. In addition, Professor Sherriff is awesome.
	I didn't like that concepts were always put in terms of analogies, like video games, which were not always consistent analogies that made sense. Analogies seemed to oversimplify the concept and actually made it harder to understand.
	I think computer science is very interesting and I wish I was better at it. At the beginning of the year, I had a hard time grasping the material which put me behind and ever since then, I continue to struggle with the material. However I do enjoy being able to code and I love coming to class because it is fun learning. Professor Sherriff is also very approachable and fun to talk to.
	Many times in lab I found myself and my lab-mates trying random changes in the programming to reach our objective, and when it worked, we did not know why. This was a big problem for our overall understanding of the course material in preparation for exams. There was too much extrapolation for an introductory course in which we are trying to learn the principles. It was a difficult task for Professor Sherriff to balance the class for those with experience and those without. Please remember this is an introductory course, so please lean more toward slowing down than speeding up in the future. Thank you for your class.
	Thanks for a great semester! I was originally concerned about "CS-nerds" dominating the course, killing the grade distribution, etc, but I really appreciated the effort to teach to a broad audience. Thought it was a really well-balanced course, and I hope it continues to be.
	Sherriff is the King of the Forest. He is BY FAR the best professor in the CS dept.
	The lectures tended to be more abstract, and the tests were much more technical. More in class coding would have been appreciated.
	Sherriff was a great professor, but the course pacing was too fast for me. It wasn't his fault, he had to go that quickly to cover everything, but I had a hard time keeping up in a subject that was entirely new to me.
	This course really helped cement my desire to major in CS and I really enjoyed the material as well as the professor.
	Some things could have been done better, but given that this was Sherriff's first time teaching this class, he did a good job. It is easy to see that he is a really good professor.
	Professor Sherriff's teaching style is remarkable. He has the ability to teach a subject matter that may be boring to many students in such a way that makes those students interested in it. Also, his [bad] jokes never get old.
	Sherriff was entertaining and likeable, making it easier for me to enjoy class and learn the material.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	Sherriff was a great teacher. Makes me want to take lots more computer science classes. This class changed my life for the better. This course made me strongly consider CS as major even though before this class I thought I would hate it. PS Sherriff is a bamf :) This class should be 4 credits. Professor Sherriff made me want to be good at programming so I could take more classes with him. Unfortunately, I am awful at programming ,but I still might take more CS classes because of my experience in 1110. I really appreciated the effort to make help available so easily. Professor Sherriff has been the most active teacher I have had at UVa in this way. Best teacher I have had yet. I hate group projects. For some reasons teachers keep giving them to us. But they are a terrible idea. The pair programming in lab was fine, but group projects outside of class always end in sadness. Also, the "chases" were not fun. You thought they were, but they really weren't. They were just stressful. I feel that the homework assignments were not always proportional to what we learned in class. I only missed one class this semester and when I was in class I felt like I understood the material perfectly, but I would go to try to do the homework and I would not know how to do it. Starting with homework 3 and on, I literally, physically could not complete the assignments by myself. I HAD to go to office hours to get help. I am perfectly fine with asking for help, but I don't think I should have had to ask for help on every single assignment. That being said, I actually really liked the lectures and I think Professor Sherriff is a really good teacher.