

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

CIS3362.0001 - CRYPTOGRAPHY AND INFO SECURITY

Arup Guha

Number of Students Enrolled: 54

1. What did you like best about the course and/or how the instructor taught it?

The math.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Less coding and paper writing, just math.

1. What did you like best about the course and/or how the instructor taught it?

He is very knowledgeable in the area that he is teaching and knows how to transmit it very well

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Don't tell students on an exam worth 15% of their grade, 6 minutes after the exam is supposed to end, after you were 15 minutes late to class, that there are more stipulations to 2 of the 10 questions than were stated that require all students to rework the problems. He seemed very cavalier about changing requirements on exams that decide the future of his students at the most inopportune times.

1. What did you like best about the course and/or how the instructor taught it?

(No response.)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Please please please, organize and update your notes on your website better. It doesn't help at all when there are zero notes on elliptical curves available to us when we're trying to build our study guides. I'm happy that I made a Google Doc of the in-class notes I took so that I could share view access among my classmates who needed it. It is difficult to prepare for the exams in this class, and unless one is sitting in the front, it is difficult to fully absorb what is discussed in the lecture. Group project work items are always due at awkward times, especially now near the end of the semester, and homework assignments are tedious: around half of a standard homework assignment is what will be on the exam, and some questions take an entire hour or two to complete, so considering the number of questions thrown at us, it's harrowing. This class has somewhat dampened my interest in cryptography as a whole because of the absolute struggle and confusion my group-mates and I have dealt with. I heard great things about this instructor and looked forward to working in this class initially, but it quickly became my least favorite within a month. I feel things were just bad this semester for everyone though, including faculty.

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1. What did you like best about the course and/or how the instructor taught it?

(No response.)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Reduce amount of group work

1. What did you like best about the course and/or how the instructor taught it?

I really liked that the instructor was enthusiastic about the course material. That made a huge difference.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I am a very visual learner. However, all of the course notes were in the form of text in Microsoft Word documents with no pictures or anything except text. I found myself learning most of the course material by performing Google searches and watching YouTube videos.

1. What did you like best about the course and/or how the instructor taught it?

Lectures were very informative. Explains complex encryption algorithms very well.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I think it would be useful to go over some hw problems during class.

1. What did you like best about the course and/or how the instructor taught it?

Great teacher, many resources on his website. Lots to review

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Sometimes is too fast when covering material

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Number of Students Enrolled: 54

1. What did you like best about the course and/or how the instructor taught it?

One of the best instructors at UCF.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

1. What did you like best about the course and/or how the instructor taught it?

Using the cheat sheets to go along with the exams were super helpful. Homework was challenging, mostly because some of the questions didn't really have too many outside resources.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I kind of wished we didn't have to do the research project on top of preparing for a 3rd exam and then also preparing for the final.

1. What did you like best about the course and/or how the instructor taught it?

very organized really knows info

2. What suggestions do you have for improving the course and/or how the instructor taught it?

way to much work for this tiny class

1. What did you like best about the course and/or how the instructor taught it?

Help making the class very enjoyable.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Better notes would be nice.

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1. What did you like best about the course and/or how the instructor taught it?

You could tell he was very interested in the course work that he was teaching.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

The grading criteria for the entire final project was a mystery. Several points were taken off for reasons that were randomly made up, then he would highly criticize the layout of your paper when he read over the outline and approved it.

1. What did you like best about the course and/or how the instructor taught it?

Very enthusiastic and knowledgeable.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

1. What did you like best about the course and/or how the instructor taught it?

(No response.)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

The course is setup like a math class, teach the content and the background of the formula or algorithm and provide an example. There were so many times where we learned something and we learned the formula and how to use it we never got an example of how a question would be worded with that formula or how do we use it. We need examples.

1. What did you like best about the course and/or how the instructor taught it?

The subject matter is interesting.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Don't change the questions on a test ten minutes before it's due next time, that'd be great.

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1. What did you like best about the course and/or how the instructor taught it?

The explanation of historical cryptography was interesting, as well as the occasional incentives for completing the homework early.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

The information contained in the online notes is incomplete. A lapse in attention or inability to attend class can cripple a student's ability to use important course material later.

However, the online notes' incompleteness is hardly relevant, as the information that is contained is so poorly structured that it may as well be worthless. Understanding the notes online is essentially fruitless, to the point that the uselessness of the information within has become a class meme. Other than that, there's not much specific I can add to this, but I do have a complaint that I'm not sure how to address. When I came into this course, I was very, very interested in the material. This was an elective I did not need but chose to take for my own enjoyment. Over the course of this class, I have lost all interest in Cryptography. I don't dislike it, I'm not frustrated. But something about Guha's teaching style has convinced me to never study this subject again. I thought of this as a personal issue, but consulting with my classmates has proved that in this I am not alone.

1. What did you like best about the course and/or how the instructor taught it?

(No response.)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Upload more in depth notes

1. What did you like best about the course and/or how the instructor taught it?

Perfect examples in class, and his teaching style is incredible and easy to follow and understand. In class examples helped me a lot such as practicing questions in class as a test review.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

More in class examples/review problems for test review

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Arup Guha

Number of Students Enrolled: 54

1. What did you like best about the course and/or how the instructor taught it?

Professor Guha continues to be a great professor in the subjects that he teaches. He has a clear understanding of the concepts and is passionate about teaching students. His respect for students and care for them always shines. He is a great asset to UCF's CS department.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

1. What did you like best about the course and/or how the instructor taught it?

You always made the class interesting

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

1. What did you like best about the course and/or how the instructor taught it?

Stimulated interest and challenged us.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Slowing down - though the pace was because of Irma

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COP3223H.0203 - HONORS INTRO PROG WITH C

Arup Guha

Number of Students Enrolled: 24

1. What did you like best about the course and/or how the instructor taught it?

Taught a lot more than was necessary.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Try to explain things for beginners in a way they can understand.

1. What did you like best about the course and/or how the instructor taught it?

How passionate he was about what he was teaching! If there was ever any confusion he was genuinely dedicated to clarifying and solving the problems with us.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

1. What did you like best about the course and/or how the instructor taught it?

I liked how Mr. Guha engaged the class, and talked about life skills and skills. I especially liked how you pointed out common mistakes that students made, and that we should look out for. Your advice of 3 programs a week is very useful, and very helpful. Overall, nicely done.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I know people probably are going to hate me for it, but practicing coding is probably the best way to improve, so I would advise requiring additional coding practice. That said, that means more grading, and you already offer practice code that's optional for your own improvement, so the system is good in that regard. But still, people are lazy, so you may want to force them to learn

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Computer Science, College of Engineering & Computer Science

COP3223H.0203 - HONORS INTRO PROG WITH C

Arup Guha

Number of Students Enrolled: 24

1. What did you like best about the course and/or how the instructor taught it?

I like that Professor Guha challenged us greatly since we were an honors class. We are going in to Computer Science 1 way more prepared and with more knowledge in multiple languages than any other kid taking Introduction to Programming. Sometimes it is daunting but ultimately I know it better prepared me for the future and I thank him for that.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Honestly I have no suggestions, he was my best professor in my first semester of college and one I will always remember.

1. What did you like best about the course and/or how the instructor taught it?

My favorite part about how he taught was a course website that housed all the information that was going to be tested, as well as notes and other examples for things we needed to learn.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

1. NOT adding extra things to the course framework (The class is about C only, we were taught C and C++) and a couple of CS1 topics 2. Having more class time for questions rather than very brief lectures. The majority of the course is self-taught, and unless you were very experienced and already knew most of the content before the lecture, the speed of the lecture left students lost, and there was little to no class time to alleviate confusion. This meant that if a student taught themselves (as all of us did), then the only time to ask any question was office hours, which were constantly switched or cancelled.

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COP3223H.0203 - HONORS INTRO PROG WITH C

Arup Guha

Number of Students Enrolled: 24

1. What did you like best about the course and/or how the instructor taught it?

Mr. Guha is charismatic and easy to pay attention to. The assignments require thought but have generous deadlines, making them very instructive. Tests generally require students to understand basic concepts, and challenge them to put these pieces together to create something new. This often requires the students to be somewhat creative, without requiring any genius-level bursts of insight.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

This course is supposedly an introduction to programming for beginners, but the great majority of the class consisted of students with substantial programming experience. This left the handful of students with no prior knowledge at a major disadvantage. Although there were measures to increase the requirements for students with prior knowledge, the course was still much more difficult for new programmers. The course is titled "Intro to programming with C", and I think this should be enforced. Perhaps through a computer science placement exam, the students with substantial prior knowledge should be put into another course, leaving the intro course for actual beginners. The purpose of taking this course is not made especially clear to students. Although obviously relevant for the computer science majors comprising the majority of the class, no attempt was to justify to the unfortunate physics or mathematics majors why they are required to take this class. This, in addition to the initial knowledge disparity mentioned earlier, makes it very difficult for non-computer science students to have any hope of doing well in the course or any interest in the field of computer science.

1. What did you like best about the course and/or how the instructor taught it?

You were very good at pushing our boundaries and forcing us to do things that we weren't comfortable with, which is a useful skill for those of us who want to go into the Computer Science field. I loved your energy when it came to coding, and that you taught us things that weren't exactly part of the curriculum, but that you thought would be useful for us to learn in case we encountered certain situations.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I feel that you were very lacking in providing help for students who did not have any coding experience, or those who were not understanding the material. Although you did push us to explore ourselves, it was very nerve-racking for those of us who were really struggling to catch up with the rest of the class. Regardless, you really pushed me, so for that, I am grateful.

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COP3223H.0203 - HONORS INTRO PROG WITH C

Arup Guha

Number of Students Enrolled: 24

1. What did you like best about the course and/or how the instructor taught it?

He was very clear as to what he wanted, and homework assignments were thought-provoking and although difficult, were fair and gave a good sense of accomplishment

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Be more helpful to students who are not used to programming and take it slower for harder topics

1. What did you like best about the course and/or how the instructor taught it?

Honestly a brilliant professor, but if you're a beginner, beware. You'll struggle if you don't program more often than the homework assignments force. Mr. Guha grades hard, but you learn a TON in his classes.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

More consideration for beginners that just want to take it honors, as I feel things could've been more friendly to us.

1. What did you like best about the course and/or how the instructor taught it?

He was clear and his homework was very useful for learning the course

2. What suggestions do you have for improving the course and/or how the instructor taught it?

About half the assignments he didn't grade till the very end, and it would have been nice to have feedback from them so that I could know the work I was turning in was formatted correctly. However, this is not a big deal and its ok considering he works on the programming team.

1. What did you like best about the course and/or how the instructor taught it?

strict grading on style

2. What suggestions do you have for improving the course and/or how the instructor taught it?

better updated notes if two languages are taught simultaneously

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Computer Science, College of Engineering & Computer Science

COP3223H.0203 - HONORS INTRO PROG WITH C

Arup Guha

Number of Students Enrolled: 24

1. What did you like best about the course and/or how the instructor taught it?

The professor was very good at explaining code and the principles behind it. Although I was sometimes a little lost in class, I always had the opportunity to ask questions or clarify my understanding with the online notes. I never felt as though there was material I would be unable to grasp.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

It would've been nice if the content for the course was posted on Webcourses as opposed to other websites.

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Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

He posts all his class notes online so rather than taking notes in class you can pay attention.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

MAke the test shorter, even though the material may not be hard a lot of people are slow test takers and when it comes to discrete math a lot of mistakes can be made. Even the professor makes a ton of mistakes while doing problems he's done before because they are done fast.

1. What did you like best about the course and/or how the instructor taught it?

It is a hard course that takes a lot of the students but the amount of assignments and work in recitation really helps balance it all out. The website Guha uses for the course is very easy to navigate and has all the information a student could possibly need.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Guha runs at 100 mph while most students struggle to keep up at 50 mph. Just need to slow down and allow tie for questions and material to sink in.

1. What did you like best about the course and/or how the instructor taught it?

(No response.)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Slow down when explaining something, also for the lab i think would be better if we review what we did in class instead of just solving problems

1. What did you like best about the course and/or how the instructor taught it?

How he treated us like adults and helped us solve hard problems.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

not too much. his style of teaching is pretty brilliant

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Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Arup taught primarily through his own lecture notes which he created while teaching. This meant he went through examples step by step.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

1. What did you like best about the course and/or how the instructor taught it?

Online made submitting my assignments on a time constraint much easier

2. What suggestions do you have for improving the course and/or how the instructor taught it?

n/a

1. What did you like best about the course and/or how the instructor taught it?

Very energetic and always made class enjoyable. Made it so that you wanted to go to class.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Although the "interactive" lectures were entertaining, personally I found myself learning less and retaining less from those lectures.

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Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

I very much enjoy the content that this course covers and it is a shame that Irma restricted the depth that we were able to cover certain areas. Given those time constraints I think Professor Guha did a wonderful job of covering and conveying the subject matter. It was especially effective when he was able to engage the entire class while teaching combinatorics.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Having the TAs do more than just supervise the recitations would be awesome. Granted, I can only speak of the TAs that I have heard from and only through the view of those who told me about them. Also, many of my group members expressed that they found the homework too difficult, while I did not share that view I did find the grading of the homework to be unfair or silly. But, overall the course was very good.

1. What did you like best about the course and/or how the instructor taught it?

He actually teaches.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Maybe better hand writing.

1. What did you like best about the course and/or how the instructor taught it?

Fun lecture style

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

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COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

He is a good professor, and has enthusiasm with Discrete Math. His exams are based on lectures in class. He used examples to let students understand lecture.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Some concepts are hard to understand

1. What did you like best about the course and/or how the instructor taught it?

His lessons

2. What suggestions do you have for improving the course and/or how the instructor taught it?

better grading system

1. What did you like best about the course and/or how the instructor taught it?

Very interesting subject, and lectures. Groups are a great idea

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Make sure TA's are able to assist students. Found the discussion a big waste of time

1. What did you like best about the course and/or how the instructor taught it?

Explains everything nicely

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Some of the homework assignments were too long

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Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

The professor was very passionate about the topic he was teaching. You could tell he enjoyed teaching this type of class. I also liked how the professor gave us access to previous years material. I loved having all the additional study resources to practice for tests and get help with homework.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

We did not have enough quizzes to allow for a good average on the final grade. I think with the amount of homework given in this class along with the demand to meet in groups at least once a week, studying for quizzes in between is too much. The professor tends to get distracted easily in class, which became frustrating when we still needed to learn concepts but we did not have time to cover those topics in class, but other students would purposely distract the professor hoping we wouldn't have to learn everything. It was just frustrating to those who actually wanted to learn.

1. What did you like best about the course and/or how the instructor taught it?

The intensity of the course made it so i learned a ton

2. What suggestions do you have for improving the course and/or how the instructor taught it?

taking more time in teaching the concepts, slowing down

1. What did you like best about the course and/or how the instructor taught it?

Everything was great and clear.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Nothing.... keep everything as it is

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Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Professor Guha did an excellent while lecturing on the topic of Probability/ Discrete Random Variables/ Expected Value. He used a set of die and a game of chance to help teach the concepts.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

My suggestion actually has very little to do with Professor Guha. He's obviously a great asset to this institution and the Computer Science program specifically. He's a busy professional with a lot of students to cater to and there is simply no way he could perform as the most effective lecturer for every type of learner. That being said he does have a tendency to assume his students know more than they do. In a course, whose pre-requisites are college algebra and trigonometry I found it strange that he was using concepts not taught, in most texts, until Calculus 2 and implementing them in his problem sets. Of course, the fact that this course is unusually difficult for most students is the very same reason that the SARC allocates an SI instructor specifically for it. It's a great resource and I was thankful to have it at my disposal...but, whether or not a instructional resource is effective is proportionate to the effectiveness of the instructor. In my case, the SARC instructor was mediocre and on several occasions seemed unable to answer our questions, forcing me to research my question on the internet. This lack of experience as an instructor was also true of my TA. I can't expect that that a teacher's ASSISTANT or a SUPPLEMENTAL instructor be MORE proficient at instructing than the primary instructor himself. Though, it would be nice to, at minimum, feel as if they were genuinely interested in helping and not as if we were some burden to them. I can only say that throughout the course, I found myself wishing for more. The only suggestion I can offer here would be to increase the amount of coaching/ mentoring from the primary instructor to the junior instructors. At the end of the day, Professor Guha could have simply given us access to his course website with all the written and typed notes and all the archived course material, cancelled lecture/ labs and SI's and at the very least my grade would have remained the same as it is now.

1. What did you like best about the course and/or how the instructor taught it?

The instructor seems very knowledgeable and has tons of interest in the subject.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Include more in-depth explanations about subjects that students find confusing.

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COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

The best thing about this course was the groups. I learned a lot during out spare time together and helping each other out.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Don't teach this class as if we are all majoring in Discrete Structures. This is a very difficult class. You should teach it as if none of us have every heard of the subject. Grade in a way that is able to reflect grades in real times for students. This increases anxiety about their own grade is they are unsure if they are reaching close to a grade danger zone. Also, getting feedback on our own homework assignments would be better before an exam. I understand that you want to teach at a higher level, but teach a little slower. At times you teach so fast, it is hard to keep up.

1. What did you like best about the course and/or how the instructor taught it?

The instructors excitement and enthusiasm for maths.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Lengthen the course to at least a two hour lecture to provide adequate time to cover the material in depth and without too much of a time constraint.

1. What did you like best about the course and/or how the instructor taught it?

Lecture notes are put online which is nice when he goes fast

2. What suggestions do you have for improving the course and/or how the instructor taught it?

He doesnt cover why things happen. He is good at showing a step by step process for problems but not why

1. What did you like best about the course and/or how the instructor taught it?

Very smart guy, incredibly prepared.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

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COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Excellent lecturer, always relating the topic to real world scenarios. Furthermore, he had all of his past homework assignments, lectures, exams, recitation sheets, etc online for our convenience.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

There wasn't enough time for the homework. Some homework assignments only allocated like four to five days to complete it. Not all of us are rich college kids having all of our bills paid by our parents while we get drunk and high during the weekends. I worked 30+ hours a week, Friday thru Sunday, leaving the house about 2pm and getting home about 4am. In addition, I took four other classes, each with their own requirements.

1. What did you like best about the course and/or how the instructor taught it?

I think you're obviously one of the most brilliant professors I've seen in a while, and you clearly grasp what you're teaching super well, which I can't say about all my professors, unfortunately.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

This class was super tough for me at first. I suppose the special grading scale evens everything out though, and I understand why you design the class to be tough and then curve at the end. There were times when I was very annoyed that I had to take this class as a CS major, but I understand it more now. This review probably would be a lot more severe if written in October. A few small suggestions: I'd ditch the warm up problems in recitation. My group never bothers with them, and there's hardly enough time to get through the important problems. You guys shouldn't waste your time writing warm up problems we aren't going to bother to do. Plus my recitation was always immediately after the lecture so I was plenty warmed up. The homework is so, so long. I'd always do it on one day of the week and it was my least favorite day, every week. I understand giving difficult questions to work on at home, so I'd recommend simply reducing the number of problems or doing a special points thing, where perhaps you can get full credit by doing 80% of the homework, for example. I'd also suggest leaving off the mini research assignments at the end of each homework. I get that they are supposed to be for easy points, but I don't feel that they add much to the course and they make already-rough homework even more tedious. Perhaps they could be worth very small amounts of extra credit instead.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

The instructor asks high end difficult questions that really shows the extension of the course in study. He doesn't just encourage but requires students to work together in a study group. Arup is insanely energetic and enthusiastic about what he teaches. He also has a large amount of resources to look at for reference.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Clearer grading criteria, the difficulty of the tests given gave poor feed back. It made me unaware of whether I learned anything or what I need to improve on. He is good at teaching but I don't feel he appropriately gives examination.

1. What did you like best about the course and/or how the instructor taught it?

(No response.)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Please slow down in class lectures to explain, in greater detail, what steps you are taking. I feel like you go over the material so quickly and you don't wait for your students to catch up and comprehend what is going on. I'm sure that you probably assume that the recitation sections will assist the students better than the lectures in understanding the material, but the TA who taught my recitation section was very poor at explaining the material and was actually very nervous and lacked confidence, and it was very easy for students to catch a mistake and take time out of the short recitation. So once again, please slow down. This is one of the most difficult classes in the major because it introduces new material and ways of thinking that most people are not used to, and its not very easy for them to grasp. Overall, the class was organized very well and lots of supplemental material was provided.

1. What did you like best about the course and/or how the instructor taught it?

he's enthusiastic of coding.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

more examples of problems and more time going over those examples asking questions.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

nothing

2. What suggestions do you have for improving the course and/or how the instructor taught it?

nothing

1. What did you like best about the course and/or how the instructor taught it?

He enjoyed the subject himself which made it easier to enjoy it with him!

2. What suggestions do you have for improving the course and/or how the instructor taught it?

NA

1. What did you like best about the course and/or how the instructor taught it?

The speed of teaching.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

No suggestions.

1. What did you like best about the course and/or how the instructor taught it?

The Instructor was upbeat

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

I enjoyed the material itself most.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I am not completely sure how to improve the class, the material is difficult and people fail. I would suggest that test grading be checked over, both of my test grades needed to be fixed after I pointed out where I had lost more points than necessary.

1. What did you like best about the course and/or how the instructor taught it?

I liked his ability to explain the topics that we need to. I appreciated his online notes and old material.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I feel like I understood many of the concepts that were presented, but failed to demonstrate this to the instructor because many of his problems defaulted to algebra problems. Induction, for example, I feel like I understand, but did terrible on most of the problems presented to me, because I got stuck on the algebra after I applied the inductive problem.

1. What did you like best about the course and/or how the instructor taught it?

I thought the instructor did a good job lecturing, and I REALY APPRECIATE the online archives. Problems in this course are sometimes difficult and the extra practice really helps.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

The group concept didn't really work out for me. My group members never wanted to meet, and were completely unenthusiastic about the whole experience. Other than that, everything worked out.

1. What did you like best about the course and/or how the instructor taught it?

Proffesor Guha manages to keep the class very engaging with his enthusiasm

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Professor Guha is amazing and I enjoy the method he taught in the class

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Give more challenge question in the lab, assignment, quiz and test

1. What did you like best about the course and/or how the instructor taught it?

interesting course and well taught

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

1. What did you like best about the course and/or how the instructor taught it?

Passionate about subject matter. High class participation.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Discrete Structures is my favorite subject.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

The instructor has an obvious and asinine bias towards the Java programming language when he knows very well that the majority of his students have not yet taken the Java course. I suggest he drop his preoccupation with a simple language so that he can more effectively instruct confused students who are seeking actual understanding of CS concepts. Additionally, the homework load in this course is absolutely unreasonable. My understanding of the material is effectively perfect and my grade is stellar, and yet weekly assignments were taking me upwards of ten hours to complete. The first few problems guided my understanding, but the rest of them only made me angry and wasted my time. My teammates, who understood the material less, simply gave up hope of being able to complete the homework assignments halfway through the course. The course load does not encourage students to seek understanding- it only fosters learned helplessness.

1. What did you like best about the course and/or how the instructor taught it?

Very honest.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

1. What did you like best about the course and/or how the instructor taught it?

Instructor very smart.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Don't allow bad students to take class.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

The way he would actively write up notes in front of the projector and make them accessible online for us as well

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Evaluate TAs better for recitation. Our particular TA made going to the recitation useless because they would not teach the material effectively when required and had little knowledge of how to communicate solutions effectively so that the students understand. This was a common sentiment amongst fellow students for this TA.

1. What did you like best about the course and/or how the instructor taught it?

Guha's enthusiasm about learning is what draws me in to some of his lectures. I always enjoy the dorky moments he shows us when he's excited about a particular subject or example in class.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Overall, the material is pretty difficult, mainly because most of us haven't taken a discrete/proofs based class before. I think providing ample examples (we need more of what will be on the test) will help the students a lot more than proving an equation for 30 minutes and wasting some of that class time that could have been used to cover another difficult example that may be on the exam. I think this may be because Guha gets excited about certain concepts, but it takes away from how we'll do on the exams (although I occasionally enjoy the breaks from the examples so I don't know). One of the biggest things that I had a problem with was communication of the level of difficulty of the exams. For the first exam, I got an above average grade (C+ range), but for the second one, there was definitely not enough time for all of the questions to be finished and anxiety was at an all time high because of the lack of planning on Guha's part. Granted, Guha curves the exams, but a lot of us are not good test takers and should not be punished for that by making the exam extremely long. This was a big issue that I had with this class.

1. What did you like best about the course and/or how the instructor taught it?

n/a

2. What suggestions do you have for improving the course and/or how the instructor taught it?

n/a

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

He was interactive and awesome. His teaching style is fantastic and I learned a lot from him.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

None. Go Arup! Go Donald Trump!

1. What did you like best about the course and/or how the instructor taught it?

Example oriented.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Explains things a bit too fast to follow at times.

1. What did you like best about the course and/or how the instructor taught it?

The longer I was in his class, the more respect I had for him as a person, mathematician, and instructor. I'm not doing perfectly in the class by any stretch of the imagination, but the way that he's organized things both in the classroom and outside of it, the transparency and application of his educational philosophies, and the encouragement to engage with the community at large is inspired.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

TAs provided very very little feedback on homework assignments and test feedback was 99% points and nothing else. That said, it's a huge class and individual feedback is difficult, even with TAs, but I know that myself and a number of people wished that the TAs had been able to put more attention into their work as TAs rather than just graduate students.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Good lectures.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

He had some pretty poor choices for test questions. It wasn't that they were too difficult but just too long for the time period give for completing the test. Wasn't an adequate reflection of student knowledge

1. What did you like best about the course and/or how the instructor taught it?

Professor Guha really knows the subject well and effectively communicates his knowledge.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I think the labs should be more like a mini lecture rather than a problem solving session. The noisy environment made it difficult for me personally to work through problems effectively, I did not get much out of the recitations.

1. What did you like best about the course and/or how the instructor taught it?

Archive of past material was useful.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

More time for the homework would have been helpful.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Professor Guha is a brilliant professor and his passion for the course shows. His assignments are challenging and expect a degree of critical thinking which I think is important to higher education. The amount of creativity both in his lectures as well in his assignments is what i liked best about the course.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

The recitation seemed like nothing more than baby sitting. The course demands a high work load and I found that the recitations distracted from getting the work done and offered very little help in improving my understanding of the course. I do feel that the TA played a role in this experience so other students may have had a different experience. As a way to improve this I would probably ask for a longer lab that allowed for more time to dig in to the content and perhaps allow for open discussion.

1. What did you like best about the course and/or how the instructor taught it?

great teacher

2. What suggestions do you have for improving the course and/or how the instructor taught it?

great teacher

1. What did you like best about the course and/or how the instructor taught it?

He was very vocal about what he was doing on the projector. He puts the notes inline so we can look at what happened in lecture at home. He is willing to work with you outside of class and gives feedback on the hw assignments.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I wish he did more examples on some topics, but he did a great job in most topics.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3100C.0002 - INTRO TO DISCRETE STRUCTURES

Arup Guha

Number of Students Enrolled: 239

1. What did you like best about the course and/or how the instructor taught it?

Tried to use real life examples, when teaching.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

For an Intro level class, the professor expects high computational thought on day one. Coming out of calc 1 as a prereq math must be a strong suit to pass this class. As far as suggestions... some sort of project would be nice to break up grades between homework and exams. The extra credit assignment was nice, just something more pertaining to the course would have been helpful.

1. What did you like best about the course and/or how the instructor taught it?

I liked the lecture notes, they were always interesting and were very helpful when it came time to do the homework.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I would suggest making the homework due date consistent. Sometimes it was due on Fridays, sometimes it was Sunday or Monday. It just led to some confusion and made it difficult to plan when our group was meeting up (as most of us had to work during the week and couldn't meet until weekends). I also didn't like the amount of warm up questions for the recitation. I feel like instead of the warm up questions, we could've had more actual questions that pertained to class content. It would have been more helpful when it came time for exams. I like the idea of warm up questions, but instead of half of the questions being warm ups, I would suggest only the first two.

1. What did you like best about the course and/or how the instructor taught it?

Cool concepts

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Talk a bit slower. Also I like the examples, but spend a bit more time on teaching the actual concepts before hitting us with all the applications.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

I'm happy I passed

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I'm happy I passed

1. What did you like best about the course and/or how the instructor taught it?

it was an exam I took a year and a half ago

2. What suggestions do you have for improving the course and/or how the instructor taught it?

It's already completely different from when I took it

1. What did you like best about the course and/or how the instructor taught it?

It was a fair exam

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I might remove the exam requirement. I think passing the courses should suffice as having the knowledge needed.

1. What did you like best about the course and/or how the instructor taught it?

Great exam I'm glad it's over.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Removing the foundation exam could be a good idea due to the bias of examination. One exam should not justify one's whole carrier. Also if the test is to be enforced still, it should be made available to be taken unlimited amount of times, as it used to be. I believe that a hard working student deserves the opportunity to keep trying and struggling until eventually the difficult concepts of CS sink in his/her brain and he/she becomes a great programmer.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

They took out discrete. Easy.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Put discrete back in. It's too easy without discrete.

1. What did you like best about the course and/or how the instructor taught it?

N/A

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

1. What did you like best about the course and/or how the instructor taught it?

(No response.)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

More helpful feedback than good general test taking strategies is needed for the foundations exam. Also, when I sat down one on one with Arup Guha to go over my past foundations exam he was 15 minutes late to the meeting, he seemed like he was rushed and didn't really have time for me, and the feedback I got was things I could deduce just by practicing the problem over again.

1. What did you like best about the course and/or how the instructor taught it?

Nothing, not a class

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Nothing, not a class

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

THIS ISN'T EVEN A CLASS.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

THIS ISN'T EVEN A CLASS.

1. What did you like best about the course and/or how the instructor taught it?

The fact that I passed

2. What suggestions do you have for improving the course and/or how the instructor taught it?

None, the format of the foundation exam is just fine

1. What did you like best about the course and/or how the instructor taught it?

Not applicable. Foundation Exam. It was challenging to say the least!

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Not applicable.

1. What did you like best about the course and/or how the instructor taught it?

I had excellent training from Guha and Szumlanski, I wish i had them in my 4000 levels

2. What suggestions do you have for improving the course and/or how the instructor taught it?

I wish that CS1 and Discrete are more adapted to different languages then C

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

Wasnt a course

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Wasnt a course

1. What did you like best about the course and/or how the instructor taught it?

I'm glad I passed the foundation exam.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Thank you UCF for providing the academic resources so that I could adequately prepare.

1. What did you like best about the course and/or how the instructor taught it?

This is a test.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

This is a test.

1. What did you like best about the course and/or how the instructor taught it?

It was just a test.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

N/A

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

1. What did you like best about the course and/or how the instructor taught it?

It was a good.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

n/a

1. What did you like best about the course and/or how the instructor taught it?

Love u arup <3

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)

1. What did you like best about the course and/or how the instructor taught it?

Practical

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Practice examples

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

N/A

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

1. What did you like best about the course and/or how the instructor taught it?

Place holder for FE.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Place holder for FE,

1. What did you like best about the course and/or how the instructor taught it?

The foundation exam is key and keeping it only about CS is perfect. Please keep this!

2. What suggestions do you have for improving the course and/or how the instructor taught it?

The foundation exam is key and keeping it only about CS is perfect. Please keep this!

1. What did you like best about the course and/or how the instructor taught it?

always on time

2. What suggestions do you have for improving the course and/or how the instructor taught it?

bring back discrete. jk.

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

N/A

2. What suggestions do you have for improving the course and/or how the instructor taught it?

N/A

1. What did you like best about the course and/or how the instructor taught it?

I like how the classes leading up to the foundation exam were so hard that it made the exam easy.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Disclose the common mistakes people were having on each problem so that both professors and students can know what to work on to make for better grades in the coming foundation exams.

1. What did you like best about the course and/or how the instructor taught it?

It was easy.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Stop making the exam so easy. There's so many incompetent people that are able to pass and that totally ruins the whole point.

1. What did you like best about the course and/or how the instructor taught it?

Just a test

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Just a test

University of Central Florida's Student Perception of Instruction, Fall 2017 (1610)

Computer Science, College of Engineering & Computer Science

COT3960.0001 - CS FOUNDATION EXAM

Arup Guha

Number of Students Enrolled: 168

1. What did you like best about the course and/or how the instructor taught it?

Not an actual course. :)

2. What suggestions do you have for improving the course and/or how the instructor taught it?

Not an actual course. :)

1. What did you like best about the course and/or how the instructor taught it?

Good assessment for knowledge of CS.

2. What suggestions do you have for improving the course and/or how the instructor taught it?

More review materials

1. What did you like best about the course and/or how the instructor taught it?

10/10 would smash

2. What suggestions do you have for improving the course and/or how the instructor taught it?

(No response.)