

Student comments for Arup Guha, dmarino@ucf.edu

In this report of student comments, each student's comments are presented together in order in response to the following questions. If a student left no comments then nothing appears in this report from them.

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- 1) The thing(s) I like the MOST about this course
 - 2) The thing(s) I like the LEAST about this course
 - 3) What is your reaction to the method of evaluating your mastery of the course (i.e., testing, grading, out of class assignments (term papers), instructor feedback, etc.)
 - 4) Additional comments and suggestions for improvement

Instructor Name: Arup Guha

<u>Computer Science/College of Engr & Comp Sci</u>	<u>COT4210C001</u>	<u>DISCRETE STRUCTURES II</u>
Department/School	Course-Section Number	Course Name
<u>28</u>	<u>22</u>	<u>78.57</u>
Number of Students Enrolled	Number Responding	% of Response

- 1) Collaboration on homework
 - 2) A lot of classes ended early after learning a general overview of the section that day. Maybe lengthen the class by doing more examples and proofs to get students more prepared for the tests.
 - 3)
 - 4)
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- 1) The different computation methods.
 - 2) I can't really complain.
 - 3) Arup broke down everything into simple terms and what I couldn't figure out during the lecture I was able to figure out by playing with it on my own.
 - 4)
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- 1) I like how the professor came up with real life examples to the concepts that we learned in class.
 - 2) I felt like this course needed more examples to the concepts learned.
 - 3)
 - 4)
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- 1) Every time I have taken a class with Arup I can expect 2 things, to learn, and that it will be very difficult. This class was no exception although he offered countless opportunities to get help when struggling.
 - 2) No complaints
 - 3) Excellent
 - 4)
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- 1) As I've said before, CS courses tend to be truly fascinating to me, and this one definitely takes the cake. Professor Arup Guha had a strong grasp of the material (and when he didn't, he made sure to let us know beforehand) and made very abstract ideas seem concrete and understandable. More than anything, I really enjoyed learning this material, largely due to Professor Guha's presentation and bottom-up constructions of ideas.

- 2) There was a time when Professor Guha announced that we would be skipping a chapter (Ch. 6 of the text, I believe) because he didn't know it well enough to teach. This was completely understandable, and I'll be happy to tackle the chapter during independent study, but I do wish that it could have been included as part of the curriculum. Aside from that, everything was gravy.
 - 3) Professor Guha's thorough annotations on returned tests/homework truly assisted me in studying for future exams. I greatly appreciated the amount of effort that went into this.
 - 4) Professor Guha asked the class at the beginning of the semester if they wanted any programming assignments, and I was one of two students total who raised their hands. I appreciate that he wanted to honor the majority of the students' wishes, but honestly I would have liked to tackle a difficult logic-theoretic problem in a programming assignment. Maybe next time he should just bring the hammer down on the students, considering they ARE Computer Science majors?
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1) Best instructor/professor in the Computer Science Dept.

- 2)
 - 3)
 - 4)
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- 1) Great mathematical approach to computer science
 - 2) Programming in a mainly math class - just kidding
 - 3) Very fair
 - 4) N/A
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- 1) the community service option for homework. the p and np sections, as these types of problems appeal to me more than the rest of the material that was taught in the class
 - 2) the beginning sections are boring, not at any fault of the instructor though.
 - 3)
 - 4) i agree that the class could probably use more code in it. i dont know about other people, but i tend to learn better when i can see the code clearly in front of me. i think one thing i would have enjoyed doing at first would be to start off coding out an emulator for DFA/NFA and then move up through the machines. i realize this might take up a quite a bit of time, but when i tried to do it on my own, it actually didnt take that much effort to get a DFA emulator up and running.
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- 1) I like Arup's teaching style and find material he presents easy to learn. The first half was somewhat fun, but the second half was brutal and I never thought I would dislike Discrete Maths.
- 2) I think perhaps less time should be spent on the first half of the semester which was fairly easy and more on the latter half with all the proofs. I know it's hard to teach how to go about proving things but I think some more novel examples should be done in class, rather than the ones that are already in the book. Seeing the process of where to go with the proof is more helpful than seeing the really complex proofs that we would never even be asked about, like the reduction from 3 SAT to SUBSET-SUM (not really a proof but a good example). I think it would be easier to understand everything if we are given more practice in the proving side of things rather than the proof that what we are using is what we say it is. Like that SAT is NP-complete. That proof was enormous and who will actually remember that in the future? I think having a sound base in using it is much more important.

- 3)
- 4) Some way to help those that don't "see" the proofs would be nice. Other than that, I think the course was taught very well and I understand everything enough to be able to explain the subject to others and to use it in the future, with the book close by.
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- 1)
- 2) Cancelling class for close to 20% of the summer negatively affected the continuity of the course. Instructor became slower and slower at grading as the term progressed.
- 3) Having 25 percent of the class grade possibly determined by extra-credit and an essay might be excessive for a 4000-level class. Maybe consider having (group?) projects instead?
- 4) Instructor seemed a little absent minded for the last half of the class. Please remember to come to class on time and prepare ahead for lectures!
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- 1) I liked the book for this class. It was very well written.
- 2) I didn't like how you only used examples from the book. It felt like there was no point in coming to class since I could just read the lesson from the book. I also didn't like other students teaching the class. I didn't really learn anything on the days that the students taught the class.
- 3) I feel that the tests would have been a lot easier to study for if you had done some practice problems with us the day before the test. Some of the questions on the homework assignments were a little difficult.
- 4) I wish your test reviews were a little more than just summaries of the chapters. I would have felt more prepared for the test if you had done practice problems with us on test review day.

Instructor Name: Arup Guha

<u>Computer Science/College of Engr & Comp Sci</u>	<u>COT3960C001</u>	<u>CS FOUNDATION EXAM</u>
Department/School	Course-Section Number	Course Name
<u>22</u>	<u>15</u>	<u>68.18</u>
Number of Students Enrolled	Number Responding	% of Response