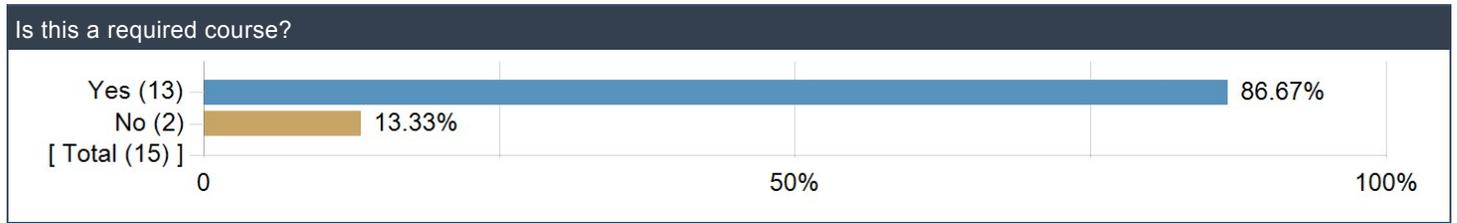


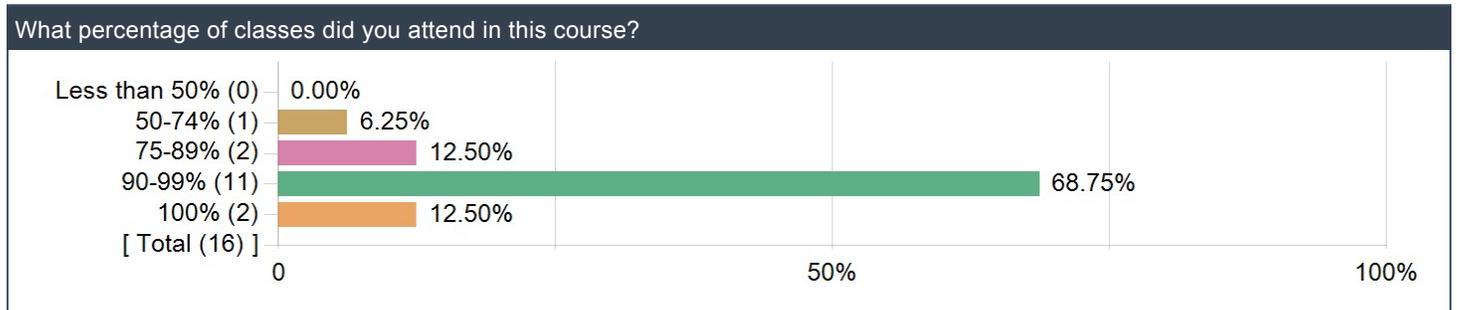


Individual Report Fall 2021 for 20221056356-Evolutionary
Computation (James Hughes)

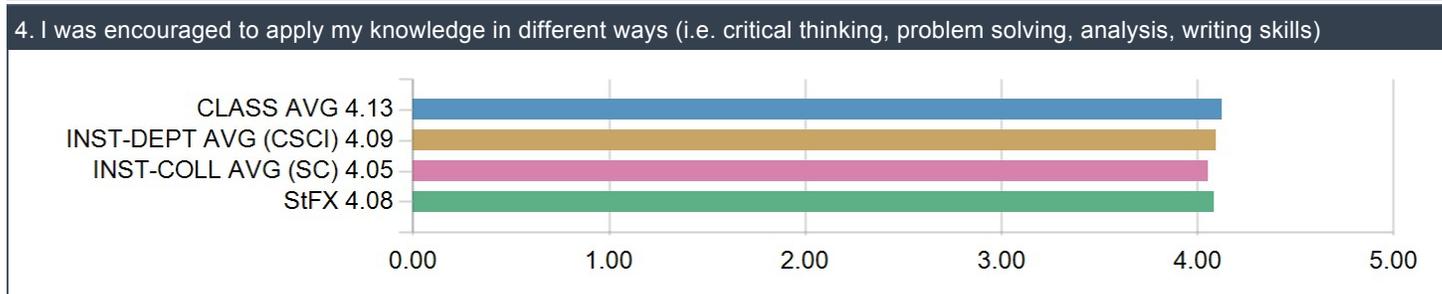
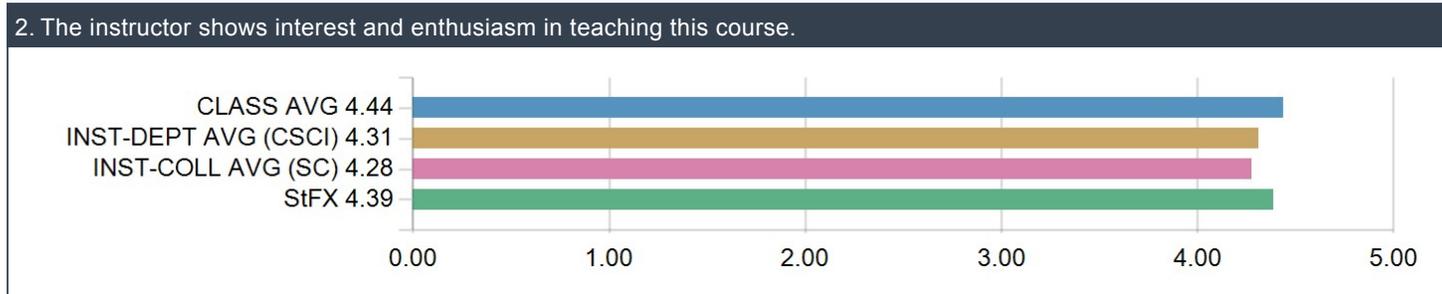
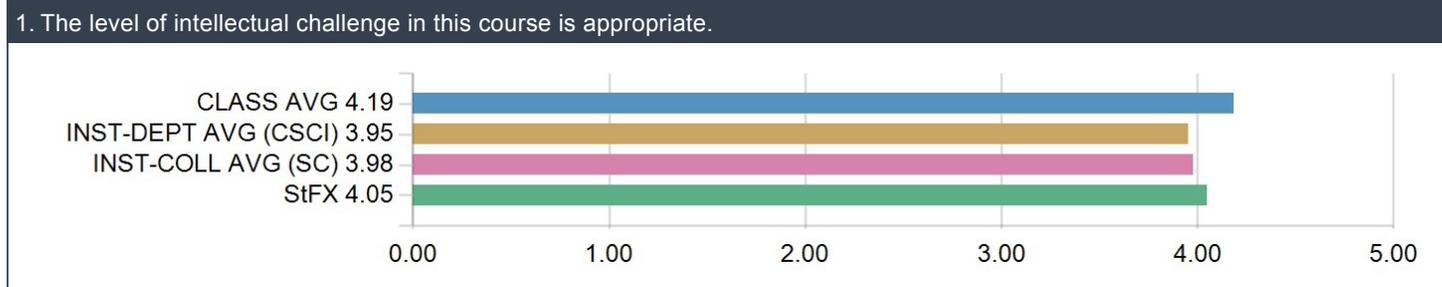
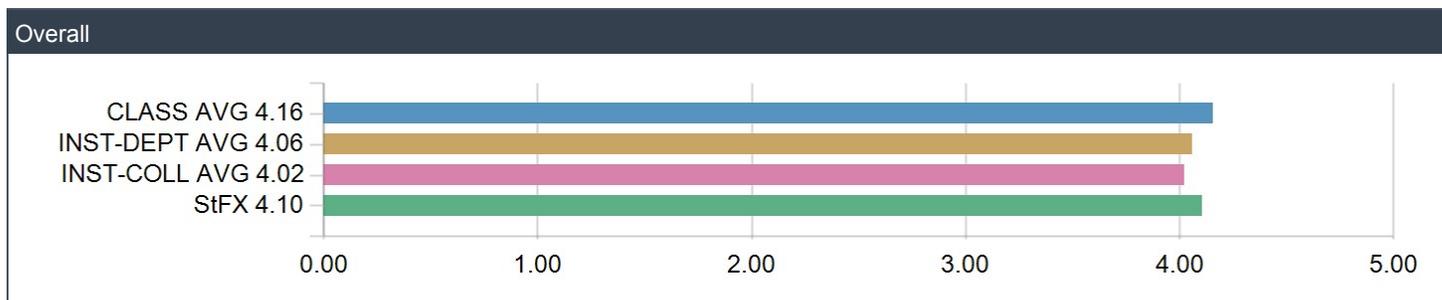
Is this a required course?



What percentage of classes did you attend in this course?



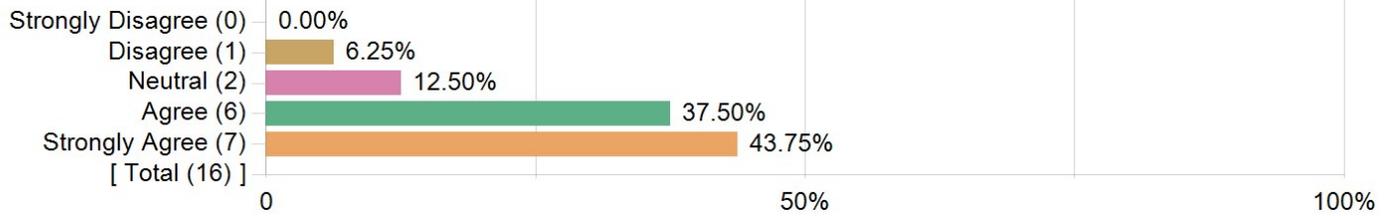
Stimulation and Challenge



Stimulation and Challenge

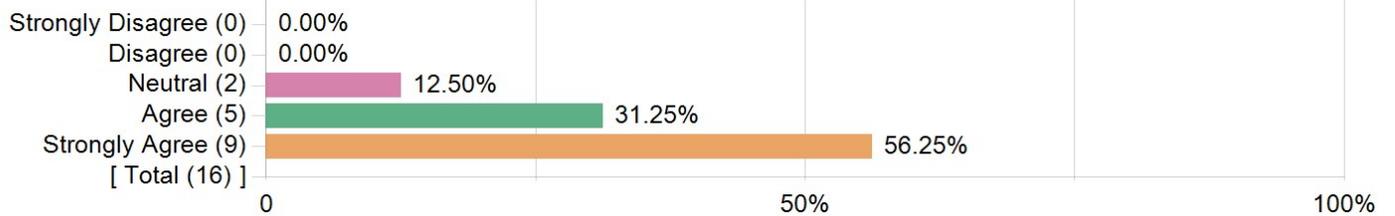
Overall	Value
Mean	4.16
Median	4.00
Standard Deviation	1.00

1. The level of intellectual challenge in this course is appropriate.



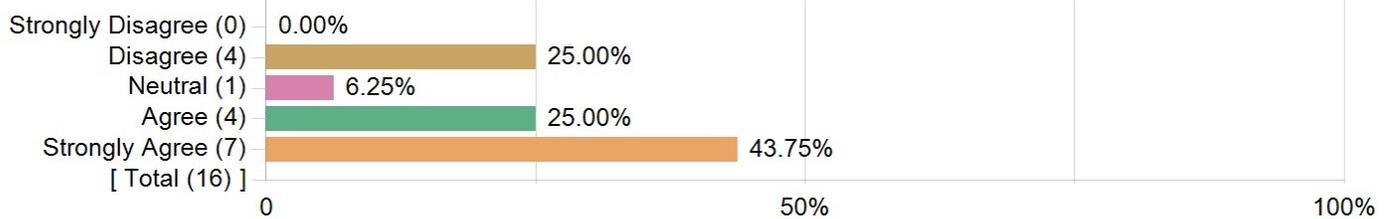
Statistics	Value
Mean	4.19
Median	4.00
Standard Deviation	0.91

2. The instructor shows interest and enthusiasm in teaching this course.



Statistics	Value
Mean	4.44
Median	5.00
Standard Deviation	0.73

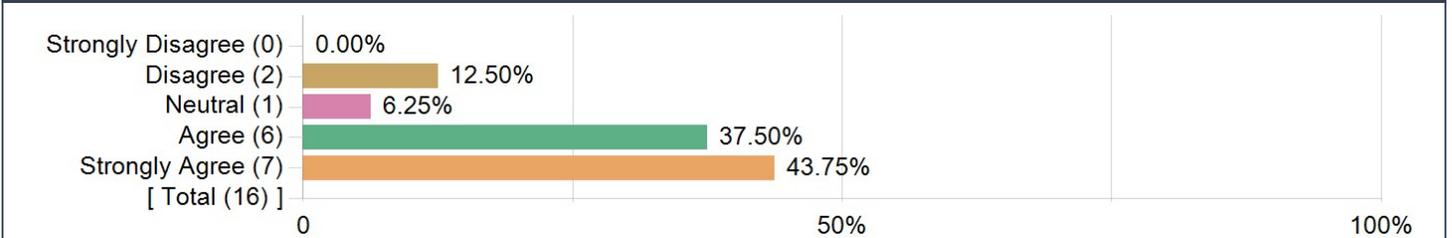
3. The instructor stimulated my interest in this subject area.



Statistics	Value
Mean	3.88
Median	4.00
Standard Deviation	1.26

Stimulation and Challenge (continued)

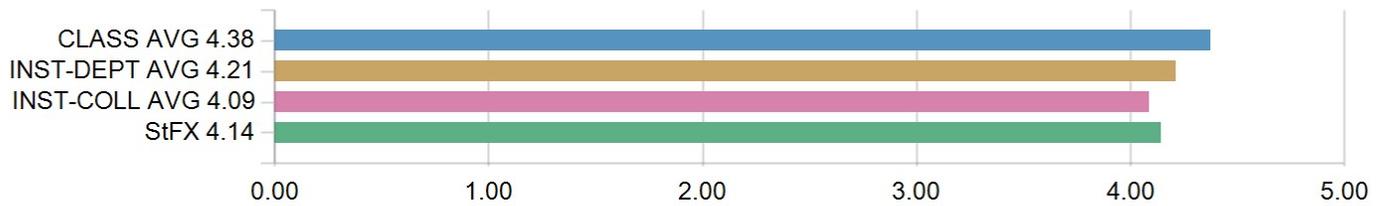
4. I was encouraged to apply my knowledge in different ways (i.e. critical thinking, problem solving, analysis, writing skills)



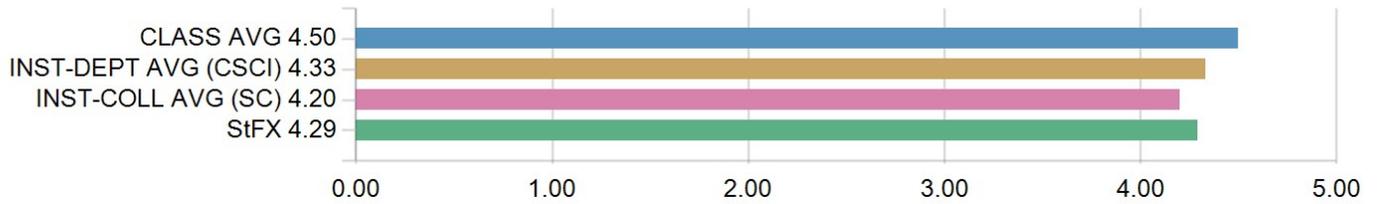
Statistics	Value
Mean	4.13
Median	4.00
Standard Deviation	1.02

Instructor Communication

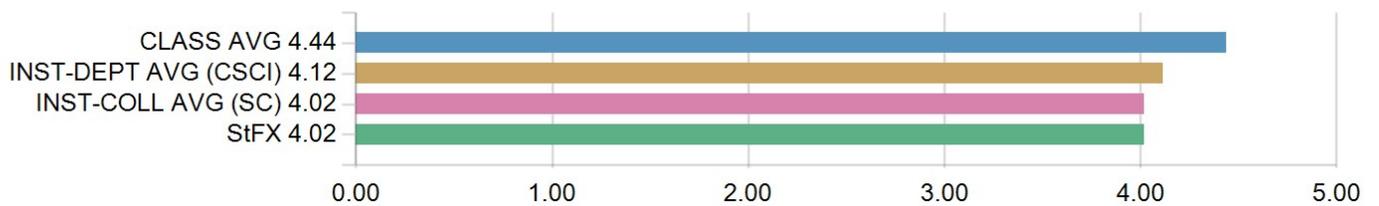
Overall



1. The instructor makes students feel free to ask questions and express their ideas.



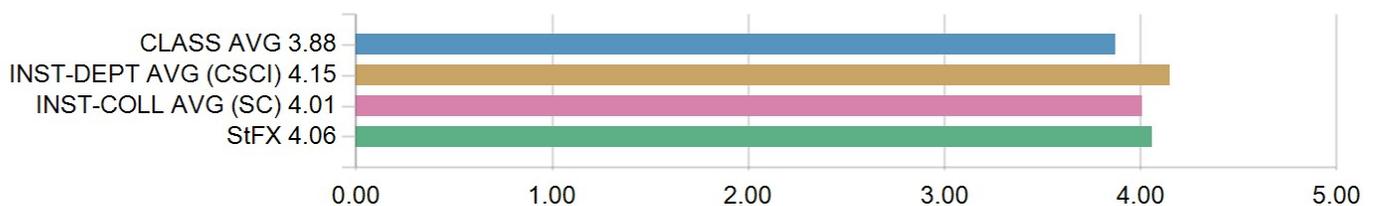
2. The criteria for assessment are clearly communicated to students.



3. The instructor's communication skills (volume, enunciation, speed, tone, vocabulary) are appropriate for the course.



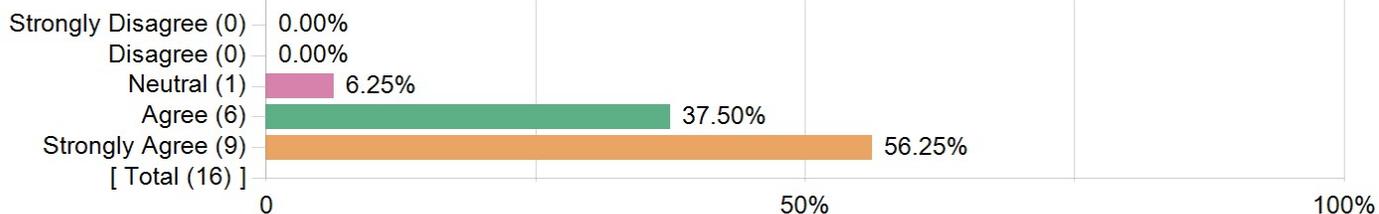
4. The instructor is effective in organizing and presenting the course materials.



Instructor Communication

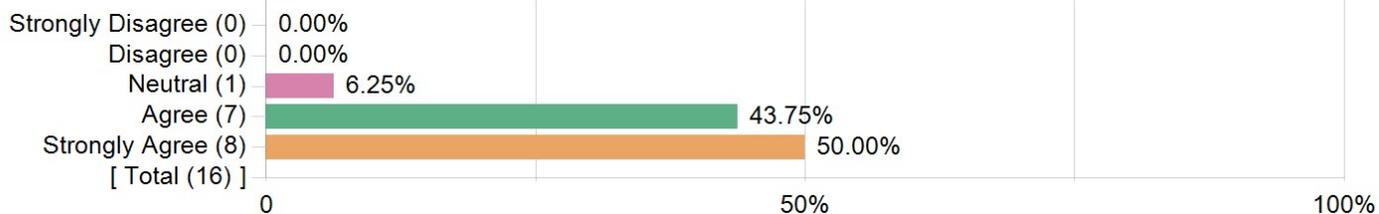
Overall	Value
Mean	4.38
Median	5.00
Standard Deviation	0.93

1. The instructor makes students feel free to ask questions and express their ideas.



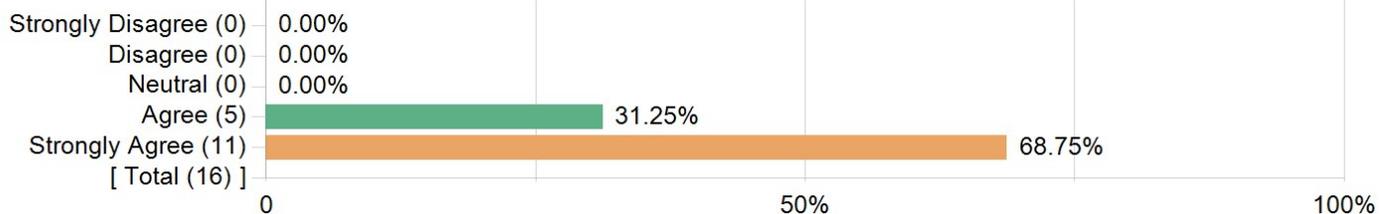
Statistics	Value
Mean	4.50
Median	5.00
Standard Deviation	0.63

2. The criteria for assessment are clearly communicated to students.



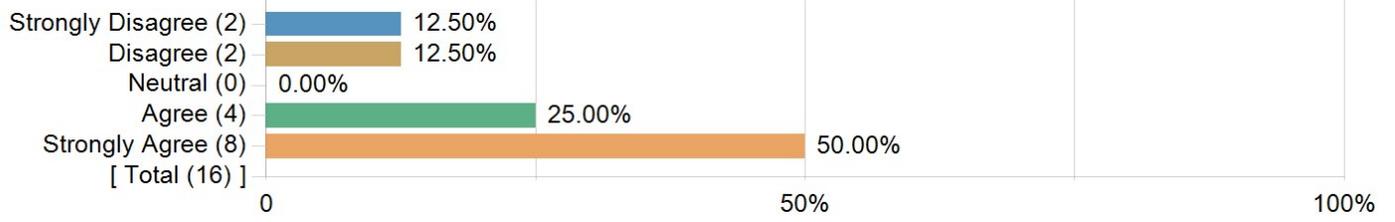
Statistics	Value
Mean	4.44
Median	4.50
Standard Deviation	0.63

3. The instructor's communication skills (volume, enunciation, speed, tone, vocabulary) are appropriate for the course.



Statistics	Value
Mean	4.69
Median	5.00
Standard Deviation	0.48

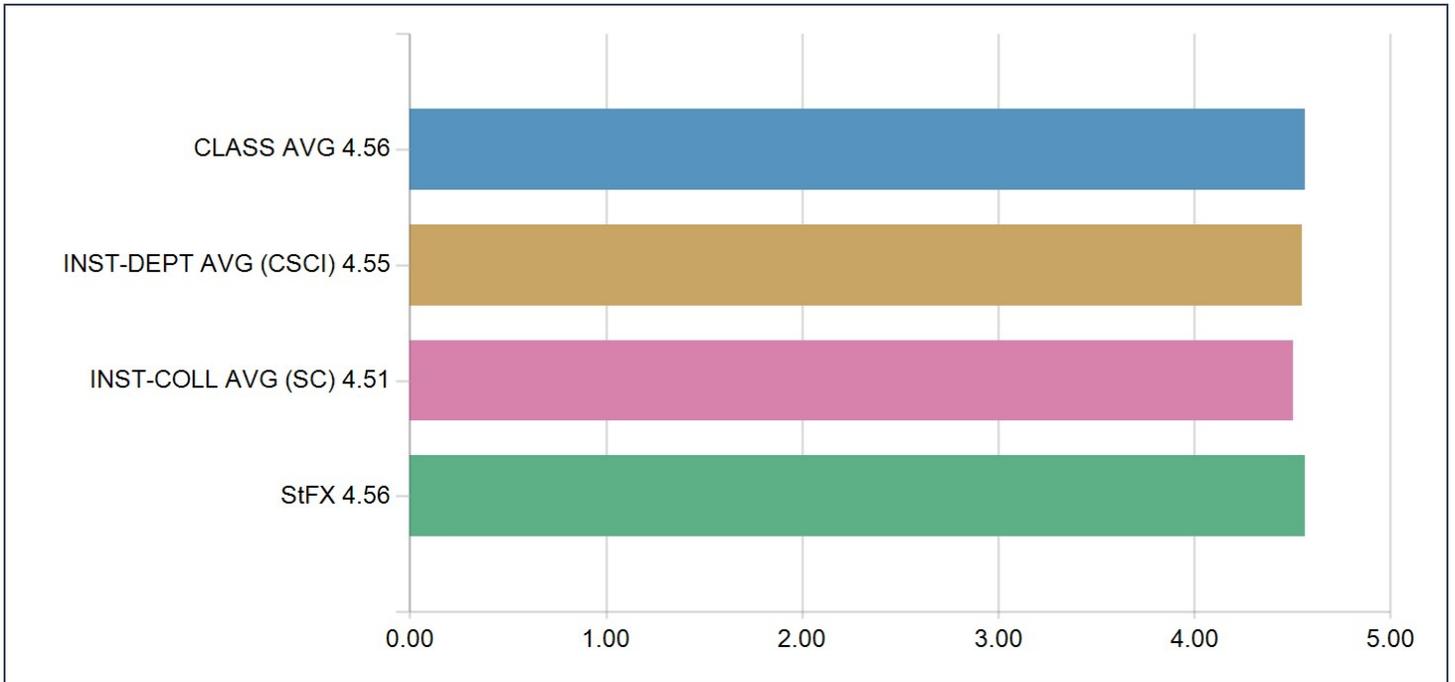
4. The instructor is effective in organizing and presenting the course materials.



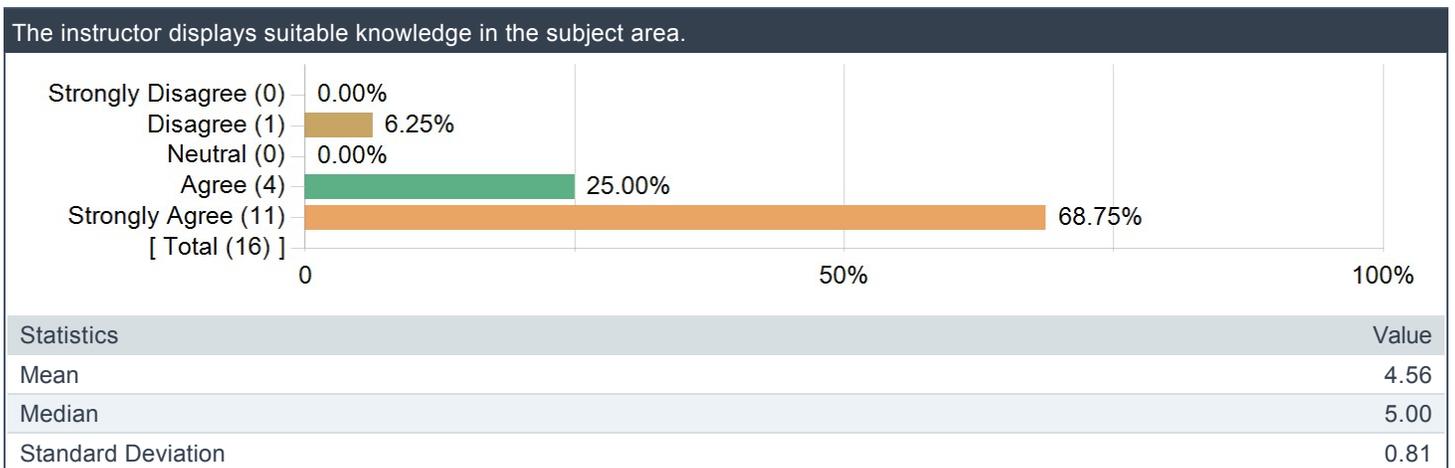
Statistics	Value
Mean	3.88
Median	4.50
Standard Deviation	1.50

Instructor Communication (continued)

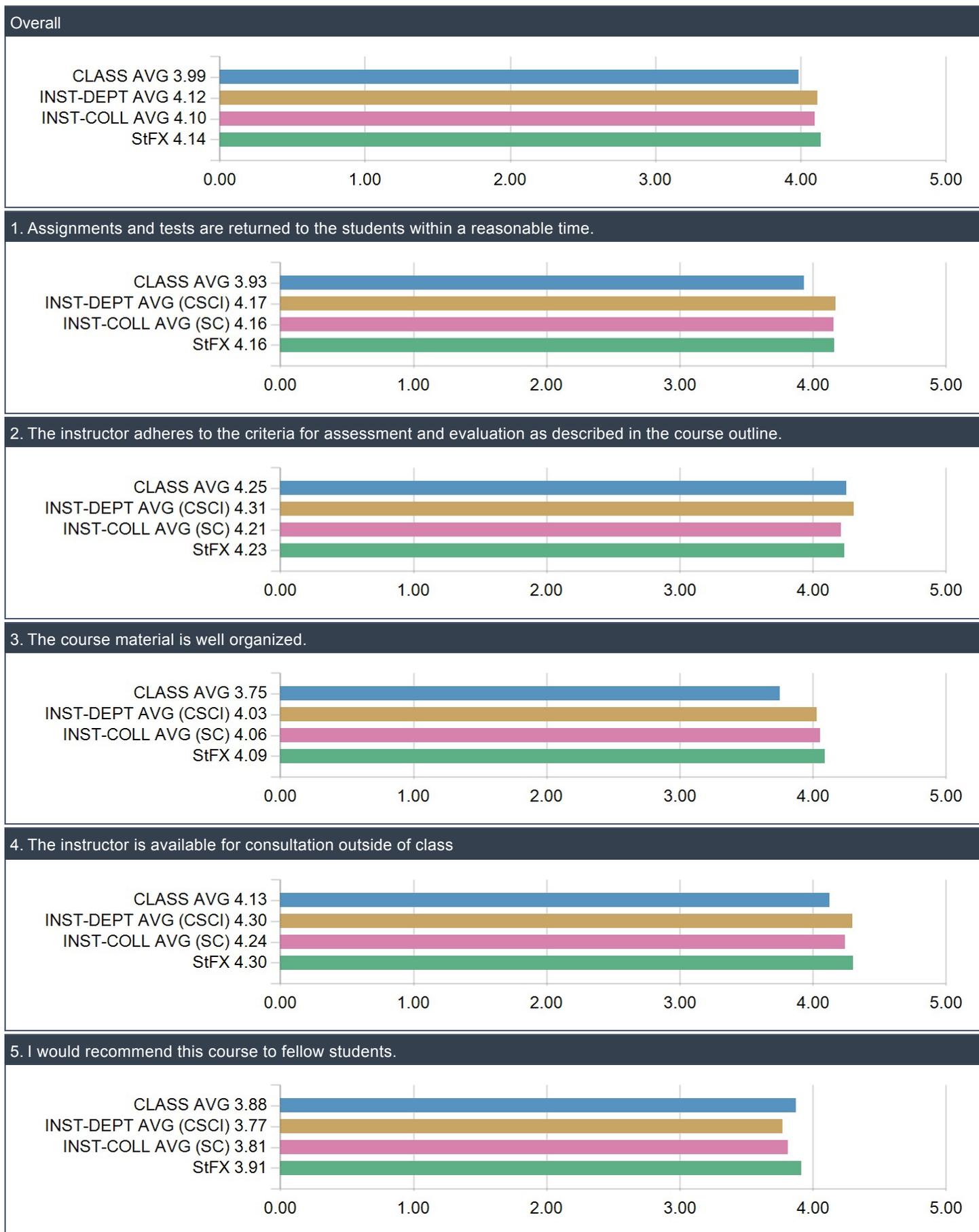
Knowledge and Expertise



Knowledge and Expertise



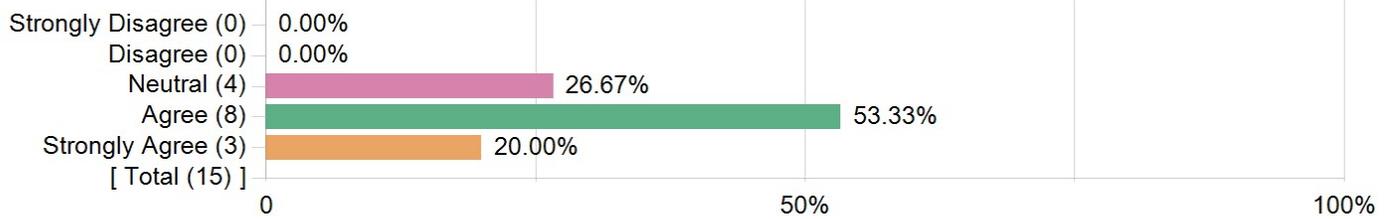
Course Organization



Course Organization

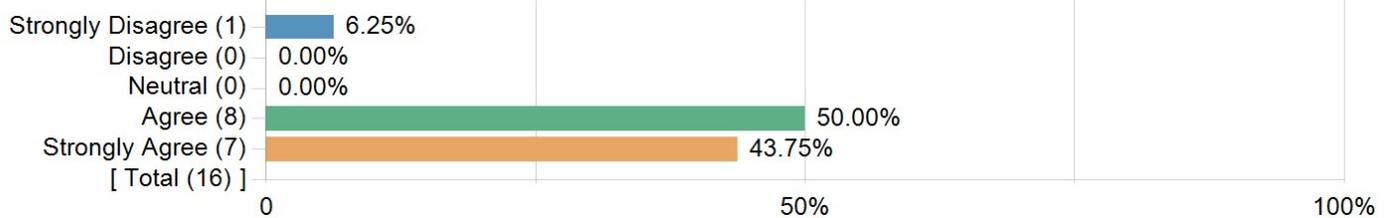
Overall	Value
Mean	3.99
Median	4.00
Standard Deviation	1.06

1. Assignments and tests are returned to the students within a reasonable time.



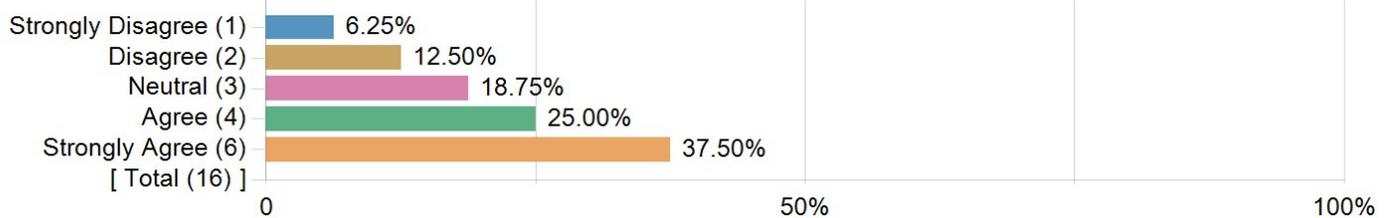
Statistics	Value
Mean	3.93
Median	4.00
Standard Deviation	0.70

2. The instructor adheres to the criteria for assessment and evaluation as described in the course outline.



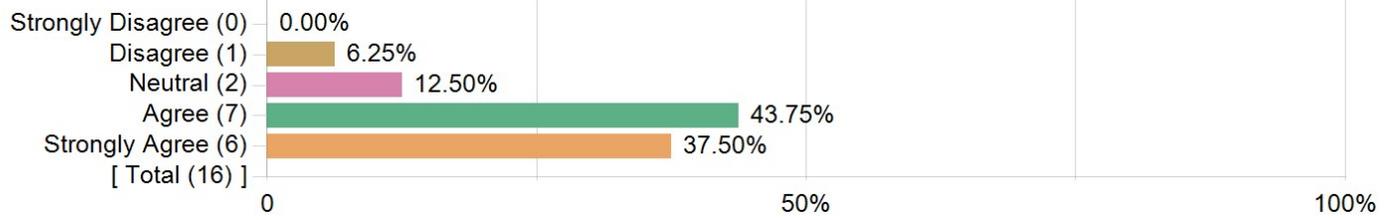
Statistics	Value
Mean	4.25
Median	4.00
Standard Deviation	1.00

3. The course material is well organized.



Statistics	Value
Mean	3.75
Median	4.00
Standard Deviation	1.29

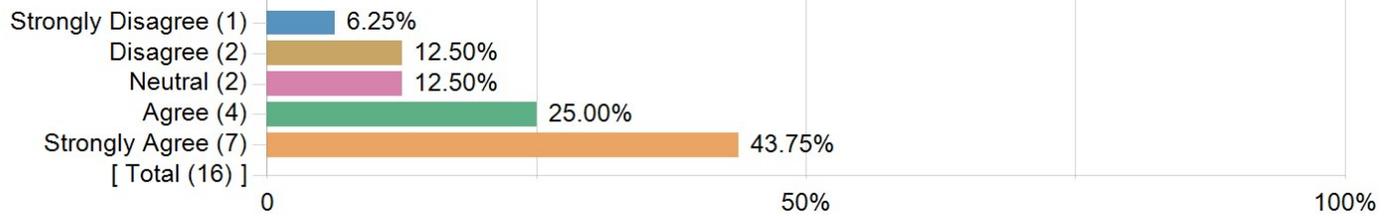
4. The instructor is available for consultation outside of class



Statistics	Value
Mean	4.13
Median	4.00
Standard Deviation	0.89

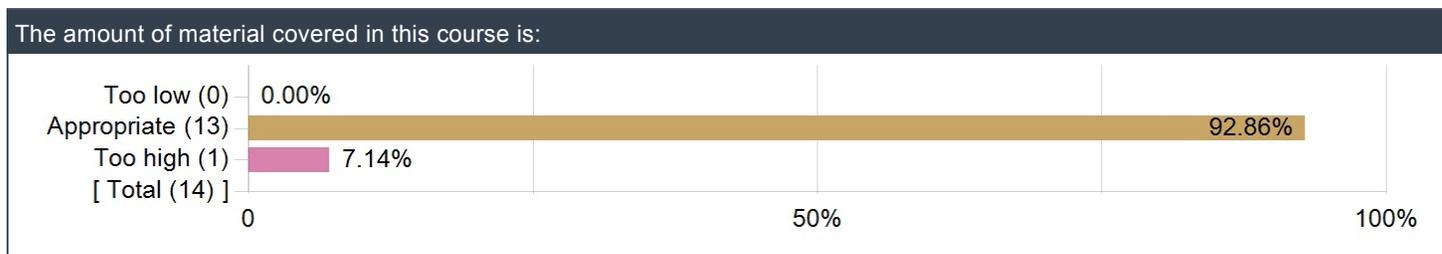
Course Organization (continued)

5. I would recommend this course to fellow students.

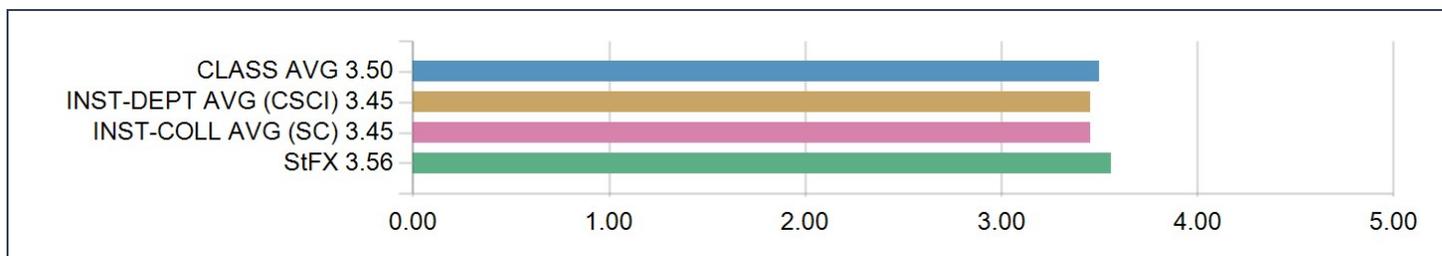


Statistics	Value
Mean	3.88
Median	4.00
Standard Deviation	1.31

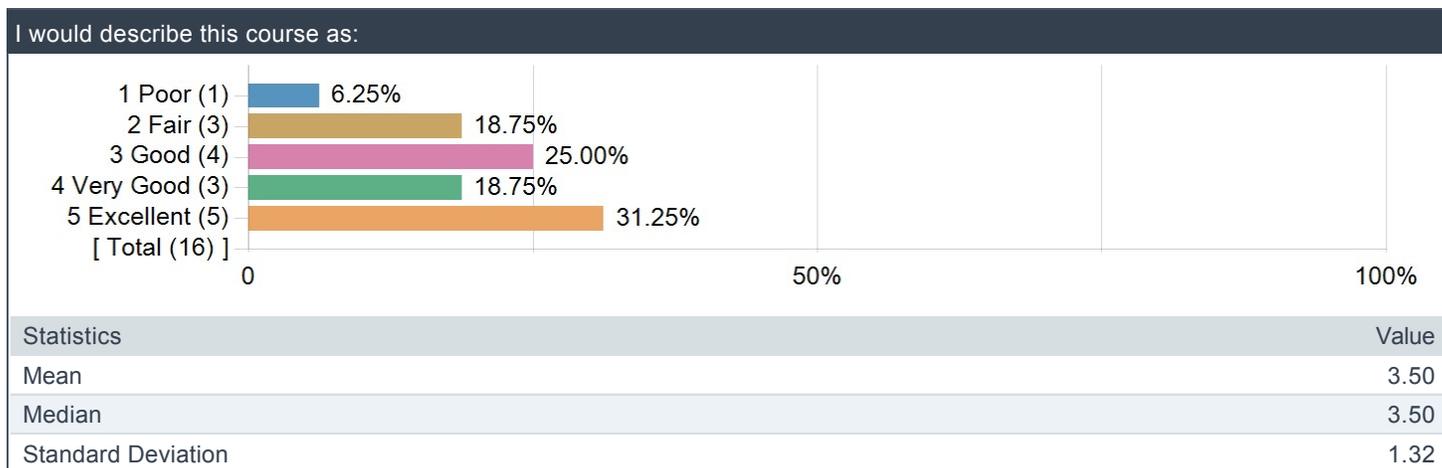
The amount of material covered in this course is:



I would describe this course as:



I would describe this course as:



What were the best aspects of this course and/or instructor?

Comments
Dr. Hughes was very interested and engaged in what he was teaching while checking in and doing what he could throughout the whole course to ensure we were understanding and getting a good grasp on the material.
Instructor it's very engaging and effective at working through topics.
–Projects provide freedom to explore topics covered in class –Lectures provide a suitable amount of knowledge for projects, and it still provides room for students to do further research.
Light classes.
It was really interesting to see applications of what we were learning in the real world. The competition after the GA was fun and I think doing something like that would let students mess around with their program more.
Getting to learn so many different genetic algorithm, classes were energetic and enthusiastic.
I enjoyed the variety of topics that were covered in this class as well as the opportunity for students to give a lecture.
James was obviously passionate about the course material. While I personally was not the biggest fan of evolutionary computation as a topic, I had to take the course to fulfill grad requirements, and James definitely made the course much much better to take. I also liked the progressive grading scheme, it made the assignments feel more like an exercise to learn, rather than an exercise in stress and panic over getting the best grade possible.
Nothing, only instructor bragged about what he did instead of teaching.

Are there any aspects of this course or of the instruction that could be improved? If so, please explain.

Comments
practical application of evolutionary algorithms in class
Lecture materials seemed very shallow, compared to assignments.
More coding discussion and help with coding.
Someone had mentioned they'd like to see classes where we were given a program ahead of time so we could follow along and mess around with it on our own.
A detail implementation the algorithm could have been explained and the application of those.
I think a little more structure on the assignments would be beneficial so that the students know what we should be learning.
The materials are not well organized. Spend less time in talking outside of subject at start of class.
I didn't find anything that I would really improve, I think James did a really good job with the course. If I were to provide some constructive criticism, I would say, the assignment instructions could be a little bit more clear, e.g. listing what to hand in with the submission.
I think everything. This is not a theoretical course, so instructor should focus more on coding parts and make students understand and implement algorithm but he didn't do any of those things.

Do you have any other comments about the course and/or the instructor?

Comments
–Lecture style was very enjoyable, overall fun and interesting course to be a part of.
A more in–depth discussion about actual implementation.
The course is interesting overall
The instructor shows a ton of enthusiasm when presenting this course material!
Yes, I don't why university mentioned they are one of the best for computer science but in reality things are different. Instructors only focus on finishing courses rather than making it understand