

Subject: Teaching Feedback for Gina Bai

June 16, 2020

Dr. Heckman attended Ms. Gina Bai's CSC 226 (**Discrete Mathematics**) course on 6/16/2020 and reviewed her course materials for the Summer 2020 10-week semester. The topic of the day was Arithmetic Proofs, specifically proof by contradiction.

Due to the COVID-19 pandemic, classes in the **Summer 2020** 10-week semester were moved to online instruction. As an "on-campus" section, Ms. Bai taught an online synchronous version of CSC 226 using the Zoom web-conferencing platform. Students in the section were expected to attend class; Ms. Bai also recorded the lectures for students who may not be able to attend sporadically due to their situations. Ms. Bai started the recording at the beginning of class and has regularly posted lecture recordings to the Moodle webpage. There were 16 out of 22 students in attendance on June 16th. Ms. Bai utilized a Zoom background to show a chalkboard and the course information to customize her instructional video presentation.

The course Moodle is well organized with syllabus, WebAssign deadlines, Zybooks reading schedule, and class zoom link in the top Moodle topic. Course materials were provided for the major topics in the course, which included lecture notes and the video recording of the synchronous lecture. Pre-class lecture materials that provided several problems solvable with material for the given lecture. The syllabus contains all required elements except for the schedule of topics. All assignment deadlines, weights, and expectations are clearly defined. I would encourage including dates on the topics in the Moodle outline so students know what will be covered on what dates. The exam dates are listed in Moodle so students can add those to their calendars.

Ms. Bai started class on time and lead off reminders about the upcoming exam and an overview of the review schedule and review materials. Ms. Bai then moved into a recap of materials covered in the previous classes that will impact the discussion on Arithmetic Proofs. Ms. Bai incorporated active learning exercises where the student had the opportunity to work on problems about review materials and later to work on new problems. She provided significant "silent" time for students to work on the problems and requested that students indicate when they are done using the green checkmark in Zoom. When she called the students back together, she provided the opportunity for students to participate in answering the questions.

Ms. Bai ended class on time and stayed online afterward to answer any additional questions that students might have on the materials. There was one question, which Ms. Bai answered. After prompting students who were still on the call about questions, the class session ended.

Overall, Ms. Bai demonstrated expertise in the materials, provided lots of opportunities for engagement in problems, and described the proof concepts well. She has adopted existing course materials and adapted them to her instructional style. She engaged students during the lecture, which is especially challenging in online instruction.

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# CSC 116 - 051

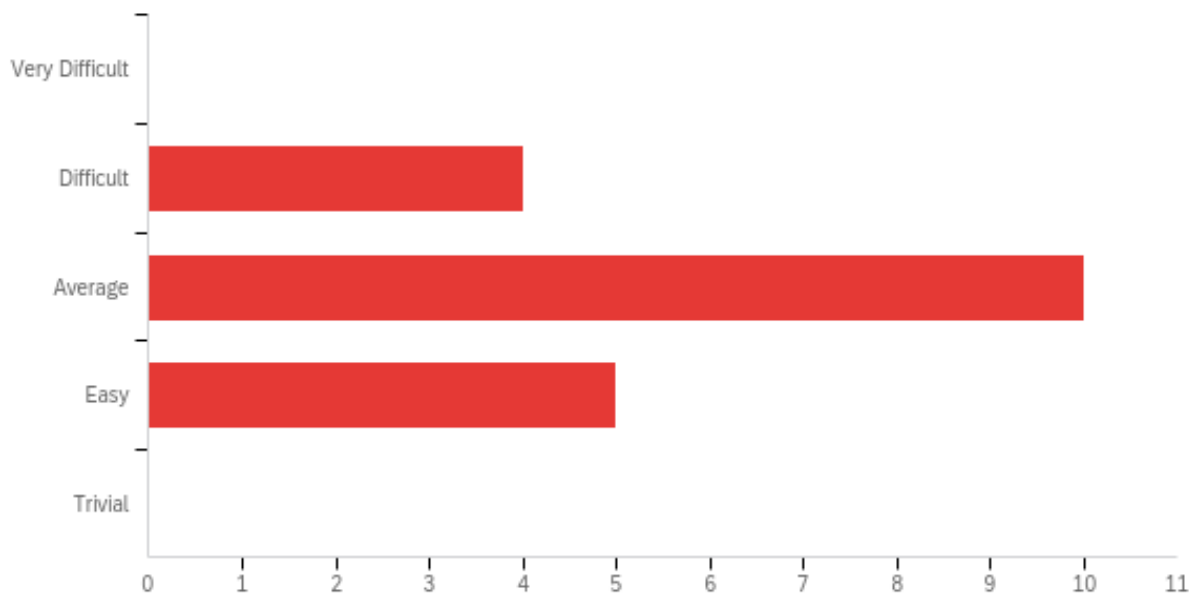
## Summer 2021 Mid Semester Evaluations

June 22nd 2021, 4:46 pm EDT

**Q1 - Which course(s) are you enrolled in for Summer 2021? Please choose ALL that apply. Please choose ALL that apply and ONLY the course(s) and section(s) that you are enrolled in. Not all courses and sections are evaluated each term, so please only choose the course/section that you are currently enrolled in.**

#	Answer	Count
36	CSC 116 - 051 (G. Bai)	21

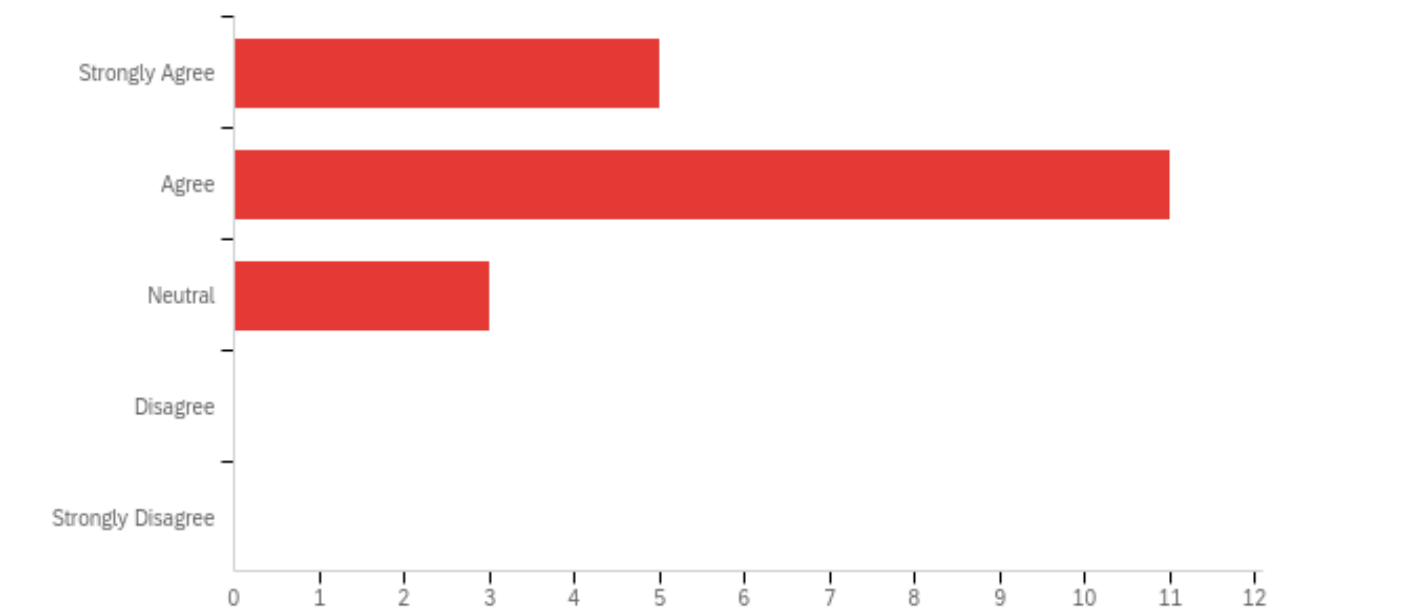
36\_Q1 - The degree of difficulty you associate with [CSC 116 - 051] is:



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	CSC 116 - 051 (G. Bai) - The degree of difficulty you associate with [CSC 116 - 051] is:	2.00	4.00	3.05	0.69	0.47	19

#	Answer	%	Count
1	Very Difficult	0.00%	0
2	Difficult	21.05%	4
3	Average	52.63%	10
4	Easy	26.32%	5
5	Trivial	0.00%	0
	Total	100%	19

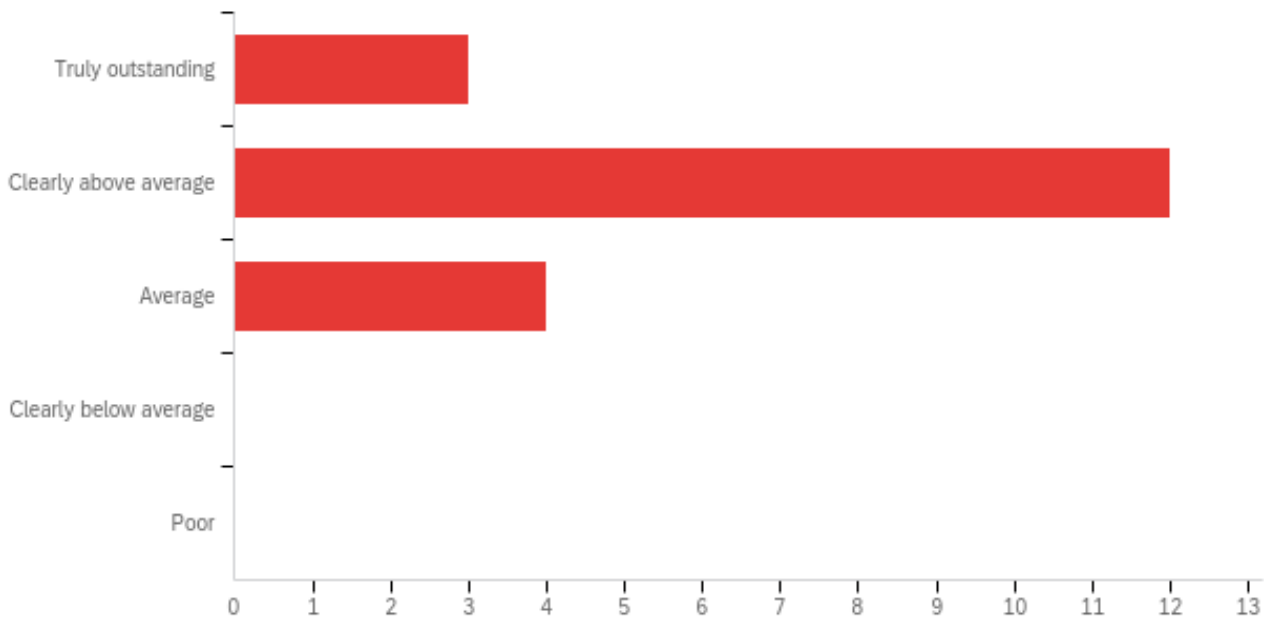
36\_Q2 - The grading of tests and homework for [CSC 116 - 051] is fair and reasonable.



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	CSC 116 - 051 (G. Bai) - The grading of tests and homework for [CSC 116 - 051] is fair and reasonable.	1.00	3.00	1.89	0.64	0.41	19

#	Answer	%	Count
1	Strongly Agree	26.32%	5
2	Agree	57.89%	11
3	Neutral	15.79%	3
4	Disagree	0.00%	0
5	Strongly Disagree	0.00%	0
	Total	100%	19

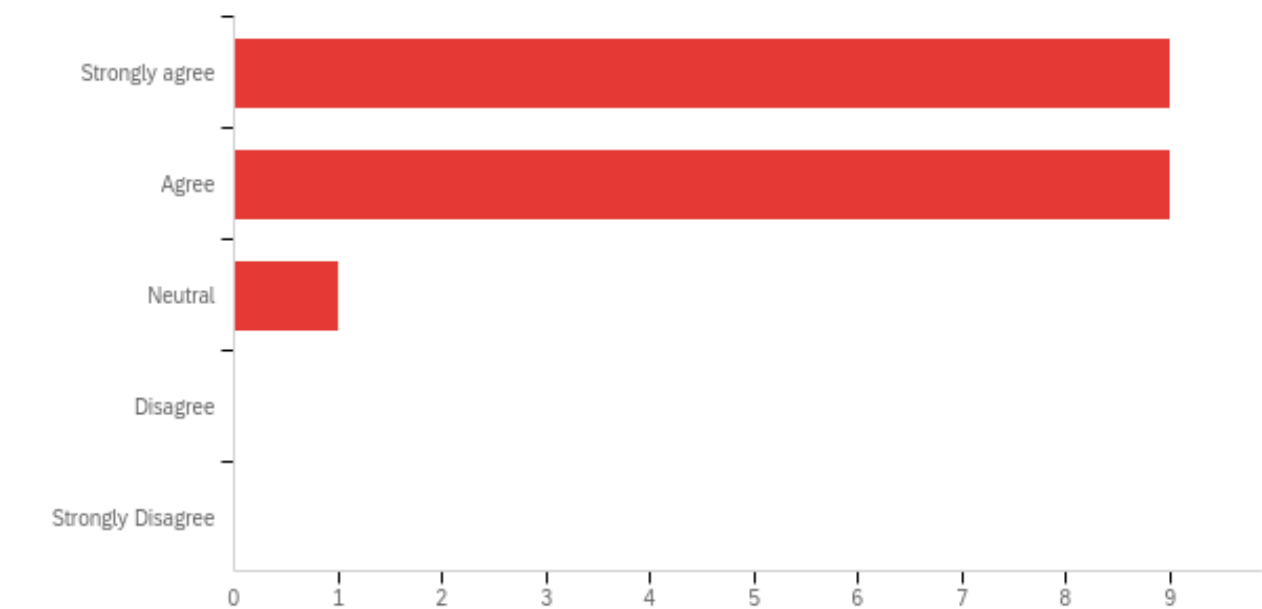
36\_Q3 - The overall rating for [CSC 116 - 051] is:



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	CSC 116 - 051 (G. Bai) - The overall rating for [CSC 116 - 051] is:	1.00	3.00	2.05	0.60	0.37	19

#	Answer	%	Count
1	Truly outstanding	15.79%	3
2	Clearly above average	63.16%	12
3	Average	21.05%	4
4	Clearly below average	0.00%	0
5	Poor	0.00%	0
	Total	100%	19

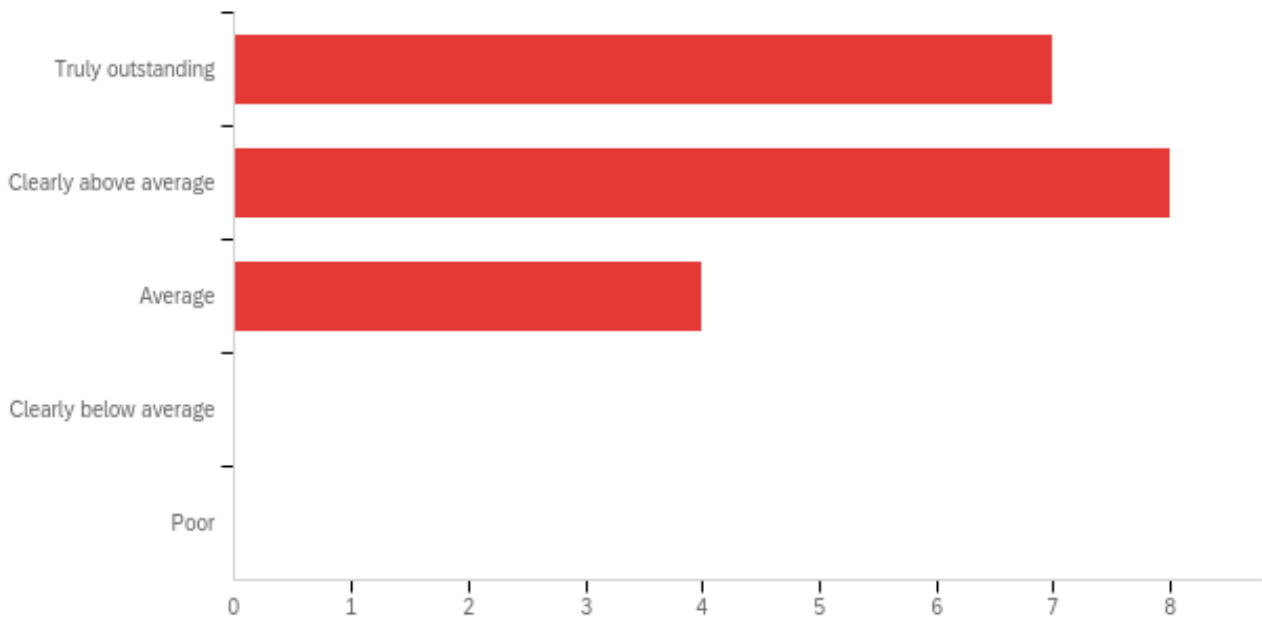
36\_Q4 - I would recommend this instructor ([G. Bai]) to other students:



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	CSC 116 - 051 (G. Bai) - I would recommend this instructor ([G. Bai]) to other students:	1.00	3.00	1.58	0.59	0.35	19

#	Answer	%	Count
1	Strongly agree	47.37%	9
2	Agree	47.37%	9
3	Neutral	5.26%	1
4	Disagree	0.00%	0
5	Strongly Disagree	0.00%	0
	Total	100%	19

36\_Q5 - The overall effectiveness of this instructor ([G. Bai]) as a teacher is:



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	CSC 116 - 051 (G. Bai) - The overall effectiveness of this instructor ([G. Bai]) as a teacher is:	1.00	3.00	1.84	0.74	0.55	19

#	Answer	%	Count
1	Truly outstanding	36.84%	7
2	Clearly above average	42.11%	8
3	Average	21.05%	4
4	Clearly below average	0.00%	0
5	Poor	0.00%	0
	Total	100%	19

North Carolina State University - <b>ClassEval Report</b>	
Emplid: 200159031	Name: Gina Bai -- Course: <b>Intro Comp - Java</b>
Term: <b>2021 Sum10</b>	CSC 116 051 Courses surveyed - CSC 116 051
Question	Response
Comment on strengths and weaknesses of the course	One of the biggest weaknesses of this course was that we didn't have enough time to work on the labs. Also, the projects took a big chunk of time, especially project 4. I have spend around 20 hours on it. Apart from time issues, this course was excellent.
Give suggestions on how the course or how the instruction could be improved.	The projects should not be time consuming, at least during the summer session.
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Comment on strengths and weaknesses of the instructor	Professor Bai was always helpful and responsive whenever I needed anything, whether it was advice or help on an assignment or basic questions. She made the class feel like a very open learning environment and it made the class significantly more enjoyable.
Comment on strengths and weaknesses of the course	The course was rushed understandably due to the summer schedule but it never felt overwhelming even at its busiest points. I really enjoyed the course and it taught me a lot about computer science and made me significantly more interested in the subject as a whole.
Give suggestions on how the course or how the instruction could be improved.	I think the course was overall taught very well and I can't think of any way to improve it. The way the classes were set up were very helpful and we could always get help if we needed it on anything.
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Comment on strengths and weaknesses of the course	Professor Bai is a great professor, I really loved doing the course with her as my professor, she taught me well and gave me the motivation for a 5 week course.
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Comment on strengths and weaknesses of the instructor	Instructor was active in class but relegated too much to her assistant outside of class who did not always give the clearest of feedback especially when it came to grading.
Comment on strengths and weaknesses of the course	The zybook resources were extremely helpful and should definitely be kept as a common resource. The labs were sometimes confusing with it being unclear with why I lost points or the labs being overly specific with requirements.
Give suggestions on how the course or how the instruction could be improved.	The grading and feedback should be more in the hands of the teacher rather than assistants and when it comes to doing labs the requirements should be less strict specifically when it comes to how our outputs should be.
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Comment on strengths and weaknesses of the instructor	Ms. Bai knows the content well and was always willing to help with guidance on assignments and labs.
Comment on strengths and weaknesses of the course	The course structure is straight forward and helped us cover all the topics sufficiently and consely
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Comment on strengths and weaknesses of the instructor	Ms. Bai was always prepared and responded to questions in a very timely manner, pretty much anytime I had a question outside of class.
Comment on strengths and weaknesses of the course	This class did a great job teaching me Java, and even though it was a summer course, it did not feel rushed. I think students could benefit from group labs instead individual ones for every class, but overall I think this class is set up well.
Give suggestions on how the course or how the instruction could be improved.	I think it was done well!
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Comment on strengths and weaknesses of the instructor	Professor Bai explains the concepts well and organizes the material in an easy to understand format. Some simple material would sometimes be glanced over which would cause some difficulty come more complex concepts. Mainly mod and divide with integers and doubles, then functions with strings.
Comment on strengths and weaknesses of the course	The course gave a good understanding of classes, methods, and basic algorithms. Some of the projects felt repetitive and as if they did not put into practice new material. Mainly, Project 2 felt like a repeat of the first project.
Give suggestions on how the course or how the instruction could be improved.	The course could be improved by going over basic concepts with more depth, and having projects be more related to the recently learned material.
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Comment on strengths and weaknesses of the instructor	Ms Bai was always ready to answer our questions. She asks questions before she answers them and makes us think. She was nice and friendly. She responded to our emails and questions as soon as possible
Comment on strengths and weaknesses of the course	The last chapter that covers about object and classes is a new topic. It was very fast paced.
Give suggestions on how the course or how the instruction could be improved.	The last chapter about objects and classes is a new topic for new programmers. IT would be great if students get more time to process and practice that topic
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Comment on strengths and weaknesses of the instructor	The instructor was typically prepared to answer any questions the class had. When a problem arose that the instructor was not prepared for, they were good in working with the class to find the solution.
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Comment on strengths and weaknesses of the instructor	Not to many office hours were available. Would like more explanations on some labs before actually doing them.
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Comment on strengths and weaknesses of the instructor	Ms. Bai is very consistent and persistent! She goes out of her way to help when asked. She sometimes has slips in her English speaking but that's never been a problem with.