**NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE**

# STUDENT FEEDBACK ON TEACHING

## Summary Of Evaluation

**Student Feedback on Teaching for Academic Year 2021/2022 Semester 1**

**Date:** 14-DEC-2021 09:27 PM

**Instructor:** Dr Gary Royden Watson Greaves

**Course:** MH3300 (GRAPH THEORY)

**Method:** LEC, **Group:** LE

**Actual Class Size:** 40

| | Criteria for consideration | Total Responses | Mean | SD | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **Encouraged engagement in the course** As a result of the teaching approaches taken by this faculty member, I was involved and interested in the course. | 16 | 4.88 | .48 | 15 | 0 | 1 | 0 | 0 |
| 2 | **Communicated clearly** This faculty member was easy to understand in all forms of communication including in classes, online, and in writing. | 16 | 5 | 0 | 16 | 0 | 0 | 0 | 0 |
| 3 | **Was approachable** This faculty member created opportunities, either in classes, or outside classes, for students to ask questions and seek help. | 16 | 5 | 0 | 16 | 0 | 0 | 0 | 0 |
| 4 | **Helped students understand important concepts** This faculty member took steps to ensure that I understood how the subject matter of the course is framed by principles or concepts, or how the details fit together into concepts. | 16 | 4.94 | .24 | 15 | 1 | 0 | 0 | 0 |
| 5 | **Encouraged critical thinking in the subject area** The teaching approaches of this faculty member encouraged me to think deeply and analytically about the knowledge and concepts in the course. | 16 | 4.88 | .33 | 14 | 2 | 0 | 0 | 0 |
| 6 | **Provided timely feedback that helped my progress** this faculty member gave useful comments that assisted students' learning | 16 | 5 | 0 | 16 | 0 | 0 | 0 | 0 |
| 7 | **Educational Technology and Teaching** | 16 | 5 | 0 | 16 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|
| | **approaches**<br>The way this faculty member conducted classes increased my understanding of the course | | | | | | | | |
| 8 | **Assessment - The faculty member teaching this course :**<br>Set thought-provoking assessment tasks | 16 | 5 | 0 | 16 | 0 | 0 | 0 | 0 |
| 9 | **Fostering engagement - This course:**<br>Challenged me to find my own solutions to problems | 16 | 5 | 0 | 16 | 0 | 0 | 0 | 0 |
| 10 | **Engaged teaching**<br>Communicated enthusiasm for the subject | 16 | 5 | 0 | 16 | 0 | 0 | 0 | 0 |

(Individual)
**Mean Teaching Score:** 4.97

**Please give reasons for your score? (for question 1)**

| | |
|---|---|
| 1. | - |
| 2. | Prof used Twitch to engage with the viewers - this allows us to comment on concepts and ask questions with text shown on the screen for all to benefit. This allows the entire course group to learn from others without having to fear public speaking! |
| 3. | Yes, he used twitch as the medium of teaching. Although the layout of the website is not appealing, the advantage of him posting questions during lectures was useful. |

**Please give reasons for your score? (for question 2)**

| | |
|---|---|
| 1. | Prof is from the UK. Need I say more? |
| 2. | - |
| 3. | He was clear in explaining theorems and concepts. He ensures everyone understands and shows proofs of theorems for better understanding even when not required. |

**Please give reasons for your score? (for question 3)**

| | |
|---|---|
| 1. | - |
| 2. | Very approachable and always open for us to visit him to ask questions and clarify! There does not ever pass a single week without him asking the course to not approach him! |
| 3. | Yes, our questions posted in twitch were posted and answered by Prof asap. He is quick in resolving our doubts. |

**Please give reasons for your score? (for question 4)**

| | |
|---|---|
| 1. | - |
| 2. | This is particularly well done. Because the course was designed to touch on basic ideas from all over Graph Theory, Prof does always take time to go through harder concepts that might be in a particular chapter! Therefore every chapter will always include areas where Prof will emphasise or teach tricks to learn concepts better. Evident in Lectures and even extremely more evident in Tutorials! |
| 3. | Yes, he added websites of an online graph creator which helped us to visualize complicated graphs. It was very useful. |

**Please give reasons for your score? (for question 5)**

| | |
|---|---|
| 1. | - |
| 2. | Absolutely. The course introduces areas where questions are deceivingly simple yet requires deep thinking! Prof makes this a feature of tests and homeworks to ensure the most understanding is brought out in every question done. |
| 3. | He added motivating questions at the start of each chapter. They give me a reason to understand the importance of the concepts that I was about to learn. Hence I could appreciate the relation between the theorems and real-world life applications. |

**Please give reasons for your score? (for question 6)**

| | |
|---|---|
| 1. | Absolutely timely. Course marks and feedback are ALWAYS given and in time for the next quiz or homework, utilising |

| | |
|---|---|
| | comment and annotations on our work where necessary. Furthermore, each student is encouraged to visit his office after a midterm to go through 1-to-1 coaching session on mistakes which definitely makes the experience of learning more personalised and beneficial! |
| 2. | - |
| 3. | He answers and clears our doubts immediately once we post them in the chat. He doesn't let our confusion snowball. He is very helpful. |

## Please give reasons for your score? (for question 7)

| | |
|---|---|
| 1. | - |
| 2. | The teaching approaches are well done. Homework and tests are always conducted in a formal but easy-going setting. Mistakes are always treated as building blocks. Lectures and Tutorials include chat functions that allow the whole class to learn from. He constructs the course to touch on different areas of Graph Theory while still keeping to the fundamental concepts involved in each. This allows understanding to be both broad AND deep and insightful. |
| 3. | He is a hardworking prof who goes the extra mile in ensuring the website allows everyone an equal chance of understanding the concepts. |

## Please give reasons for your score? (for question 8)

| | |
|---|---|
| 1. | - |
| 2. | He gave us 2 midterms which is unusual. However, that helped to reduce the workload of chapters for us. hence, it allowed us to focus on fewer chapters in depth. |

## Please give reasons for your score? (for question 9)

| | |
|---|---|
| 1. | - |
| 2. | He is very engaging during lectures and tutorials. He asks us for possible solutions and comments on them. |

## Please give reasons for your score? (for question 10)

| | |
|---|---|
| 1. | It definitely made me even MORE enthusiastic to discover more about Graph Theory - Extremal and Spectra. |
| 2. | - |
| 3. | His passion for Graph theory is contagious. He made me love graph theory and appreciate its use. Thankful to him. |

## Please comment on this faculty member's strengths

| | |
|---|---|
| 1. | Very engaging instructor |
| 2. | I mean, one has to really hear me out face to face to expound on the many strengths of Prof. He is really one of the best few profs in teaching in NTU Math! |
| 3. | A perfect lecturer. I really enjoy his lectures. approaching. He answered questions quickly, clearly and sincerely. |
| 4. | Eloquent speaker. Able to understand his lecture despite watching on 2x speed. Well planned lectures/tutorials. Use twitch as the platform for lectures which is hype. All is Well. |
| 5. | This course was the only thing stopping me from committing suicide this semester. College of Engineering and Nanyang Business School need to take a leaf out of this Prof's book. Prof Gary is clearly interested and enthusiastic in teaching and making the course worthwhile for students. He communicates clearly and responds regularly to emails, and is interested in helping students understand things in the material, which more than can be said for CoE and NBS faculty. |
| 6. | enthusiasm Clarity (through the many given example) |
| 7. | Good. |
| 8. | Dr Gary is not only friendly and approachable but he has really clear explanations when explaining concepts and his voice and articulation was very pleasant. It was nice hearing him teach. |
| 9. | Give feedback on assessments which allows better understanding of our mistakes and how to improve |
| 10. | He is very engaging during lectures by telling funny jokes that help me enjoy lectures and forget the painful process of online learning. He is very knowledgeable in Graph theory. He goes the extra mile to give individual feedback to everyone on their midterms. It is appreciable of him to do so. It was very useful and helped me in understanding my mistakes. I would like for him to teach me more modules. It was an enjoyable and fruitful learning journey for me. :) |

## Please comment on how the faculty member might improve the teaching and learning in this course.

| | |
|---|---|
| 1. | He's too good. There's really nothing I can add to make Prof Gary better. He's one of the most engaging and fun course coordinators to learn from. |

| 2. | More wooclaps! haha |
| 3. | I was surprised when there was no Dijkstra's/A star algorithm, because that's the more practical side of Graph Theory. |
| 4. | I miss wooclap. He should bring wooclap back which was a motivator for me to attend live lectures. |

**Faculty Comments (max 500 chars)**

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