

Dear Professor Youngmin Park:

### Student Opinion of Teaching Questionnaire Results

This form contains survey results for ANALYTC GEOMETRY & CALCULUS 1(MATH-0220)-1040.

Attached is a report in PDF format containing your Student Opinion of Teaching Survey results from last term. The report is best viewed and/or printed in color.

The evaluation results are broken down into three distinct categories. The first part of the report shows a breakdown of student responses to the quantitative questions. For each item, the number of students (n) who responded, the average or mean (av.) and standard deviation (dev.) are displayed next to a chart or histogram that shows the percentage of the class who responded to each option for that question. The percentages are above the number on the rating scale which increases from left to right, i.e. the number 1 equals the least favorable rating and the number 4 or 5 (depending on the scale) equals the most favorable rating. The sum of percentages will equal 100%. A red mark is displayed on the chart where the average or mean is located. To calculate how many students responded to each option, multiply the number of students who answered the question by the percentage for that option. For example, if 14 students answered the question and 50% responded to option 3 then 7 students marked option 3 for that item ( $14 \times .50 = 7$ ). The standard deviation is a common measure of dispersion around the mean that may be useful in interpreting the results.

If your school had previously calculated norms, they will be on OMET's website (omet.pitt.edu).

The second part displays individual comments to each question in the open-ended section of the evaluation. All the responses to the first question will be listed together after the first question and then the responses to the next question will be listed together after the next question, and so on.

The final part gives you a profile of the student responses to the quantitative section of the evaluation. This is a chart listing all of the means for the scaled items with a dashed red line connecting the means.

If the number of respondents for any of the scaled items is fewer than seven, please be cautious in interpreting the quantitative results.

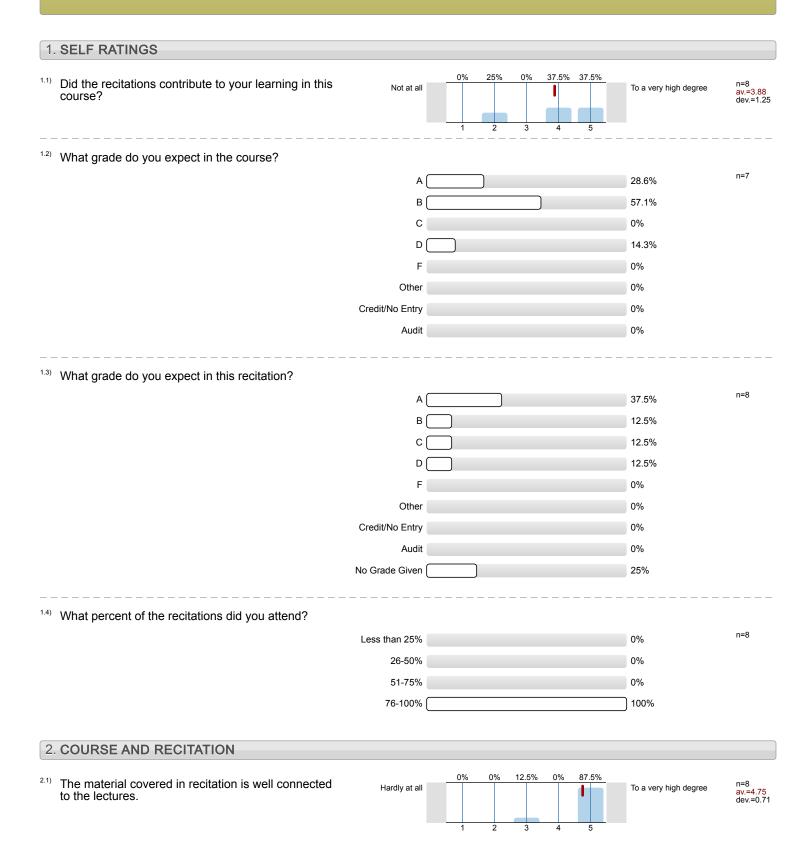
Office of Measurement and Evaluation of Teaching (OMET)

# **Professor Youngmin Park**



ANALYTC GEOMETRY & CALCULUS 1(MATH-0220)-10402161\_UPITT\_MATH\_0220\_SEC1040 Fall 2015

8 RESPONDENTS = 32% OF NUMBER REGISTERED



#### 3. RECITATION INSTRUCTOR TEACHING EVALUATION 12.5% 12.5% 50% The recitation instructor was well-prepared for the n=8 Hardly at all To a very high degree av.=3.88 recitations. dev.=0.99 0% 0% 12.5% 87.5% The recitation instructor appeared knowledgeable n=8 Hardly at all To a very high degree av.=4.88 about course subject matter. dev.=0.35 5 0% 0% 0% 25% 75% The recitation instructor clarified material covered in n=8 av.=4.75 Hardly at all To a very high degree course lectures. dev. = 0.465 28.6% n=7 av.=4.43 dev.=0.79 The recitation instructor showed interest in helping Hardly at all To a very high degree students understand the material. 0% 0% 0% 12.5% 87.5% The recitation instructor returned assignments within n=8 Hardly at all To a very high degree av.=4.88 dev.=0.35 a reasonable amount of time. 16.7% 0% 16.7% 16.7% 50% The recitation instructor was concerned about n=6 av.=3.83 dev.=1.6 Hardly at all To a very high degree students' progress in the course. ab.=2 0% 0% 12.5% 12.5% 75% The recitation instructor provided helpful answers to n=8 av.=4.63 dev.=0.74 Hardly at all To a very high degree students' questions. 5 0% 0% 100% 0% 0% The recitation instructor treated students with n=7 av.=5 Hardly at all To a very high degree respect. dev.=0 16.7% 16.7% 66.7% n=6 av.=4.5 dev.=0.84 The recitation instructor provided constructive Hardly at all To a very high degree feedback on assignments. 3 0% 0% 0% 12.5% 87.5% <sup>3.10)</sup> The recitation instructor maintained an environment n=8 av.=4.88 Hardly at all To a very high degree in which students felt comfortable asking questions. dev.=0.35 0% 0% 100% The recitation instructor was available for help n=3 av.=5 dev.=0 Hardly at all To a very high degree outside of the labs. Mark (NA) if you did not seek outside help. ab.=5 0% 0% 12.5% 0% 87.5% 3.12) The recitation instructor communicates effectively. n=8 av.=4.75 dev.=0.71 Hardly at all To a very high degree

3.13) The recitation instructor comprehends students' communication.	Hardly at all	0%	0%	12.5%	25%	62.5%	To a very high degree	n=8 av.=4.5 dev.=0.76	
3.14) The recitation instructor led this recitation effectively.	Hardly at all	0%	2 0%	12.5%	12.5%	75%	To a very high degree	n=8 av.=4.63 dev.=0.74	
3.15) Would you recommend this recitation instructor to other students who are going to take this course?									
	No						14.3%	n=7	
Probably not						0%			
	Probably yes						14.3%		
	Yes						71.4%		

#### 4. RECITATION COMMENTS

- 4.1) Your recitation instructor would like to know if there is something you believe he/she has done especially well in teaching this recitation section.
- After attending recitation I usually learned something that I hadn't known previously.
- Being able to find problems that are difficult enough to really help us learn how to approach different problems
- I liked going over examples as much as we did to really cement concepts.
- My recitation instructor was always on time for the class. He knew very well the material from the lectures. He explained very well how to solve problems step by step. He always asked students if they had questions or trouble with a problem from the book. He was always available during lab recitation and helped students at all times. He was approachable, kind and respectful.
- Very clear and willing to help. Did examples that helped with quiz
- Very good at going through problems and helping us understand them better through his explanations of the steps
- 4.2) Your recitation instructor would also like to know what specific things you believe might be done to improve the teaching of this recitation section.
- Better feedback on quizzes
- During a quiz someone nearby me just starts going on his phone. What he was doing I do not know whether it was cheating or not but the recitation should be watching for cheating not on his phone. It is not fair to other students. If the recitation instructor does not notice someone on their phone for three minutes he is doing something wrong.
- I don't know if there are any memorization tricks, but those would be helpful for some of the derivatives/formulas. (esp for inverse trig and hyperbolics).
  Study guides or practice tests would also be helpful. (there is never enough practice)
- Probably students that want to participate could do it.
- Recitation could be a little more organized.
- Sometimes not sure how much tdepth to go into on guizzes and often lost lots of points for little things
- nothing really, recitations were very helpful and a nice way to practice the the problems

# **Profile**

Subunit: **A&S-MATH LOWER LEVEL** Name of the instructor: Professor Youngmin Park,

Name of the course: (Name of the survey) ANALYTC GEOMETRY & CALCULUS 1(MATH-0220)-1040

Values used in the profile line: Mean

### 1. SELF RATINGS

Did the recitations contribute to your learning in this course?



av.=3.88 md=4.00 dev.=1.25

#### 2. COURSE AND RECITATION

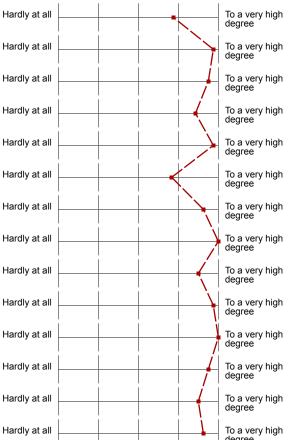
The material covered in recitation is well connected to the lectures.



av.=4.75 md=5.00 dev.=0.71

### 3. RECITATION INSTRUCTOR TEACHING EVALUATION

- The recitation instructor was well-prepared for the recitations.
- The recitation instructor appeared knowledgeable about course subject matter.
- The recitation instructor clarified material covered in course lectures.
- The recitation instructor showed interest in helping students understand the material.
- The recitation instructor returned assignments within a reasonable amount of time.
- 3.6) The recitation instructor was concerned about students' progress in the course.
- The recitation instructor provided helpful answers to students' questions.
- The recitation instructor treated students with respect.
- The recitation instructor provided constructive feedback on assignments.
- 3.10) The recitation instructor maintained an environment in which students felt comfortable asking questions.
- 3.11) The recitation instructor was available for help outside of the labs. *Mark (NA) if you did not* seek outside help.
- 3.12) The recitation instructor communicates effectively.
- 3.13) The recitation instructor comprehends students' communication.
- 3.14) The recitation instructor led this recitation effectively.



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