

# INTEGRAL CALCULUS (Winter 2019 (201902))

Instructor: **Pham, Tuan**  
 Subject: **MTH**  
 Catalog & Section: **252H 001**  
 Course ID: **32366**  
 Objectives:

Enrollment: **17**  
 Responses Incl Declines: **6**  
 Declines: **0**

## Course and Instructor

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
The course as a whole was	6	35%	3.2	4.7	4.8	3.5	5.1	5.1
The instructor's contribution to the course was	6	35%	4.2	4.9	5.0	4.2	5.3	5.4
Clarity of course objectives or outcomes was	6	35%	2.5	4.7	4.9	2.5	5.2	5.2
Clarity of student responsibilities and requirements was	6	35%	3.2	4.8	5.0	3.0	5.3	5.2
Course organization was	6	35%	2.7	4.6	4.9	2.5	4.9	5.1
Availability of extra help when needed was	6	35%	4.5	4.8	5.0	4.5	5.0	5.3
Instructor's use of various instructional techniques to accommodate differences in learning styles among students was	6	35%	2.8	4.3	4.8	2.5	4.4	5.1
Instructor's interest in my learning was	6	35%	4.2	5.0	5.0	4.5	5.6	5.4
Instructor's ability to stimulate my thinking more deeply about the subject was	6	35%	3.2	4.7	4.9	2.5	5.2	5.2
Instructor's timely feedback to tests and other work was	6	35%	4.0	5.0	4.9	3.8	5.4	5.2
Instructor's ability to develop a welcoming classroom environment for all participants was	6	35%	4.5	5.0	5.1	4.5	5.3	5.5
Instructor's evaluation of student performance in accordance with course objectives was	6	35%	3.8	5.0	5.0	4.0	5.3	5.3

Note: 1:Very Poor; 2:Poor; 3:Fair; 4:Good; 5:Very Good; 6:Excellent; -1:Unable To Rate;

## Instructor's Questions

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
The instructor presented the subject matter clearly.	6	35%	3.0	3.0	3.0	3.0	3.0	3.0
The instructor treated me with respect.	6	35%	5.7	5.7	5.7	5.8	5.8	5.8

Note: 1:Completely Disagree; 2:Mostly Disagree; 3:Slightly Disagree; 4:Slightly Agree; 5:Mostly Agree; 6:Completely Agree;

## Narrative comments and suggestions (2 comments)

### Q: Please comment about ways to improve instruction.

- 1 He had no clue what he was doing and I am still not sure if we have even learned everything we should have. There is no organization to the course and he hops from one topic to another, then back to the original topic. He is confusing and does not explain subjects well. His syllabus is not functioning on his site and just leads to an error, so the syllabus cannot be viewed. I do not know why the Honors College chose him. That being said, he has improved a lot as the course has progressed and has developed on his teaching style. He has started using worksheets with practice questions, and I really like that. Still don't know why the Honors College would choose such an inexperienced teacher.
- 2 Please do not make students use Mathematica, nobody knows how to do that.

## Instructor's Questions (15 comments)

### **Q: What did the instructor do that most helped your learning?**

- 1 Handed out practice worksheets with the material currently being covered in lecture, and introduced us to the application Mathematica.
- 2 worksheets with practice questions
- 3 Encouraged group work so we could better master the material.
- 4 Made us figure out the steps rather than telling us.
- 5 Provide example problems on worksheets, which were very similar to problems on the tests.

### **Q: How did the project help you better understand the subject?**

- 1 The project did somewhat help me understand the concepts better, but only because it was in-depth practice using the concepts taught in lecture.
- 2 The project helped me understand the use of integrals, but the overall guidelines for it were unclear and a little confusing.
- 3 It gave integrals a more real-life application, but it felt pretty similar to other problems in class.
- 4 It reinforced what we had been doing in class and on the group works.
- 5 I was able to understand the process of the problems better by writing the explanations for the steps. However, I think the project description could be more clear on what you are asking for. I was unsure on how detailed to be with my explanations.

### **Q: If there is one or two things about the course (textbook, assignments, environment, instructor, etc.) that could have been done differently, what is it?**

- 1 Lectures were too proof-centered. I learned more from the worksheets, examples, and applications presented than trying to follow how specific equations were derived. In addition, students should not be required to completely memorize every possible pertinent equation for exams. Those who are going to need to use them in their career should only need to be concerned with how the equations work and how to apply them, which is what exams should test for -- conceptual understanding.
- 2 The worksheets are nice, it would probably be good to use those throughout the course and maybe assign credit to them as homework. Also, a review for the midterms/finals would have been nice.
- 3 Maybe go through as a class more textbook examples.
- 4 Don't use Mathematica, present problems with more numerical examples rather than theory.
- 5 More use of the textbook and My math lab for practice problems. More instruction on how to use Mathematic- not everyone knows how to code.