



Individual Report - Fall 2013 for MATH 111-08 17917 Calculus I (Frans Schalekamp)

Arts & Sciences Student Course Evaluations Fall 2013 (2)

Project Audience 38

Responses Received 27

Response Ratio 71.05%

Creation Date Mon, Jan 13, 2014

Math Summary

Question	This Course				This Instructor				This Evaluation Form			
	Mean	Median	Response Count	Standard Deviation	Mean	Median	Response Count	Standard Deviation	Mean	Median	Response Count	Standard Deviation
What grade do you expect to receive in this course?	4.37	4.00	27	0.69	4.29	5.00	66	0.94	4.25	4.00	1147	0.84
Rate this course, compared to other W&M courses, in terms of difficulty.	3.41	4.00	27	0.97	3.27	3.00	66	1.05	3.32	3.00	1147	1.05
The instructor presents concepts clearly.	3.74	4.00	27	1.29	3.88	4.00	66	1.16	3.58	4.00	1151	1.20
The instructor is well-prepared for class.	4.48	5.00	27	0.75	4.52	5.00	66	0.75	4.32	5.00	1151	0.94
The instructor is available for scheduled help outside of class	4.15	4.00	27	0.72	4.29	4.00	66	0.80	4.33	5.00	1147	0.86
The instructor communicates enthusiasm for the subject matter.	4.42	5.00	26	0.95	4.40	5.00	65	0.92	4.22	5.00	1146	1.05
The instructor gives meaningful answers to students' questions.	4.04	4.00	27	1.09	4.12	4.00	66	1.09	3.90	4.00	1147	1.15
Homework assignments enhance my understanding of the material.	4.22	5.00	27	1.01	3.83	4.00	65	1.10	3.98	4.00	1146	1.13
The instructor grades fairly.	4.67	5.00	27	0.68	4.36	5.00	66	0.91	4.38	5.00	1144	0.89
The instructor has enhanced my interest in mathematics.	3.33	3.00	27	1.47	3.41	4.00	66	1.42	3.25	3.00	1150	1.41
How would you rate this instructor's overall teaching effectiveness?	4.11	4.00	27	1.05	4.15	4.00	66	1.06	3.82	4.00	1150	1.15
Overall	4.09	-	-	-	4.05	-	-	-	3.94	-	-	-

GPA Category

GPA_CATEGORY	Count	Percentage
1.70 - 2.69	1	3.70%
2.70 - 3.69	6	22.22%
3.70 and higher	2	7.41%
[Empty]	18	66.67%

Academic Class

ACADEMIC_CLASS_DESC	Count	Percentage
Freshman	17	62.96%
Junior	2	7.41%
Sophomore	8	29.63%

Are you a major in this department or program?

Options	Score	Count	Percentage
Yes	1	2	7.41%
No	2	25	92.59%

Statistics	Value
Response Count	27
Mean	1.93
Median	2.00
Standard Deviation	+/-0.27

What grade do you expect to receive in this course?

Options	Score	Count	Percentage
F	1	0	0.00%
D	2	0	0.00%
C	3	3	11.11%
B	4	11	40.74%
A	5	13	48.15%

Statistics	Value
Response Count	27
Mean	4.37
Median	4.00
Standard Deviation	+/-0.69

Rate this course, compared to other W&M courses, in terms of difficulty.

Options	Score	Count	Percentage
1	1	0	0.00%
2	2	6	22.22%
3	3	7	25.93%
4	4	11	40.74%
5	5	3	11.11%

Statistics	Value
Response Count	27
Mean	3.41
Median	4.00
Standard Deviation	+/-0.97

The instructor presents concepts clearly.

Options	Score	Count	Percentage
1	1	2	7.41%
2	2	2	7.41%
3	3	8	29.63%
4	4	4	14.81%
5	5	11	40.74%

Statistics	Value
Response Count	27
Mean	3.74
Median	4.00
Standard Deviation	+/-1.29

The instructor is well-prepared for class.

Options	Score	Count	Percentage
1	1	0	0.00%
2	2	0	0.00%
3	3	4	14.81%

Statistics	Value
Response Count	27
Mean	4.48
Median	5.00

4	4	6	22.22%
5	5	17	62.96%

Standard Deviation	+/-0.75
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The instructor is available for scheduled help outside of class

Options	Score	Count	Percentage
1	1	0	0.00%
2	2	0	0.00%
3	3	5	18.52%
4	4	13	48.15%
5	5	9	33.33%

Statistics	Value
Response Count	27
Mean	4.15
Median	4.00
Standard Deviation	+/-0.72

The instructor communicates enthusiasm for the subject matter.

Options	Score	Count	Percentage
1	1	0	0.00%
2	2	2	7.69%
3	3	2	7.69%
4	4	5	19.23%
5	5	17	65.38%

Statistics	Value
Response Count	26
Mean	4.42
Median	5.00
Standard Deviation	+/-0.95

The instructor gives meaningful answers to students' questions.

Options	Score	Count	Percentage
1	1	1	3.70%
2	2	1	3.70%
3	3	6	22.22%
4	4	7	25.93%
5	5	12	44.44%

Statistics	Value
Response Count	27
Mean	4.04
Median	4.00
Standard Deviation	+/-1.09

Homework assignments enhance my understanding of the material.

Options	Score	Count	Percentage
1	1	0	0.00%
2	2	2	7.41%
3	3	5	18.52%
4	4	5	18.52%
5	5	15	55.56%

Statistics	Value
Response Count	27
Mean	4.22
Median	5.00
Standard Deviation	+/-1.01

The instructor grades fairly.

Options	Score	Count	Percentage
1	1	0	0.00%
2	2	0	0.00%
3	3	3	11.11%
4	4	3	11.11%
5	5	21	77.78%

Statistics	Value
Response Count	27
Mean	4.67
Median	5.00
Standard Deviation	+/-0.68

The instructor has enhanced my interest in mathematics.

Options	Score	Count	Percentage
1	1	4	14.81%
2	2	4	14.81%
3	3	7	25.93%
4	4	3	11.11%

Statistics	Value
Response Count	27
Mean	3.33
Median	3.00
Standard Deviation	+/-1.47

5	5	9	33.33%
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How would you rate this instructor's overall teaching effectiveness?

Options	Score	Count	Percentage
Poor	1	1	3.70%
Below Average	2	1	3.70%
Average	3	4	14.81%
Above Average	4	9	33.33%
Excellent	5	12	44.44%

Statistics	Value
Response Count	27
Mean	4.11
Median	4.00
Standard Deviation	+/-1.05

Please enter any additional comments below.

Students
<p>-Math has always been my favorite and best subject, by far, in middle/high school and i have learned almost nothing in this class. I have actually gotten worse at math and understood it even less. That is pretty sad considering i took calculus last year and learned and excelled in many of the same topics covered this semester. I am actually very dissapointed because i was really looking forward to taking calculus again because i enjoyed it so much. However, this class couldnt have made calculus more confusing or difficult to understand. The class really only consisted of the powerpoints projected, which were literally pictures of the text book. The whole class was taught from reading the powerpoint (aka textbook) out loud. No clear explanations or examples are written on the board. When students ask for examples, he does them, but its not uncommon for them to be incorrect or not done the whole way through. Don't get me wrong, Professor is an extremely nice guy, who loves this subject and is impressively knowledgable about it; however, perhaps his extreme depth of knowledge gets in the way of teaching because it comes so obviously to him and maybe thinks its that easy for the students to see the connections as well. Also the tests are nothing like the quizzes and the labs are almost completely irrelevant to what we learn in class.</p>
<p>Professor Schalekamp is a wonderful professor and is excellent at explaining concepts. One of my favorite aspects of the class is that he explains the theory behind calculations, so the material is easier to synthesize. Weekly quizzes and problem sets force students to study weekly. The tests are challenging but reasonable and Professor Schalekamp is a fair grader (though not necessarily easy). My only complaint about the class is that the labs seldom foster a deeper understanding of concepts. Additionally, the labs do not match up to the pace of the class and are not helpful.</p>
<p>Taking into account my overall dislike for math, I still found this class to be unpleasant and unnecessarily difficult. Most class time was dedicated to proving theorems which seemed to be over the heads of most students, instead of actually reviewing examples to prepare for tests. A proof appeared on a test one time as an extra credit question. Homework was incredibly tedious despite having a lab and a quiz due each week as well. The professor did not seem interested in the subject matter and would occasionally stop doing a problem part way through if he could not figure it out, and generally made math out to be something of a chore rather than a useful tool. This was my least favorite class I have taken so far at William and Mary.</p>
<p>Good class. Some of the proofs go over the student's head but the material is taught well.</p>
<p>Great teacher! I would love to take more classes with him!</p>
<p>He's got a good sense of humor and makes class pretty interesting.</p>
<p>Franz Schalekamp is the best. I'm looking forward to taking other courses with him. I also love his sense of humor!</p>
<p>Frans is the absolute BEST! He makes all classes interesting, fun, and very informative. He cares about all his students and makes sure to answer all questions and go over how to do problems as many times as is necessary for the class to clearly comprehend. He is funny and keeps the attention of the class with ease. I feel I have learned all material and have maintained knowledge instead of forgetting the day after. This class is less memorization and more comprehension and implementation and Frans does a great job teaching us how and why we do things rather than just a specific formula. He makes you think and makes it fun at the same time! Bottom line without Frans I wouldn't have been as successful in Calculus and I couldn't imagine having a better teacher. Also the TA Vangelis G Dimopoulos is amazing as well!! He is also very accessible to the class and a very good teacher prior to quizzes in class. I can't speak highly enough of both Frans and Vangelis as they have assisted me greatly in my interest in a greater understanding of Calculus!!!</p>
<p>Professor Schalekamp is very fair and clear in what he expects from us. Initially my problem was transitioning from high school AP exam expectations to his expectations. But once I made that switch and really took advantage of the homework he assigned I was able to do very well on the quizzes and exams. I can tell Professor Schalekamp is very enthusiastic about teaching us even when half of his class only shows up. I know that he recognizes the students who are there all of the time and put their 100% effort into the course and he rewards us of this through his positive reinforcement on tests. It's such a great feeling to get a good test grade back from him! I will definitely be taking Calc II with him next semester!</p>
<p>He was very nice and very encouraging, but he taught directly from the textbook which really didn't enhance my learning experience. The labs also didn't enhance my experience especially the chemistry applications for each. I never felt like I fully understood the labs' concepts. They just seemed like busy-work since we were never even tested on any of the lab's material.</p>
<p>I thought Professor Schalekamp did a really good job of teaching the information in class. The homework was not graded, but if done it was an effective way of studying for each week's quiz. No complaints with his teaching.</p>
<p>An additional comment was sometimes the endings of the labs were extremely confusing. I found it hard to see how the last question was related to what we were doing, but the other sections of the labs were perfectly fine.</p>

Frans is amazing. His teaching philosophy is incredibly effective and I believe that my understanding of calculus is broad because he teaches intuitive understanding as his primary objective.