Grade Comparisons

The purpose of this document is to provide you contextual information about your grades from last semester. Comparisons are made between the average grade in your course and grades in other courses at Oxy over the past 5 years.

Name = Grigoryan, Viktor
Course = MATH 212, 2. Multivariable Calculus
Term = 2013 Spring Semester
Department = Mathematics
Division = Sciences
Number of students (who received a letter grade) = 14

<table>
<thead>
<tr>
<th>Your course</th>
<th>College</th>
<th>Division</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.23, 0.69</td>
<td>3.34, 0.66</td>
<td>3.2, 0.75</td>
<td>3.12, 0.78</td>
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<td>All courses in the...</td>
<td>53%</td>
<td>46%</td>
<td>42%</td>
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<tr>
<td>200 level courses in the...</td>
<td>3.32, 0.65</td>
<td>3.17, 0.72</td>
<td>3.13, 0.74</td>
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<tr>
<td></td>
<td>51%</td>
<td>42%</td>
<td>42%</td>
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</table>

The numbers in the upper left box are the mean and standard deviation of grades in your course. The numbers in the boxes separated by a comma are the mean and standard deviation of grades for the comparison group. The percentages show an estimate of the fraction of grades higher than the average grade in your course for the comparison group.
### 2013 Spring Course Evaluation Summary

<table>
<thead>
<tr>
<th>Semester:</th>
<th>2013 Spring</th>
</tr>
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<tbody>
<tr>
<td>Professor:</td>
<td>Grigoryan, Victor</td>
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<tr>
<td>Course:</td>
<td>MATH-212-2: Multivariable Calculus</td>
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<tr>
<td>Number Enrolled:</td>
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<td>Number of Forms:</td>
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<tr>
<th>Core/Language</th>
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<th>No</th>
<th>Maj.</th>
<th>Yes</th>
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<th>Maj.</th>
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<th>7</th>
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<tr>
<td>Req?</td>
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<td>0</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>4</td>
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<td>4</td>
<td>5.09</td>
<td>2.12</td>
<td>4.71</td>
<td>1.60</td>
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<th>Dept. Hours</th>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>CR</th>
<th>NC</th>
<th>Avg.</th>
<th>sd</th>
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<table>
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<tr>
<th>Division</th>
<th>College</th>
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<tbody>
<tr>
<td>Avg.</td>
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<tr>
<td>6.00</td>
<td>1.36</td>
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<tr>
<th>How many class meetings did you miss?</th>
<th>Yes</th>
<th>No</th>
<th>Ave</th>
<th>sd</th>
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<td>4</td>
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<table>
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<tr>
<th>Instructor accessible to students during office hours?</th>
<th>Yes</th>
<th>No</th>
<th>Ave</th>
<th>sd</th>
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<table>
<thead>
<tr>
<th>Student Participation</th>
<th>1 = Never</th>
<th>2 = Sometimes</th>
<th>3 = Almost Always</th>
<th>4 = Always</th>
<th>Ave</th>
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<table>
<thead>
<tr>
<th>The Instructor</th>
<th>1 = Never</th>
<th>2 = Sometimes</th>
<th>3 = Almost Always</th>
<th>4 = Always</th>
<th>Ave</th>
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<table>
<thead>
<tr>
<th>Course Outcomes</th>
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<th>2 = Sometimes</th>
<th>3 = Almost Always</th>
<th>4 = Always</th>
<th>Ave</th>
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<td>7</td>
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OCCIDENTAL COLLEGE
Student Course Evaluation
Spring Semester 2013

Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information
1. Course Number_ MATH 212-2
2. Title_ Multivariable Calculus.
3. Instructor_ Grigoryan, Viktor

4. Please indicate your class year.
   Fr
   Jr
   Sr
   Grad

5. Did you take this course to fulfill a CORE or language requirement?
   Yes
   No

6. Was this course required for your major?
   Yes
   No

7. Was this course required for your minor?
   Yes
   No

8. What was your interest in this subject prior to taking this course?

9. How many hours per week did you spend on this course outside class (average)?
   05 hrs.

10. How many class meetings did you miss?
    04 meetings

11. What grade do you expect to receive (choose one only)?
    A

Section One: Student Participation - This section asks you to evaluate your own participation in this course.

1. Did you seek an individual conference with the instructor?
   Yes
   No

2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours?
   Yes
   No

3. I asked questions in class or contributed to class discussions.
   Never
   Always

4. I came to class prepared.

5. I turned in assignments on time.

6. I came to class on time.

7. I had conversations with other students outside of class about topics discussed in this course.

8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)
   I was very interested in the concepts introduced to me. I just wasn’t very good at the more rudimentary parts of earlier calculus.

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course.

2. The instructor fulfilled his/her goals for the course.

3. The instructor organized information in a logical and cohesive fashion.

4. The instructions for assignments and/or laboratories were made clear.

5. The instructor communicated criteria for grading exams and assignments.

6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports).
Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear..............
   Strongly disagree Strongly agree
   O  O  O  O

8. The instructor stimulated intellectual enthusiasm for the material presented...
   Strongly disagree Strongly agree
   O  O  O  O

9. The instructor invited students to confer with him/her regarding this course...
   Strongly disagree Strongly agree
   O  O  O  O

10. The instructor encouraged questions from students...............................
    Strongly disagree Strongly agree
    O  O  O  O

11. The instructor directed questions to students to encourage critical analysis...
    Strongly disagree Strongly agree
    O  O  O  O

12. The instructor was responsive to students' questions about the material.......
    Strongly disagree Strongly agree
    O  O  O  O

13. The instructor provided a classroom environment in which you could learn from people of different backgrounds..............................................
    Strongly disagree Strongly agree
    O  O  O  O

14. Overall, the instruction in this course was excellent................................
    Strongly disagree Strongly agree
    O  O  O  O

15. What were the particular strengths in the instruction of this course? Please give examples where appropriate.
   (If you need more space please attach further comments.)

   Grigs is probably the smartest mathematician I have ever met, but he's so far beyond me/some of the students that he would do multiple steps in his head and expect us to follow people along with our 'calc 2' brain. However, he's good at explaining things to begin with.

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

   Take more time to go over the simpler parts that make up the backbone of the course i.e. do a review before you go over necessary 'calc 2' concepts.

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject. Strongly disagree Strongly agree
   O  O  O  O

2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject..................................................
   Strongly disagree Strongly agree
   O  O  O  O

3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively.......................................................
   b) Speaking clearly and effectively....................................................
   c) Reading critically and analytically..............................................
   d) Thinking critically and analytically..............................................
   e) Analyzing and/or solving problems..............................................
   f) Working effectively with others..................................................
   g) Working independently............................................................

4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

   I learned time is always good to have. The tests had too much stuff for too short a class.

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)

Tests too long/ too hard.
OCCIDENTAL COLLEGE
Student Course Evaluation
Spring Semester 2013

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Student Information
1. Course Number_ MATH 212-2 
2. Title_ Multivariable Calculus. 
3. Instructor_ Grigoryan, Viktor 

4. Please indicate your class year.
   - Fr
   - So
   - Jr
   - Sr
   - Grad

5. Did you take this course to fulfill a CORE or language requirement?
   - Yes
   - No

6. Was this course required for your major?
   - Yes
   - No

7. Was this course required for your minor?
   - Yes
   - No

8. What was your interest in this subject prior to taking this course?

9. How many hours per week did you spend on this course outside class (average)?

10. How many class meetings did you miss?

11. What grade do you expect to receive (choose one only)?

Section One: Student Participation - This section asks you to evaluate your own participation in this course.

1. Did you seek an individual conference with the instructor?
   - Yes
   - No

2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours?
   - Yes
   - No

3. I asked questions in class or contributed to class discussions.
   - Never
   - Always

4. I came to class prepared.

5. I turned in assignments on time.

6. I came to class on time.

7. I had conversations with other students outside of class about topics discussed in this class.

8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course.
   - Strongly disagree
   - Strongly agree

2. The instructor fulfilled his/her goals for the course.

3. The instructor organized information in a logical and cohesive fashion.

4. The instructions for assignments and/or laboratories were made clear.

5. The instructor communicated criteria for grading exams and assignments.

6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports)

Please continue on back side
Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear.............
   Strongly disagree | Strongly agree
   ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

8. The instructor stimulated intellectual enthusiasm for the material presented...
   Strongly disagree | Strongly agree
   ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

9. The instructor invited students to confer with him/her regarding this course...
   Strongly disagree | Strongly agree
   ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

10. The instructor encouraged questions from students.................................
    Strongly disagree | Strongly agree
    ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

11. The instructor directed questions to students to encourage critical analysis...
    Strongly disagree | Strongly agree
    ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

12. The instructor was responsive to students' questions about the material......
    Strongly disagree | Strongly agree
    ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

13. The instructor provided a classroom environment in which you could learn
    from people of different backgrounds..........................................
    Strongly disagree | Strongly agree
    ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

14. Overall, the instruction in this course was excellent............................
    Strongly disagree | Strongly agree
    ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

15. What were the particular strengths in the instruction of this course? Please give
    examples where appropriate.
    (If you need more space please attach further comments.)

   • Answer quizzes about HW problems
   • Peer sessions before exams and HW Feedback

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

   Hmm... it was really good so nothing.

   Topics on quiz should be on stuff after the HW is graded on that topic.

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject. Strongly disagree | Strongly agree
   ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject..........................................
   Strongly disagree | Strongly agree
   ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

3. This course increased my knowledge, skills, and/or personal development in the following areas:

   a) Writing clearly and effectively.............................................
      Strongly disagree | Strongly agree
      ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

   b) Speaking clearly and effectively..........................................
      Strongly disagree | Strongly agree
      ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

   c) Reading critically and analytically......................................
      Strongly disagree | Strongly agree
      ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

   d) Thinking critically and analytically....................................
      Strongly disagree | Strongly agree
      ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

   e) Analyzing and/or solving problems......................................
      Strongly disagree | Strongly agree
      ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

   f) Working effectively with others.........................................
      Strongly disagree | Strongly agree
      ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

   g) Working independently......................................................
      Strongly disagree | Strongly agree
      ○ ○ ○ ○ ○ ○ ○       ○ ○ ○ ○ ○ ○ ○

4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

   I learned stuff about Calculus.

Section Four: General Comments - Please use this space to make any additional comments regarding this course.
These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)
Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information
1. Course Number: MATH 212-2
2. Title: Multivariable Calculus.
3. Instructor: Grigoryan, Viktor
4. Please indicate your class year: Sr
5. Did you take this course to fulfill a CORE or language requirement?: Yes
6. Was this course required for your major?: Yes
7. Was this course required for your minor?: No
8. What was your interest in this subject prior to taking this course?: None
9. How many hours per week did you spend on this course outside class (average)? 5 hrs.
10. How many class meetings did you miss?: C meetings
11. What grade do you expect to receive (choose one only)?: D

Section One: Student Participation - This section asks you to evaluate your own participation in this course.
1. Did you seek an individual conference with the instructor?: Yes
2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours?: Yes
3. I asked questions in class or contributed to class discussions: Never
4. I came to class prepared: Always
5. I turned in assignments on time: Always
6. I came to class on time: Always
7. I had conversations with other students outside of class about topics discussed in this class: Always
8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)
   I was an active student in class and sought
   extra help/feedback.

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.
1. The instructor communicated his/her goals for this course: Strongly disagree
2. The instructor fulfilled his/her goals for the course: Strongly agree
3. The instructor organized information in a logical and cohesive fashion: Strongly disagree
4. The instructions for assignments and/or laboratories were made clear: Strongly agree
5. The instructor communicated criteria for grading exams and assignments: Strongly agree
6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports): Strongly disagree

Please continue on back side
Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear. 
   Strongly disagree: 0 0 0 0 0 0 0 0 0
   Strongly agree: 0 0 0 0 0 0

8. The instructor stimulated intellectual enthusiasm for the material presented.
   Strongly disagree: 0 0 0 0 0 0 0 0 0
   Strongly agree: 0 0 0 0 0 0

9. The instructor invited students to confer with him/her regarding this course...
   Strongly disagree: 0 0 0 0 0 0 0 0 0
   Strongly agree: 0 0 0 0 0 0

10. The instructor encouraged questions from students...
    Strongly disagree: 0 0 0 0 0 0 0 0 0
    Strongly agree: 0 0 0 0 0 0

11. The instructor directed questions to students to encourage critical analysis...
    Strongly disagree: 0 0 0 0 0 0 0 0 0
    Strongly agree: 0 0 0 0 0 0

12. The instructor was responsive to students' questions about the material...
    Strongly disagree: 0 0 0 0 0 0 0 0 0
    Strongly agree: 0 0 0 0 0 0

13. The instructor provided a classroom environment in which you could learn
    from people of different backgrounds...
    Strongly disagree: 0 0 0 0 0 0 0 0 0
    Strongly agree: 0 0 0 0 0 0

14. Overall, the instruction in this course was excellent.
    Strongly disagree: 0 0 0 0 0 0 0 0 0
    Strongly agree: 0 0 0 0 0 0

15. What were the particular strengths in the instruction of this course? Please give examples where appropriate.
   (If you need more space please attach further comments.)
   Professor Dr. Nguyen was very careful to make sure the students understood the previous material before moving on. He liked that he at the beginning of each class that he would ask for questions and would go over it so we would understand the material better before moving on. It was also extremely helpful during office hours.

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)
   I think there were some really hard topics in the first few weeks of the course, he could have spent a little more time on the easier things like partial derivatives and moved on from integrals, I am so confused!

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject.
   Strongly disagree: 0 0 0 0 0 0 0 0 0
   Strongly agree: 0 0 0 0 0 0

2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject.
   Strongly disagree: 0 0 0 0 0 0 0 0 0
   Strongly agree: 0 0 0 0 0 0

3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively.
   b) Speaking clearly and effectively.
   c) Reading critically and analytically.
   d) Thinking critically and analytically.
   e) Analyzing and/or solving problems.
   f) Working effectively with others.
   g) Working independently.

4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)
   I learned a lot from this course. I was especially helped by Professor Nguyen. He helped me understand the material and problem solving. He was very helpful and answered questions in class.

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)
OCCIDENTAL COLLEGE  
Student Course Evaluation  
Spring Semester 2013 

Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information

1. Course Number_ MATH 212-2
2. Title_ Multivariable Calculus.
3. Instructor_ Grigoryan, Viktor

4. Please indicate your class year................................................................. Fr o  o  o  o  o  o  o  Sr o  o  o  o  o  o  o  Grad

5. Did you take this course to fulfill a CORE or language requirement?........... Yes o  o  o  o  No o  o  o  o

6. Was this course required for your major?.............................................. Yes o  o  o  o  No o  o  o  o

7. Was this course required for your minor?............................................. Yes o  o  o  o  No o  o  o  o

8. What was your interest in this subject prior to taking this course?.............. None o  o  o  o  A great deal o  o  o  o

9. How many hours per week did you spend on this course outside class (average)? 8 hrs.

10. How many class meetings did you miss?.................................................. 0 3 meetings

11. What grade do you expect to receive (choose one only)?............................ A o  o  o  o  B o  o  o  o  C o  o  o  o  D o  o  o  o  F o  o  o  o  CR o  o  o  o  NC o  o  o  o

Section One: Student Participation - This section asks you to evaluate your own participation in this course.

1. Did you seek an individual conference with the instructor?...................... Yes o  o  o  o  No o  o  o  o

2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours?.......................................................... Never o  o  o  o  Always o  o  o  o

3. I asked questions in class or contributed to class discussions.................... Never o  o  o  o  Always o  o  o  o

4. I came to class prepared............................................................................ o  o  o  o  o  o  o  o

5. I turned in assignments on time................................................................. o  o  o  o  o  o  o  o

6. I came to class on time............................................................................... o  o  o  o  o  o  o  o

7. I had conversations with other students outside of class about topics discussed in this class................................................................. o  o  o  o  o  o  o  o

8. How would you evaluate your overall participation in this course? (if you need more space please attach further comments.)

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course...................... Strongly disagree o  o  o  o  Strongly agree o  o  o  o

2. The instructor fulfilled his/her goals for the course.................................. o  o  o  o  o  o  o  o

3. The instructor organized information in a logical and cohesive fashion........ o  o  o  o  o  o  o  o

4. The instructions for assignments and/or laboratories were made clear........ o  o  o  o  o  o  o  o

5. The instructor communicated criteria for grading exams and assignments.... o  o  o  o  o  o  o  o

6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports) o  o  o  o  o  o  o  o
Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear.......... O O O O O O
8. The instructor stimulated intellectual enthusiasm for the material presented.. O O O O O O
9. The instructor invited students to confer with him/her regarding this course... O O O O O O
10. The instructor encouraged questions from students........................................ O O O O O O
11. The instructor directed questions to students to encourage critical analysis.. O O O O O O
12. The instructor was responsive to students' questions about the material...... O O O O O O
13. The instructor provided a classroom environment in which you could learn from people of different backgrounds................................................................. O O O O O O
14. Overall, the instruction in this course was excellent.................................. O O O O O O

15. What were the particular strengths in the instruction of this course? Please give examples where appropriate. (If you need more space please attach further comments.)

- Professor was helpful during office hours
- Quizzes before tests are a great way of getting students to study before exams! Excellent idea!
- Tests were fair

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)
- Don't spend so much time in class letting students ask questions about homework. That's what office hours are for.
- Do more examples during lectures
- Organize lectures better, so you can get through the entire lesson.

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject. O O O O O O
2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject.......................................................... O O O O O O
3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively................................................................. O O O O O O
   b) Speaking clearly and effectively............................................................. O O O O O O
   c) Reading critically and analytically.......................................................... O O O O O O
   d) Thinking critically and analytically........................................................ O O O O O O
   e) Analyzing and/or solving problems......................................................... O O O O O O
   f) Working effectively with others.............................................................. O O O O O O
   g) Working independently............................................................................ O O O O O O
4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)

301011
OCCIDENTAL COLLEGE
Student Course Evaluation
Spring Semester 2013

Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information
1. Course Number_ MATH 212-2
2. Title_ Multivariable Calculus
3. Instructor_ Grigoryan, Viktor

4. Please indicate your class year
   Fr 0 Yes 0
   So 0 No 0
   Jr 0 No 0
   Sr 0 No 0
   Grad 0

5. Did you take this course to fulfill a CORE or language requirement? Yes 0
6. Was this course required for your major? Yes 0
7. Was this course required for your minor? No 0

8. What was your interest in this subject prior to taking this course? A great deal 0
9. How many hours per week did you spend on this course outside class (average)? 0 hrs.
10. How many class meetings did you miss? 0 meetings
11. What grade do you expect to receive (choose one only)? A 0

Section One: Student Participation - This section asks you to evaluate your own participation in this course.
1. Did you seek an individual conference with the instructor? Yes 0
2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours? Yes 0
3. I asked questions in class or contributed to class discussions Never 0
4. I came to class prepared 0
5. I turned in assignments on time 0
6. I came to class on time 0
7. I had conversations with other students outside of class about topics discussed in class 0
8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.
1. The instructor communicated his/her goals for this course Strongly disagree 0
2. The instructor fulfilled his/her goals for the course Strongly agree 0
3. The instructor organized information in a logical and cohesive fashion Strongly disagree 0
4. The instructions for assignments and/or laboratories were made clear Strongly agree 0
5. The instructor communicated criteria for grading exams and assignments Strongly disagree 0
6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports) Strongly disagree 0

Please continue on back side

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### Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear.............
   - [ ] Strongly disagree  [ ] Strongly agree
   - [ ]  [ ]

8. The instructor stimulated intellectual enthusiasm for the material presented.
   - [ ] Strongly disagree  [ ] Strongly agree
   - [ ]  [ ]

9. The instructor invited students to confer with him/her regarding this course...
   - [ ] Strongly disagree  [ ] Strongly agree
   - [ ]  [ ]

10. The instructor encouraged questions from students...........................
    - [ ] Strongly disagree  [ ] Strongly agree
    - [ ]  [ ]

11. The instructor directed questions to students to encourage critical analysis...
    - [ ] Strongly disagree  [ ] Strongly agree
    - [ ]  [ ]

12. The instructor was responsive to students' questions about the material.....
    - [ ] Strongly disagree  [ ] Strongly agree
    - [ ]  [ ]

13. The instructor provided a classroom environment in which you could learn
    from people of different backgrounds........................................
    - [ ] Strongly disagree  [ ] Strongly agree
    - [ ]  [ ]

14. Overall, the instruction in this course was excellent..........................
    - [ ] Strongly disagree  [ ] Strongly agree
    - [ ]  [ ]

15. What were the particular strengths in the instruction of this course? Please give examples where appropriate. (If you need more space please attach further comments.)

   Everyone struggled together =)
   This class was very conceptual, less calculations...

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

   More homework. More examples.
   No true and false.

### Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject.
   - [ ] Strongly disagree  [ ] Strongly agree  [ ] na
   - [ ]  [ ]

2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject..........................
   - [ ] Strongly disagree  [ ] Strongly agree  [ ] na
   - [ ]  [ ]

3. This course increased my knowledge, skills, and/or personal development in the following areas:
   - [ ] a) Writing clearly and effectively........................................
   - [ ] b) Speaking clearly and effectively....................................
   - [ ] c) Reading critically and analytically..................................
   - [ ] d) Thinking critically and analytically.................................
   - [ ] e) Analyzing and/or solving problems.................................
   - [ ] f) Working effectively with others.....................................
   - [ ] g) Working independently................................................
   - [ ] Strongly disagree  [ ] Strongly agree  [ ] na
   - [ ]  [ ]

4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

   Helped my problem solving skills. A lot of geometry, so I had to picture the shape before attempting the question. And then know whether the answer makes sense or not.

### Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)

   Too many false answers in exams...
   Need more homework/practie
Student Information

1. Course Number: MATH 212-2
2. Title: Multivariable Calculus
3. Instructor: Grigoryan, Viktor
4. Please indicate your class year: Jr
5. Did you take this course to fulfill a CORE or language requirement? Yes
6. Was this course required for your major? Yes
7. Was this course required for your minor? No
8. What was your interest in this subject prior to taking this course? A great deal
9. How many hours per week did you spend on this course outside class (average)? 3 hrs.
10. How many class meetings did you miss? 0 meetings
11. What grade do you expect to receive (choose one only)? A

Section One: Student Participation - This section asks you to evaluate your own participation in this course.

1. Did you seek an individual conference with the instructor? Yes
2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours? Yes
3. I asked questions in class or contributed to class discussions. Never
4. I came to class prepared. Always
5. I turned in assignments on time. Always
6. I came to class on time. Always
7. I had conversations with other students outside of class about topics discussed in this class. Always
8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.) Did a lot of work, didn't ask any questions.

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course. Strongly disagree
2. The instructor fulfilled his/her goals for the course. Strongly agree
3. The instructor organized information in a logical and cohesive fashion. Strongly disagree
4. The instructions for assignments and/or laboratories were made clear. Strongly agree
5. The instructor communicated criteria for grading exams and assignments... Strongly agree
6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports) Strongly agree

Please continue on back side

[Scantron form details]
Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear........... 0 0 0 0 0 0
8. The instructor stimulated intellectual enthusiasm for the material presented.. 0 0 0 0 0 0
9. The instructor invited students to confer with him/her regarding this course... 0 0 0 0 0 0
10. The instructor encouraged questions from students.................................. 0 0 0 0 0 0
11. The instructor directed questions to students to encourage critical analysis.. 0 0 0 0 0 0
12. The instructor was responsive to students' questions about the material....... 0 0 0 0 0 0
13. The instructor provided a classroom environment in which you could learn from people of different backgrounds................................................................. 0 0 0 0 0 0
14. Overall, the instruction in this course was excellent.................................. 0 0 0 0 0 0
15. What were the particular strengths in the instruction of this course? Please give examples where appropriate. (If you need more space please attach further comments.)

Instructor knows the subject very well

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

More clear testing, more examples, raise homework

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject. 0 0 0 0 0 0
2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject................................................................. 0 0 0 0 0 0
3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively................................................................. 0 0 0 0 0 0
   b) Speaking clearly and effectively................................................................. 0 0 0 0 0 0
   c) Reading critically and analytically............................................................... 0 0 0 0 0 0
   d) Thinking critically and analytically............................................................ 0 0 0 0 0 0
   e) Analyzing and/or solving problems............................................................ 0 0 0 0 0 0
   f) Working effectively with others................................................................. 0 0 0 0 0 0
   g) Working independently.............................................................................. 0 0 0 0 0 0
4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

Learned a lot, I think I am prepared for future math courses.

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)

301011
OCCIDENTAL COLLEGE
Student Course Evaluation
Spring Semester 2013

Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information

1. Course Number: MATH 212-2
2. Title: Multivariable Calculus.
3. Instructor: Grigoryan, Viktor

Section One: Student Participation - This section asks you to evaluate your own participation in this course.

1. Did you seek an individual conference with the instructor?
   - Yes
   - No

2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours?
   - Yes
   - No

3. I asked questions in class or contributed to class discussions.
   - Never
   - Always

4. I came to class prepared.

5. I turned in assignments on time.

6. I came to class on time.

7. I had conversations with other students outside of class about topics discussed in this class.

8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)
   - Adequate.

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course.
   - Strongly disagree
   - Strongly agree

2. The instructor fulfilled his/her goals for the course.

3. The instructor organized information in a logical and cohesive fashion.

4. The instructions for assignments and/or laboratories were made clear.

5. The instructor communicated criteria for grading exams and assignments.

6. The instructor provided helpful information regarding your performance on assigned work (e.g., exams, papers, oral presentations and lab reports).

Please continue on back side

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Section Two: The Instructor - Continued
7. When the instructor explained concepts, the explanations were clear.............
   Strongly disagree Strongly agree
   O O O O O O O
8. The instructor stimulated intellectual enthusiasm for the material presented...
   O O O O O
9. The instructor invited students to confer with him/her regarding this course...
   O O O O O
10. The instructor encouraged questions from students.................................
    O O O O O
11. The instructor directed questions to students to encourage critical analysis..
    O O O O O
12. The instructor was responsive to students’ questions about the material......
    O O O O O
13. The instructor provided a classroom environment in which you could learn
    from people of different backgrounds.............................................
    O O O O O
14. Overall, the instruction in this course was excellent..............................
    O O O O O
15. What were the particular strengths in the instruction of this course? Please give examples where appropriate.
    (If you need more space please attach further comments.)
    Explanations were good.

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

   Need more structure, be specific on topics for tests.
   Grading is unfair.

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject.
   Strongly disagree Strongly agree
   O O O O O O
2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject.
   O O O O O O
3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively..............................................
    O O O O O O O
   b) Speaking clearly and effectively...........................................
    O O O O O O O
   c) Reading critically and analytically.....................................
    O O O O O O O
   d) Thinking critically and analytically...................................
    O O O O O O O
   e) Analyzing and/or solving problems....................................
    O O O O O O O
   f) Working effectively with others........................................
    O O O O O O O
   g) Working independently....................................................
    O O O O O O O
4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

I learned to tackle strange problems.

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)
Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student information
1. Course Number_ MATH 212-2
2. Title_ Multivariable Calculus.
3. Instructor_ Grigoryan, Viktor

4. Please indicate your class year.................................................................Yes
5. Did you take this course to fulfill a CORE or language requirement?...........Yes
6. Was this course required for your major?..................................................Yes
7. Was this course required for your minor?..................................................
8. What was your interest in this subject prior to taking this course?.................
9. How many hours per week did you spend on this course outside class (average)?
   hrs.
10. How many class meetings did you miss?.................................................
11. What grade do you expect to receive (choose one only)?............................

Section One: Student Participation - This section asks you to evaluate your own participation in this course.
1. Did you seek an individual conference with the instructor?..............................Yes
2. If you answered yes to question 1 above, was the instructor accessible to
   students during posted office hours?.........................................................Yes
3. I asked questions in class or contributed to class discussions........................Never
4. I came to class prepared.................................................................Always
5. I turned in assignments on time..............................................................Always
6. I came to class on time.................................................................Always
7. I had conversations with other students outside of class about topics discussed
   in this class..................................................................................Always
8. How would you evaluate your overall participation in this course? (If you need
   more space please attach further comments.)

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.
1. The instructor communicated his/her goals for this course..........................
2. The instructor fulfilled his/her goals for the course.................................
3. The instructor organized information in a logical and cohesive fashion...........
4. The instructions for assignments and/or laboratories were made clear.........
5. The instructor communicated criteria for grading exams and assignments...
6. The instructor provided helpful information regarding your performance
   on assigned work (e.g., as exams, papers, oral presentations and lab reports)

Please continue on back side

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Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear...
   ... Strongly disagree Strongly agree
   O O O O O O O   O O O O O O O

8. The instructor stimulated intellectual enthusiasm for the material presented...
   ... Strongly disagree Strongly agree
   O O O O O O O   O O O O O O O

9. The instructor invited students to confer with him/her regarding this course...
   ... Strongly disagree Strongly agree
   O O O O O O O   O O O O O O O

10. The instructor encouraged questions from students...
    ... Strongly disagree Strongly agree
    O O O O O O O   O O O O O O O

11. The instructor directed questions to students to encourage critical analysis...
    ... Strongly disagree Strongly agree
    O O O O O O O   O O O O O O O

12. The instructor was responsive to students’ questions about the material...
    ... Strongly disagree Strongly agree
    O O O O O O O   O O O O O O O

13. The instructor provided a classroom environment in which you could learn from people of different backgrounds...
    ... Strongly disagree Strongly agree
    O O O O O O O   O O O O O O O

14. Overall, the instruction in this course was excellent...
    ... Strongly disagree Strongly agree
    O O O O O O O   O O O O O O O

15. What were the particular strengths in the instruction of this course? Please give examples where appropriate.
    (If you need more space please attach further comments.)

    The applications of theorems.

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

    If we can share some ideas on the computer
    so it's easier to visualize.

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject.
   ... Strongly disagree Strongly agree na
   O O O O O O   O O O O O O O

2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject.
   ... Strongly disagree Strongly agree na
   O O O O O O   O O O O O O O

3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively...
      ... Strongly disagree Strongly agree na
      O O O O O O   O O O O O O O
   b) Speaking clearly and effectively...
      ... Strongly disagree Strongly agree na
      O O O O O O   O O O O O O O
   c) Reading critically and analytically...
      ... Strongly disagree Strongly agree na
      O O O O O O   O O O O O O O
   d) Thinking critically and analytically...
      ... Strongly disagree Strongly agree na
      O O O O O O   O O O O O O O
   e) Analyzing and/or solving problems...
      ... Strongly disagree Strongly agree na
      O O O O O O   O O O O O O O
   f) Working effectively with others...
      ... Strongly disagree Strongly agree na
      O O O O O O   O O O O O O O
   g) Working independently...
      ... Strongly disagree Strongly agree na
      O O O O O O   O O O O O O O

4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

    Learn to build complex concepts & keep them in many different perspectives.
Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information

1. Course Number__MATH 212-2
2. Title__Multivariable Calculus.
3. Instructor_Grigoryan, Viktor

4. Please indicate your class year__Fr O Jr O Sr O Grad O
5. Did you take this course to fulfill a CORE or language requirement?__Yes O No O
6. Was this course required for your major?__Yes O No O
7. Was this course required for your minor?__Yes O No O

8. What was your interest in this subject prior to taking this course?__A great deal O

9. How many hours per week did you spend on this course outside class (average)?__10 O hrs.

10. How many class meetings did you miss?__0 O meetings

11. What grade do you expect to receive (choose one only)?__A O B O C O D O FR O NC O

Section One: Student Participation - This section asks you to evaluate your own participation in this course.

1. Did you seek an individual conference with the instructor?__Yes O No O

2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours?__Yes O No O

3. I asked questions in class or contributed to class discussions__Never O O O O Always O O O O

4. I came to class prepared__O O O O O O

5. I turned in assignments on time__O O O O O O

6. I came to class on time__O O O O O O

7. I had conversations with other students outside of class about topics discussed in this class__O O O O O O

8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)

always had new questions and participated in class

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course__Strongly disagree O O O O O Strongly agree O O O O O

2. The instructor fulfilled his/her goals for the course__O O O O O O

3. The instructor organized information in a logical and cohesive fashion__O O O O O O

4. The instructions for assignments and/or laboratories were made clear__O O O O O O

5. The instructor communicated criteria for grading exams and assignments__O O O O O O

6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports)__O O O O O O

Please continue on back side
Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear
   Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

8. The instructor stimulated intellectual enthusiasm for the material presented...
   Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

9. The instructor invited students to confer with him/her regarding this course...
   Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

10. The instructor encouraged questions from students...
     Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

11. The instructor directed questions to students to encourage critical analysis...
     Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

12. The instructor was responsive to students' questions about the material.......
     Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

13. The instructor provided a classroom environment in which you could learn from people of different backgrounds...
     Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

14. Overall, the instruction in this course was excellent...
     Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

15. What were the particular strengths in the instruction of this course? Please give examples where appropriate.
    The quizzes helped me to stay on track while studying.

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)
    With worksheets or typed notesheets would be extremely helpful as well as practice midterms.

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject.
   Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject.
   Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively...
      Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○
   b) Speaking clearly and effectively...
      Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○
   c) Reading critically and analytically...
      Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○
   d) Thinking critically and analytically...
      Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○
   e) Analyzing and/or solving problems...
      Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○
   f) Working effectively with others...
      Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○
   g) Working independently...
      Strongly disagree: ○ ○ ○ ○ ○ ○ ○ ○ ○

4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)
   I learned a lot about calculus (single and multivariable) which will help me with the latter math classes I pursue.

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)
OCCIDENTAL COLLEGE
Student Course Evaluation
Spring Semester 2013

Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information

1. Course Number_ MATH 212-2
2. Title_ Multivariable Calculus.
3. Instructor_ Grigoryan, Viktor
4. Please indicate your class year: .........................................................
   Fr  So  Jr  Sr  Grad
5. Did you take this course to fulfill a CORE or language requirement? ....
   6. Was this course required for your major? ........................................
   7. Was this course required for your minor? ........................................
   8. What was your interest in this subject prior to taking this course? ....
   9. How many hours per week did you spend on this course outside class (average)?
      00 hrs.
10. How many class meetings did you miss? .........................................
11. What grade do you expect to receive (choose one only)? .................

Section One: Student Participation - This section asks you to evaluate your own participation in this course.

1. Did you seek an individual conference with the instructor? ..................
   Yes  No
2. If you answered yes to question 1 above, was the instructor accessible to
   students during posted office hours? ..............................................
   Never  Always
3. I asked questions in class or contributed to class discussions ............
4. I came to class prepared..............................................................
5. I turned in assignments on time....................................................
6. I came to class on time..............................................................
7. I had conversations with other students outside of class about topics discussed
   in this class..............................................................................
8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)
   I had many questions, many answers, and many comments

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course...................
2. The instructor fulfilled his/her goals for the course...........................
3. The instructor organized information in a logical and cohesive fashion....
4. The instructions for assignments and/or laboratories were made clear....
5. The instructor communicated criteria for grading exams and assignments...
6. The instructor provided helpful information regarding your performance
   on assigned work (e.g., as exams, papers, oral presentations and lab reports)

Please continue on back side

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Section Two: The Instructor - Continued
7. When the instructor explained concepts, the explanations were clear.......... 0 0 0 0 0 0
8. The instructor stimulated intellectual enthusiasm for the material presented.. 0 0 0 0 0 0
9. The instructor invited students to confer with him/her regarding this course... 0 0 0 0 0 0
10. The instructor encouraged questions from students.............................. 0 0 0 0 0 0
11. The instructor directed questions to students to encourage critical analysis.. 0 0 0 0 0 0
12. The instructor was responsive to students' questions about the material....... 0 0 0 0 0 0
13. The instructor provided a classroom environment in which you could learn from people of different backgrounds.................................................. 0 0 0 0 0 0
14. Overall, the instruction in this course was excellent.......................... 0 0 0 0 0 0
15. What were the particular strengths in the instruction of this course? Please give examples where appropriate.
   (If you need more space please attach further comments.)
   It was a little quicker learning than expected but not difficult to keep up. Exams were difficult & a little convoluted, but answers were explained & made sense. HW helped with tests.
   If more examples were provided for concepts especially the first one.
16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject. 0 0 0 0 0 0
2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject................................................................. 0 0 0 0 0 0
3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively.............................................................. 0 0 0 0 0 0
   b) Speaking clearly and effectively............................................................ 0 0 0 0 0 0
   c) Reading critically and analytically........................................................ 0 0 0 0 0 0
   d) Thinking critically and analytically....................................................... 0 0 0 0 0 0
   e) Analyzing and/or solving problems..................................................... 0 0 0 0 0 0
   f) Working effectively with others............................................................ 0 0 0 0 0 0
   g) Working independently............................................................................ 0 0 0 0 0 0
4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)
It was very interested & I will continue w/my intended math minor
2005.7.18(kz):)

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)
Completing this questionnaire will help you evaluate your contribution to this course; it will also help instructors to improve the quality and effectiveness of their courses. Results from course evaluations will also be used in the faculty evaluation process. Please answer the questions printed below thoughtfully. This form will not be returned to the instructor until after grades have been turned in.

Student Information
1. Course Number_ MATH 212-2
2. Title_ Multivariable Calculus.
3. Instructor_ Grigoryan, Viktor

4. Please indicate your class year_ Jr
5. Did you take this course to fulfill a CORE or language requirement?_ Yes
6. Was this course required for your major?_ Yes
7. Was this course required for your minor?_ Yes
8. What was your interest in this subject prior to taking this course?_ A great deal
9. How many hours per week did you spend on this course outside class (average)?_ 3 hrs.
10. How many class meetings did you miss?_ A
11. What grade do you expect to receive (choose one only)?_ B

Section One: Student Participation - This section asks you to evaluate your own participation in this course.
1. Did you seek an individual conference with the instructor?_ Yes
2. If you answered yes to question 1 above, was the instructor accessible to students during posted office hours?_ Yes
3. I asked questions in class or contributed to class discussions_ Never
4. I came to class prepared_ Always
5. I turned in assignments on time_ Always
6. I came to class on time_ Always
7. I had conversations with other students outside of class about topics discussed in this class_ Always
8. How would you evaluate your overall participation in this course? (If you need more space please attach further comments.)

Great, I enjoyed the smaller class size compared to Calc I.

Section Two: The Instructor - This section asks you to evaluate the instructor of this course.

1. The instructor communicated his/her goals for this course_ Strongly disagree
2. The instructor fulfilled his/her goals for the course_ Strongly disagree
3. The instructor organized information in a logical and cohesive fashion_ Strongly disagree
4. The instructions for assignments and/or laboratories were made clear_ Strongly disagree
5. The instructor communicated criteria for grading exams and assignments_ Strongly disagree
6. The instructor provided helpful information regarding your performance on assigned work (e.g., as exams, papers, oral presentations and lab reports) _ Strongly disagree

Please continue on back side
Section Two: The Instructor - Continued

7. When the instructor explained concepts, the explanations were clear. o o o o o o o
8. The instructor stimulated intellectual enthusiasm for the material presented. o o o o o o o
9. The instructor invited students to confer with him/her regarding this course. o o o o o o o
10. The instructor encouraged questions from students. o o o o o o o
11. The instructor directed questions to students to encourage critical analysis. o o o o o o o
12. The instructor was responsive to students' questions about the material. o o o o o o o
13. The instructor provided a classroom environment in which you could learn from people of different backgrounds. o o o o o o o
14. Overall, the instruction in this course was excellent. o o o o o o o

15. What were the particular strengths in the instruction of this course? Please give examples where appropriate.

Quizzes where an effective study prep for exams.

16. Could the instruction of this course be made more effective? If so, how? (If you need more space please attach further comments.)

Yes, only the first few minutes should be directed towards student questions (15 min or less). Other questions should be addressed during office hours. This would help cover more of the material and we wouldn't have gotten so far behind.

Section Three: Course Outcomes - This section asks you to rate outcomes which courses often have. Any given course will have some of these outcomes, and others will not be applicable (na).

1. This course increased my basic knowledge and comprehension of the subject. o o o o o o o
2. This course improved my ability to analyze, synthesize and/or apply information regarding the subject. o o o o o o o
3. This course increased my knowledge, skills, and/or personal development in the following areas:
   a) Writing clearly and effectively. o o o o o o o
   b) Speaking clearly and effectively. o o o o o o o
   c) Reading critically and analytically. o o o o o o o
   d) Thinking critically and analytically. o o o o o o o
   e) Analyzing and/or solving problems. o o o o o o o
   f) Working effectively with others. o o o o o o o
   g) Working independently. o o o o o o o

4. Overall, how did you benefit from this course? (If you need more space please attach further comments.)

I feel much more confident in my calculus & math abilities. I think I'll be very well prepared for the mathematics of Physical Chemistry next year.

Section Four: General Comments - Please use this space to make any additional comments regarding this course. These comments are highly valued by instructors. Instructors also may pose specific questions for you to answer in this section. (If you need more space please attach further comments.)