Course: Analytic Geometry and Calculus III
Professor: Lyudmyla Barannyk
Office: 317 Brink Hall
Phone: (208) 885-6719
e-mail: barannyk@uidaho.edu
Office Hours: M 2:30 - 4:00 pm, Th 2:00-3:30 pm or by appointment
Book: Calculus 5th edition by James Stewart
Time: MWF 11:30 am - 12:20 pm
Location: Renfrew Hall 127

Course web site: http://www.webpages.uidaho.edu/~barannyk/Teaching/Math275.html

Topics:

- Vectors and the Geometry of Space (Chapter 13)
- Vector Functions (Chapter 14)
- Partial Derivatives (Chapter 15)
- Multiple Integrals (Chapter 16)
- Vector Calculus (Chapter 17)

Midterm Exams: There will be three in class midterm exams. Before each exam, we will dedicate one entire class period for review and preparation for the exam.

Midterm Exam 1: Friday, September 26
Midterm Exam 2: Friday, October 31
Midterm Exam 3: Friday, December 5

Calculator Policy: Calculators are not to be used on exams.

Homework: Homework will be assigned every week. Students are expected to read the corresponding sections of the book and do the assigned homework in order to gain a better understanding of the course material. The homework will not be collected or graded. Weekly quizzes will be based on these exercises.

Final Project: Final Project assignment will be distributed on Friday, December 5 and due on Friday, December 12 in class.

Quizzes: There will be weekly quizzes on Friday based on the assigned homework.

Course Grade:

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<th>Component</th>
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<tr>
<td>Midterm Exam 1</td>
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