Fall 2012

MATH 114  Analytic Geometry and Calculus II

Schedule:  TR 1:30 pm - 3:20 pm, Planetary Hall 129, No classes October 9, November 22.

Instructor:  Igor Griva, igriva@gmu.edu, (703) 993-4511

Office hours:  TR 3:30 pm - 4:30 pm, Planetary Hall, Rm 229

Recitations:  TBD

Prerequisites: Grade C or better for MATH 113.

Webpage:  http://math.gmu.edu/~igriva/math114.html


Course Compass ID: griva94976, http://www.coursecompass.com

Exams:  There are three 50 min exams:

Exam 1: September 20 (points 0 - 100)
Exam 2: October 18 (points 0 - 100)
Exam 3: November 15 (points 0 - 100)

Final Exam:  December 13, 1:30 pm - 4:15 pm, Planetary Hall 129, Chapters 6 – 10 (points 0 - 100)

Quizzes:  Quizzes may be given randomly (points 0 - 100)

Final score:  \[ F = 0.15*(\text{Exam 1}) + 0.15*(\text{Exam 2}) + 0.15*(\text{Exam 3}) + 0.25*(\text{Cumulative Final Exam}) + 0.15*(\text{Comp. assign.}) + 0.15*(\text{HW and quizzes}) \]

Final grade:  A:- 90 - 92;  A:  92 - 98;  A+:  98 - 100
B:- 80 - 82;  B:  82 - 88;  B+:  88 - 90
C:- 70 - 72;  C:  72 - 78;  C+:  78 - 80
D:  60 - 70;
F:  0 - 60;

Homework:  Homework will be assigned in the end of each class.

In general:  The course covers applications of integration, integration techniques, logarithmic and exponential functions, polar coordinates, parametric curves, infinite sequences and series.