

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>

Text: Briggs and Cochran, *Calculus Early Transcendentals*, Addison-Wesley, 2010, Chapters 6 – 10.

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: Decembr 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.