FALL 2013

MATH 105   Precalculus Mathematics

Schedule: MW 11:30 am -1:20 pm, Nguyen Engineering Building, Room 1101, No class on Sept 2, Oct. 14, and Nov 27, the class meets on Tuesday Oct15.

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

Office hours: M 2:30 -3:30 pm, W 7:30 – 8:30 pm, Exploratory Hall, Room 4114

Prerequisites: Passing the Math Placement Exam or completion the self-placed algebra tutorial

Webpage: http://math.gmu.edu/~igriva/math105.html

Text: Sullivan and Sullivan, *Precalculus: Concepts Through Functions, a Unit Circle Approach*, 2nd edition Prentice Hall 2007, Chapters 1 – 7.

Course Compass ID: griva12135, http://www.coursecompass.com

Exams: There are three midterm exams:

> Exam 1: September 23 (points 0 - 100)
> Exam 2: October 16 (points 0 - 100)
> Exam 3: November 11 (points 0 - 100)

Final Exam: December 16, 10:30 am - 1:15 pm, Nguyen Engineering Building, Room 1101, Chapters 1 – 7 (points 0 - 100)

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

Final score: $F = 0.15*(\text{Exam 1}) + 0.15*(\text{Exam 2}) + 0.15*(\text{Exam 3}) + 0.25*(\text{Cumulative Final Exam}) + 0.15*(\text{HW}) + 0.15*(\text{quizzes})$

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 serves as preparation for MATH 113-114. It covers functions (linear, quadratic, polynomial, rational, exponential, logarithmic, trigonometric) and graphs.

Test Rules: There will be no make up quizzes.

Calculators: No calculators will be allowed

Cell phones: All cell phones must be turned off

Math help: Office hours, Math Tutoring Center (Johnson Center room 344)

Honor Code: The Honor Code violators will be punished. See academicintegrity.gmu.edu for details