COURSE SYLLABUS

Course Number MATH 105-003	Course Title Precalculus
Spring Semester 2019	

Instructor: *Gabriela Bulancea*

Meeting Day, Time, and Room Number **Lectures: MW 10:30 AM – 12:20 PM, Robinson Hall B104**

Final Exam **Wednesday, May 8, 2019, 10:30 PM- 1:15PM**

Office Hours, Location, Phone TR 1:00-3:00 PM, Exploratory Hall, Room 4217 , or by appointment

E-mail gbulance@gmu.edu   **email is the best way to reach me**

Textbook: The textbook is *Precalculus*, 2nd edition, by Schulz, Sachs and Briggs. This is an interactive e-text only. There is no physical copy of the book. You will need a student access code for MyMathLab which is available in the bookstore. There is also a supplementary book "*Explorations and Notes*", which is a workbook associated with the content in the course. You can purchase a print edition of this or you can print the worksheets directly through MyMathLab.

Prerequisites: You must have either passed the Math Placement Exam or completed the Self-paced Algebra Tutorial Math 008.

Broad purpose of the course: We will cover Chapters 1-6 in the textbook, including: Algebra review, Polynomial, Rational, Exponential and Logarithmic Functions, and Trigonometry. The pace of the course is very fast. Successful completion of this course will require a serious time commitment.

Technology:

- **Calculators:** Because this course is designed as preparation for the Calculus 113-114 sequence, one of its primary goals is to help students acquire competence with basic algebraic and functional concepts and relationships. Accordingly, we will use calculators sparingly. I encourage you to attempt all homework problems without calculators, though some questions may require one. With rare exceptions, use of calculators will not be permitted during tests or the final exam. In the event that calculators are permitted, absolutely no sharing of calculators is allowed. Graphing and CAS capable calculators will never be permitted, the recommended calculator is a TI-30XIIS.

- **MyMathLab:** MyMathLab is an online, homework, tutorial and assessment system that accompanies your new textbook. Students can receive personalized study plans based on their results. The study plan diagnoses weaknesses and links students to tutorial exercises for objectives they need to study. In many cases students can also access video clips, PowerPoint presentations, and other animations for each section and from selected exercises.

    MyMathLab is NOT a program operated by GMU. If you are experiencing technical difficulties using the program, then you can email or chat with Customer Support directly through the Pearson Education Customer Service website. Go to 247pearsoned.custhelp.com for more information. Help is available 24 hours a day, seven days a week. You could also call the Pearson Customer Service and Technical Support number at 800-677-6337. DO NOT CALL THE GMU HELP DESK OR YOUR PROFESSOR!

Teaching and learning method: As a university student, you are responsible for your own learning. Lecture, demonstration, discussion, problem-solving, quizzes, tests, and group tasks will be used to help you learn. Class attendance and completion of assignments are expected.

Homework: Students are expected to read the sections to be covered in class prior to attending the class on that subject. There will be online homework problems **@ http://www.mymathlab.com** from each section, which will be graded. Occasionally I may assign written problems from your text. **MyMathLab course id:** *bulancea72797 (For instructions on how to register see the handout posted on Blackboard.)*
Homework assignments are provided with a help menu which includes links to things like videos, practice problems, similar examples, and the link to the textbook section pertaining to the material. Two homework assignments will be dropped.

Quizzes: Quizzes will cover material from the homework as well as lecture and will be similar to homework problems. In class quizzes will be given on Wednesdays. There may also be collaborative in-class assignments that will count as quiz grades. If you are not in class on the day a quiz or in class assignment is given, there will be no makeup, no exceptions. The lowest quiz will be dropped.

Tests: There is a tentative schedule for tests below. You are responsible for keeping up with all information announced in the classroom and on Blackboard. There will be no makeup tests. You may replace your lowest test grade with your final exam percentage. In order for this to happen *you* must write a note **above** your name on your final exam (ex. Please replace my ch 2 test grade of 0/100 with my final exam percentage).

Grading: Grades will be assigned according to the percent system given below:

15% Test 1 Wednesday, February 20
15% Test 2 Wednesday, March 27
15% Test 3 Wednesday, April 17
30% Final Exam
15% Homework
10% quizzes

The lowest quiz score will be dropped.
The grading scale will be:

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.

No collaboration is allowed on exams or quizzes. Any indication that you have worked together, used someone else's ideas, copied, or allowed a fellow student to copy your work is a violation of the George Mason Honor Code. Once you receive an exam or quiz, you are not allowed to leave the exam room until you are ready to turn the exam in.

Additional Help: The Math Tutoring Center in the Johnson Center, Room 344, offers help on a walk-in basis. See http://math.gmu.edu/tutor-center.php for the most current schedule.

UNIVERSITY POLICIES: The University Catalog, http://catalog.gmu.edu, is the central resource for university policies affecting student, faculty, and staff conduct in university academic affairs. Other policies are available at http://universitypolicy.gmu.edu/. All members of the university community are responsible for knowing and following established policies.

Honor Code: - It is expected that each student in this class will conduct himself or herself within the guidelines of the Honor Code. Among other things, this means that sharing information of any kind about exams or quizzes (either before or during the exam) will result at a minimum in a grade of zero for all parties involved. Violations will also be reported to the university Honor committee where further consequences such as probation or expulsion from the university may be incurred. See http://academicintegrity.gmu.edu/honorcode for a copy of the Honor code.

Disability Services: Reasonable accommodations are available for students who have a documented disability. Please contact Disability Services if you require accommodations: Office of Disability Services, Student Union Building I (SUB I), room 4205, Phone: 703-993-2474

COUNSELING AND PSYCHOLOGICAL SERVICES (CAPS): (703) 993-2380; http://caps.gmu.edu

Regarding electronic devices (such as laptops, tablets, cell phones, etc.), please be respectful of your peers and your instructor and do not engage in activities that are unrelated to class. Such disruptions show a lack of professionalism and may affect your participation grade. **This means that cell phones and computers are not to be used during class. Your cell phone (or any internet capable device) should be on silent or vibrate during lecture and I should be stored out of reach during tests or quizzes. If I notice you have a cell phone (or any internet capable device) within your reach during a test or quiz, then I will assume that it is an Honor Code violation and take appropriate action. This could result in you failing the assignment, failing the class or being suspended from the university.**