MATH 105 Precalculus **Fall 2018**

INSTRUCTOR Catherine Sausville *Email:* **csausvil@gmu.edu**
Exploratory Hall - 4418

OFFICE HOURS

Monday	11:00am-12:00pm
Wednesday	11:00am-12:00pm
	and by appointment

TEXTBOOK The textbook is *Precalculus*, 2^{nd} 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.

PREREQUISITE You must have either passed the Math Placement Exam or completed the Self-paced Algebra Tutorial no later than Tuesday. September 4th in order to add the course.

MATERIAL TO BE COVERED Generally, 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. A comfortable working knowledge of algebra is assumed. The demands of the course will require a serious time commitment. You are encouraged to sign on to Blackboard multiple times throughout the week so that you do not get behind.

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 <u>will not</u> 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 a powerful online, homework, tutorial and assessment system that accompanies your new textbook. Students can take assessments, and 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!

REQUIRED TECHNOLOGY We will be using the online learning system MyMathLab. To sign up, please go to the website mymason.gmu.edu and click sign-in using your GMU NetID. Click the **Math 105 Fall 2018** course link. On the left hand side there is a link for **MyMathLab**. In there, click the link for the **MyLab/Mastering Course Home** and follow the instructions.

You are required to have signed up for MyMathLab by class on Tuesday, September 5th

This course uses BlackBoard as the learning management system. You will need a browser and operating system that are listed compatible or certified with the BlackBoard version available on the myMason Portal. Log in to MyMason at mymason.gmu.edu to access this course.

Course Grades

Your final grade will be calculated as follows:

Homework	20%
Quizzes	10%
Tests (15% each)	45%
Final Exam	25%

Homework & Quizzes

Homework assignments will be listed on MyMathLab. The homework is broken into each section, however multiple sections may be due each week. Please pay attention to the due dates.

Homework will be available on Monday at the beginning of the week and will be due before class on Wednesdays and at 11:59pm on Sundays. For full credit you must submit your solutions to the homework during this designated time period. Homework submitted late will receive a 25% deduction.

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.

It is assumed that you will be reading the textbook and completing the Explorations and Notes sections before the next class. Be prepared at any time for me to have you bring specific pages of the Notes to class without notice as part of a graded homework assignment. These will be due at the beginning of class, no exceptions. An email will be sent by 7:00am the day these pages are due. Please make sure to keep up with them so that you do not miss the chance for these points.

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 & Final Exam

There are 3 tests scheduled in this class. Tests will cover material from the homework as well as the lecture, however test questions will usually be more challenging than homework and quiz questions.

It is expected that students will take the test in class at the scheduled time. If you are unable to be in class on the day of a test you must ask me beforehand (by email only) so that I can determine if your situation warrants a make-up test. **Do not assume you will be given a make-up unless you get confirmation from me.** You must be able to validate your excuse with documentation or you will not be allowed a make-up. The make-up test may be different and more difficult than the in-class test. You must make up the test by the next class period to receive full credit.

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.

Below is the tentative schedule of the tests, any changes will be announced in class or on

Blackboard. Exact material to be covered on the tests will be determined the class before the test. The final exam will be cumulative.

Test 1	Monday, September 24
Test 2	Monday, October 22
Test 3	Monday, November 26
Final Exam	Wednesday, December 12 (7:30am-10:15am)

Honor Code THIS IS IMPORTANT. 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. All work must be your own and submitted by you as the student registered for the class. The right is reserved to check a picture identification during any of the exams. Internet capable devices and other electronics are not allowed to be used or within your sight during exams. This includes but is not limited to calculators, computers, cell phones, tablets and smart watches. Any of these must be turned off and put away BEFORE an exam or quiz starts. Calculators may be used on the homework if necessary. See academicintegrity.gmu.edu for a copy of the Honor Code.

Cell Phones and Computers I expect to receive the same level of respect that I give to you. 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 not see them at all during tests or quizzes. If I notice you have a cell phone (or any internet capable device) in your line of sight 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.

Obtaining Help There are many outlets available for you to get help in this class. I understand that the pace of the class is very quick so I will try to be available as much as I can to students. In addition to my set weekly office hours, I am very happy to schedule appointments.**The Math Tutoring Center, is in the Johnson Center room 344 and offers free tutoring to Math 105 students.** I highly recommend using it. The schedule of the tutoring center can be found at http://math.gmu.edu/tutorcenter.htm.

Accommodations If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Services. All academic accommodations must be arranged through that office. Office of Disability Services Student Union Building I (SUB I), Room 4205 Phone: 703.993.2474

E-mail & Blackboard E-mail is an effective form of communication outside the classroom. I frequently send announcements through email so make sure that you activate and check your GMU email account regularly. All students are required to use their George Mason email for communication and for MyMathLab. Please put Math 105 in the subject field anytime you send me an e-mail. If you want to discuss your grade via e-mail it *must* be done using your GMU e-mail account. I will be using Blackboard 9.1 in this class to post class announcements, grades and other important information pertaining to the class. You can access this by going to mymason.gmu.edu and logging in using your NetID. Your NetID (which is also your email username) can be activated by going to the website

https://thanatos.gmu.edu/passwordchange/auth/gnum.jsp

Unscheduled and Late Closings

If the university has an unscheduled closing-because of weather or some other unforseen occurrence you should assume that we will pick up with the schedule where we left off. In particular, if a test was scheduled for a day in which school was canceled or an assignment was due that day you should assume that the test will be given or the assignment will be collected the next time class meets. If the university has a late opening on a class day we will begin class at the time the university opens. A test scheduled for a day the university opens late will be postponed until the next class day. Make sure you check your GMU e-mail account for any announcements.