Math 108 – Algebra and Trigonometry

Fall 2018 – Section 3 – Syllabus

Instructor: Raymond Fryc **Office:** WH-226

Email: `fryc@math.binghamton.edu` **Office Hours:** M: 2-3PM / F 1-2PM

Meeting Time/Place:
M,F : 9:40-10:40 / SW-331
T,R : 10:05-11:30 / SW-115

My Website: `http://www2.math.binghamton.edu/p/people/fryc/start`
*Course Website: `http://www.math.binghamton.edu/Math108/`

Course Objective:

The purpose of Math 108 is to equip students with math skills sufficient for the study of calculus. There is a review of basic algebra and the study of algebraic manipulations involving absolute value and/or inequalities, as well as the study of functions, including polynomials, rational functions, exponential and logarithmic functions. Approximately four weeks of the course is devoted to trigonometry. Achievement of the objectives is measured mostly by tests, as described under "Grading" below. Some emphasis will be placed on students' ability to express answers using correct and precise mathematical language.

Materials:

- Math 108 Course Pack, 7th edition

Policies:

- **Websites**
  - Plan to visit the course website at least once a week and check your B-mail daily. I also plan to use Blackboard to post grades as well as certain assignments.
  - Khan Academy, `https://www.khanacademy.org/`, has some great videos on some of our topics. They also have an app for your phone or tablet. The bulk of the videos appear under the algebra or Trigonometry and Precalculus headings. Note, this is not a substitute for attending class or reading the text.

- **Email**
  - My email address is listed above and can be used for any questions you may have. I will try to answer them in a timely manner. I will not answer emails received after 7:00pm, so please try to email me early with questions you may have.

- **Office Hours/Tutoring**
  - Although you may ask question via email, I would prefer that you work with someone face to face. I will be holding office hours at the above listed times and will be happy to help you. Appointments may also be made, but I would prefer you try to attend the listed hours. You are **expected** to attend tutoring any time you do not fully comprehend something!
  - The Discovery Center offers free tutoring for Math 108. See the course website for details.
  - EOP students also have access to the Tutorial Center and should utilize this service.

- **Attendance**
  - You are expected to attend each session meeting. I reserve the right to enforce university policy that allows an instructor to take punitive measure (including not allowing a student to take the final exam or even failing a student in the course) if a student is absent for 25% of classes.
  - If you have a university excused absence with a doctors note, this must be show to me within 2 class days of returning to class.
  - Late arrival to class will not be accepted (although it is better than not showing up.) If a homework assignment is collected that day, before you arrive, the assignment will not be accepted.

- **Grades**
  - The course grade will be determined based on the points accumulated by the student out of a possible 1000 points.
  - 150 pts will be given based on each of the 4 exams.
  - 300 pts will be given based on the final exam.
  - 100 pts will be given based on Quiz Scores or Homework
  - The grade distribution is as follows:

Total Points	Grade	Total Points	Grade
900-100	A	650-699	C+
850-899	A-	600-649	C
800-849	B+	550-599	C-
750-799	B	500-549	D
700-749	B-	0-499	F

  - Students using the Pass/Fail grading option need 500 points to recieve a Pass.

- **Homework**
  - Homework will be assigned each night and may be collected at the beginning of the next class. Homework will not be collected every day, but you are expected to still complete all assignments. You will not be told ahead of time if an assignment will or will not be collected. Late assignments will not be accepted for any reason. If you plan to be out assignments can be sent to me through email, but must be received before class time. Blank assignments/problems will receive 0pts. You are expected (and encouraged) to be able to do every problem in the book.

- **Quizzes**
  - Quizzes will be given almost every week. For the most part they will be take home, but I may periodically have in class quizzes. Quizzes may be annouced or unannouced.

- **Mathematical Writing/Literacy**
  - Part of the goal of this course is to teach you to write and think clearly and logically. You may be docked points for not being neat includingg not boxing answers, illegible or messy hardwriting, and stuffing problems into small spaces. You are also expected to show as much work as possible to clearly covey your point. When in doubt show more work. In addtion, you may be docked points for your paper not being stapled or your paper having the frayed edges from notebooks.You are expected to write and speak like a mathematician. This means using symbols, terms, and definitions apropriately as well as working neatly to convey your ideas.
- **Mathematical Maturity**
  - This course hopes to develop a certain level of mathematical maturity. Although this includes (and is how you will be graded) your knowledge of the concepts were are learning, mathematical maturity is about your mindset. Math is intended to be a struggle, it's in the struggle that you learn. I want to see that students are struggling, but still working through a concept as best they can.

- **Make-up Exams**
  - I do not plan to give make-up exams, except in the direst of circumstances (series student illness or death in the immediate family). If you have an emergency, do everything you can to contact me as soon as possible. Do not wait until the next class meeting.

- **Phones and electronics**
  - Cell phones and other electronic devices (including but not limited to laptops, ipods, ipads, tablets, etc.) are not allowed in class. Calculators will not be used and should not be brought to class. Use of these devices during quizzes or tests, may result in you receiving a 0 for the quiz or test.

- **Classroom decorum**
  - There will be no tolerance for side conversation, sleeping or eating in class, disruptive behavior, or tardiness.

- **Academic Honesty**
  - All students are expected to uphold a policy of academic honesty and integrity. This means that all work you submit including homework, tests, and quizzes should be your own work. If acts of academic dishonesty occur the appropriate consequences will be enforce according to the Student Academic Honesty Code.

- **Special Accomodations**
  - Any student in need of special adaptations or accommodations due to a documented disability should speak with me within the first two weeks of class. Students requesting accommodations based on a disability must register with Services for Students with Disabilities located in University Union Room 119 (777-2686). Every effort will be made to help you master the course content in an effective and appropriate way.

- **Overall**
  - Your success in this course is important to me. When my students succeed it is truly the best feeling in the world. Please let me know if there is some way I can help you throughout the course.

Important Dates for Math 108

- **Tests:** Dates for the tests and final exam are below.
  (See the course website for details about exams).

  - **Test 1: Tuesday, September 18th**
    * Chapters 1, 2.1, 2.2, 3

  - **Test 2: Tuesday, October 9th**
    * Chapters 4, 5.1-5.3, 6

  - **Test 3: Tuesday, November 6th**
    * Chapters 7, 10, 11, 2.4

  - **Test 4: Tuesday, December 4th**
    * Chapters 8

  - **Final: TBA**
    * Cumulative (Chapters 1-11)

  - The Final is scheduled by the registrar and is not flexible. DO NOT make travel arrangements that will require you to leave campus prior to the final exam. All sections will take the exam at the same time in the same room. Students who have a valid schedule conflict with the date or time for the final exam will have the chance to have their situations addressed a few weeks before the end of the semester. See website for details.

- **Other Important Dates**

Date	Event
Sep. 3rd	No Class
Sep. 5th	Special Class Day?
Sep. 5th	Course Add/Drop Deadline
Sep. 10-11th	No Class
Oct. 11-14th	No Class
Oct. 30th	Course Withdraw and Change Grade Option Deadline
Nov. 21-25th	No Class
Dec. 7th	Last Day of Class

Information on this syllabus is subject to change based on the discretion of the instructor.