

# BEP 2019 – Summer 2019

## Math 100B– Syllabus

**Instructor:** Raymond Fryc

**Office:** LH-04

**Email:** rfryc1@binghamton.edu

**Office Hours:**

Wed / Thurs 8:45-10:45 P.M.

**Meeting Time/Place:** M-F: 8:20am-9:50am / LN-2403

### **Purpose:**

This course is designed to determine where each of you stands in mathematics and what course would be best for you to take in the Fall 2018 semester. All of the covered material will be intermediate algebra skills (Possibly some Pre-Calc, we will have to see) and will be things you have seen before in high school. Although the course will be challenging, as we will be covering as much material as possible very quickly, I have the upmost confidence that you will leave with a better understanding and confidence in mathematics.

### **Materials:**

There will be no textbook provided for the course. Therefore having a notebook, and of course something to write with, along with taking notes everyday will be important. You should bring these materials to every meeting.

### **Policies:**

- **Websites**
  - myCourses and B-mail, Check both daily!
- **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 10:00pm, so please try to email me early with questions you may have, especially about exams.
- **Office Hours/Tutoring**
  - Although you may ask questions via email, I would prefer that you work with someone face to face. There will be tutors available in LH-04, Sunday through Thursday, during the Mandatory Study Hours. I will also be holding office hours as listed above. You should be able to show me or the TAs that you have attempted the homework and have taken sufficient notes in class. You are **expected** to attend tutoring any time you do not fully comprehend something! It is ultimately your responsibility to have questions completed and correct. Do not expect the tutors or I to do the problem for you in office hours.

- **Attendance**

- You are expected to attend each session meeting. NO unexcused absences are allowed. Absences will only be excused in extreme circumstances and must be supported by a letter or note from the EOP Director. The penalty for one unexcused absence will be the lowering of your final grade by a full letter. If you are absent a second time without proper documentation, the highest grade you could receive is a C. Three unexcused absences will result in your failure in the course.
- As in the above, lateness is not acceptable. If you are late twice, that will count as one unexcused absence and your grade will be affected accordingly. Four lates will result in at most a C, and six lates will result in an F.

- **Homework**

- Homework will be assigned each night and is expected to be completed for the next day's class. Homework will be collected and graded twice a week on Tuesdays and Thursdays. All previously uncollected assignments will be collected on those days. Depending on the assignment, I may choose to only grade a few of the problems. This will be done at my discretion and will not be told to you ahead of time. Thus you should complete the entire homework assignment. Blank problems will receive 0 points. Success in mathematics is about practice and it will be important for you to develop a routine of completing homework on a daily basis. This will be important throughout your semesters at Binghamton.
- Homeworks will be posted on MyCourses. It is your responsibility to check for the posted assignments.
- Homeworks are expected to be neat (answers boxed, no notebook edges). Homeworks that are not neat may not be graded. Points may be given for attempting to answer all problems.

- **Grades**

- Exams 75%
- Quizzes/Homeworks 25%
- There will be an exam at the end of each week unless otherwise indicated. Exams will cover the material done in class that week. There may be a few quizzes, either announced or unannounced.
- Current Exam Dates are F-7/12, R-7/18, F-7/26
- Potential Grade Ranges
  - A 90%-100%
  - B 80%-89%
  - C 70%-79%
  - D 60%-69%
  - F 0%-59%

- **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. We also ask that you do not use electronic devices during office hours.

- **Classroom decorum**
  - There will be no tolerance for side conversation, sleeping or eating in class, disruptive behavior, or tardiness. Students who participate in these behaviors will be reported to the director.
- **Mathematical Maturity**
  - This course hopes to develop a certain level of mathematical maturity that you will need for the Fall. Although this includes (and is how you will be graded) your knowledge of the concepts we 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. This also means that our pace of instruction will be determined by how well everyone understands the topics. We intend to push and find those spots where students are struggling.
- **Mathematical Literacy**
  - You are expected to write and speak like a mathematician. This means using symbols, terms, and definitions appropriately as well as working neatly to convey your ideas.
- **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 enforced according to the “Student Academic Honesty Code.”
- **Topics we may cover**
  - Basic numeracy and Real Numbers, Fractions, Order of Operations, Solving equations/inequalities, Exponents, Polynomial Operations, Factoring, Linear Functions, Systems of Equations and Inequalities, Rational expressions, Radicals, Functions, Graphing, and Solving equations of various types.
  - Topics may be removed or added at my discretion.
- **Awards**
  - Two awards will be given to high-performing individuals and will be presented at the awards dinner. The student with the highest grade (most points earned) will receive one, and the other will go to either the “most improved” or “hardest working” individual.
  - Kudos/shout outs may also be given throughout the summer.
  - Feel free to email me as well if you feel you have been helped by a particularly good TA, instructor, or fellow student. Everyone likes to know when they are doing a great job.
- **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 of the summer. I will be happy to talk to you.

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