

MAP102: Proficiency Algebra Review Summer Session II 2021 – Self-Study COURSE SYLLABUS

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Format: This course is an online self-study, self-paced review to prepare for the Stony Brook mathematics placement exam and qualify for MAT122 and MAT123. There are no exams and no assignments to hand in.

Course Description: A noncredit, online, intensive review of topics from high school algebra as preparation for placement into statistics, precalculus, calculus and other mathematics. Numerical and algebraic operations, exponents, polynomials, rational expressions, graphing, analytic geometry of lines, solving linear and quadratic equations in one variable, solving linear systems in two variables, polynomials, factoring algebraic expressions, absolute value, inequalities, and the Binomial theorem.

Textbook: There is no textbook associated with this course. You will instead be provided with resources such as videos and practice problems designed to help you learn the material.

Blackboard: You will use [Blackboard](#) throughout the course to access assignments and other material. Use your NetID to log into Blackboard (get your NetID and set password in SOLAR). All online materials and instructions will be listed under “Resources”.

Topics: There is a listing on Blackboard -> *Resources*. Only cover the material that you want to improve on and skip the rest.

Exams: there are no formal exams given in this course

Grading: Satisfactory completion of the course corresponds to placement Level 3 or higher on the Stony Brook mathematics placement exam. Since the course is no credit, the grade received (A, B, C, U, I) will not count towards your GPA but will show on your transcript. Students not achieving at least a Level 3 on the placement exam will receive a U (unsatisfactory) in the course. Students who do not take the placement exam will receive an I (incomplete).

Which passing grade you will receive in the course (A, B, C) is dependent on (1) your score on the placement exam and (2) the level of completion for assignments. For instance, getting a student scoring 28/30 will be more likely to get an A in the course than one who scores 22/30.

Placement Exam Info: Your goal will be to get at least 22/30 on Part I, which is Level 3 and will qualify you to take MAT122 (Overview of Calculus) or MAT123 (Precalculus). You may be able to schedule taking the placement exam before the end of the session if you have worked through all the preparation material and have scored well on the practice exams but, keep in mind, **you can only take the placement twice in 12 months** and likely you already took it once at orientation. In other words, only take it when you are positive you are ready or else, if you do not score enough points to get a Level 3, you will be de-registered to take MAT123 and any other co-requisites. **Otherwise, you will take the placement exam during the week of August 9th in Frey, room 109.** You will be given the opportunity to pick from 4 dates.

Office Hours: You have the opportunity to schedule time to video chat with me one-on-one – many 15-minute time slots are offered every week. You can get clarification on the lecture material, ask for help on anything from the problem set or ask general questions such as advice on how to best prepare for the placement exam. The [scheduling link](#) is posted on Blackboard.

Homework: There is no graded homework in this course but there will be many practice problems available on Lumen, a NO COST online platform, designed to help prepare you for the Math Placement Exam.

Problem Set Guidelines:

1. Look through the topics and pick only the ones that you want to review. It's not necessary to study them all.
2. Working through problems is crucial to the transition from understanding lecture materials to being able to successfully answer questions about it. Even after you finish a problem set, work through them again multiple times to solidify it in your mind.
3. You will have the opportunity to ask questions on any and all assignments during virtual office hours or you can send me an [email me at debra.krieg@stonybrook.edu](mailto:debra.krieg@stonybrook.edu). Attaching a screenshot of the work you've done so far is most helpful.

Additional Review Material: In addition to the Lumen problem sets, there is much more review material on Blackboard -> *Resources*. I highly recommend you go through both the worksheets (especially the pre-algebra since there are no videos for these topics) as well as the interactive test bank.

Concerns: I truly want you to succeed in this course. If you have ANY problem related to the course, please feel free to discuss it with me *in a timely fashion* so I can best assist you.

Americans with Disabilities Act: If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Student Accessibility Support Center, 128 ECC Building, (631) 632-6748, or at sasc@stonybrook.edu. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

Academic Integrity: Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty is required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty please refer to the academic judiciary website at http://www.stonybrook.edu/commcms/academic_integrity/index.html

Critical Incident Management: Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of University Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures. Further information about most academic matters can be found in the Undergraduate Bulletin, the Undergraduate Class Schedule, and the Faculty-Employee Handbook.