

## Course Description

**Course description:** The goal of the course is to build an algebraic foundation for precalculus/calculus study. We will learn how to solve linear and quadratic equations, draw graphs of linear and quadratic functions, solve linear systems in two variables, solve linear inequalities. We will discuss exponents, polynomials and rational functions.

Note: This course is not for credit and does not count towards one's cumulative GPA, but the grade does appear on one's transcript, counts towards the semester GPA, and counts towards credit enrollment. It is necessary to pass this course with a grade of C or better to move onto MAT 118, 122, 123 or AMS 101 (you may also enter AMS 101 with a 2+ on the placement exam, but admittance into other courses mentioned requires a 3 or a passing grade in MAP 103). This course does NOT satisfy the DEC C requirement but does satisfy the S1 skills requirement.

**Course coordinator:** Julia Viro. E-mail: [julia@math.sunysb.edu](mailto:julia@math.sunysb.edu)

**Textbook:** Miller, O'Neill, Hyde, *Intermediate Algebra*, fourth edition, McGraw Hill.

**Blackboard** is a resource to get the information about course materials, assignments, grades, announcements, contacts. Check it regularly.

**Homework** will be assigned weekly through Blackboard and collected in class. Late homework will not be accepted.

**Exams:** Exam 1(in-class) is on the first class on week September 30-October 4.

Exam 2 is on Thursday, October 31st at 8:45pm-10:15pm.

Exam 3 is on Tuesday, December 10th at 2:15pm-5:00pm.

**Grading system:** Your grade for the course will be based on the exams results and homework. Each exam will consist of two parts: part C and part AB. Part C includes basic problems which you have to solve completely and correctly. Part AB includes more advanced problems.

In order to get C as a letter grade, you have to do at least 60% of the homework correctly and fulfill the requirements of part C on **all** exams, that is to solve **all** the problems from part C completely and correctly.

In order to get a grade **higher** than C, you have to do at least 60% of the homework correctly, fulfill the requirements of part C on **all** exams, and get some positive score in part AB.

**Make-up policy:** You can make up incorrectly solved problems from part C of the exams during the office hours of your instructor. No make-ups are allowed for homework and part AB of the exams. No make-ups are allowed if you miss an exam without serious and **documented** reason. (A doctor note stating that you have visited the doctor's office for whatever reason will **not** be accepted as an excuse for not taking an exam.)

**Calculators** will not be permitted on the exams. We will concentrate on conceptual aspects of the material rather than computational ones.

**Math Learning Center (MLC)** is a place where you can get free tutoring help with any of your math concerns. No appointment is required, just come in and ask for help. MLC is located in the basement of Math building, room S-240A. Website is [www.math.sunysb.edu/MLC/index.html](http://www.math.sunysb.edu/MLC/index.html)

**Disability support services (DSS) statement:** If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact Disability Support Services (631) 6326748 or <http://studentaffairs.stonybrook.edu/dss/>. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website: [www.stonybrook.edu/ehs/fire/disabilities/asp](http://www.stonybrook.edu/ehs/fire/disabilities/asp).

**Academic integrity statement:** 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 are required to report any suspected instance of academic dishonesty to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at [www.stonybrook.edu/uaa/academicjudiciary](http://www.stonybrook.edu/uaa/academicjudiciary)

**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 Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, and/or inhibits students' ability to learn.