

**STONY BROOK UNIVERSITY  
MATHEMATICS DEPARTMENT**

**FUNDAMENTALS OF ARITHMETIC AND ALGEBRA**

**SYLLABUS – MAP 101 - FALL, 2016**

**Course instructor:** Miriam Flynn  
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**Office Hours:** Monday, Wednesday 12:00 – 2:00pm, and by appointment

**Class:** MW 2:30 pm – 3:50 pm in SOC N-104

**Course description:** The goal of this course is to review and practice basic arithmetic skills and build a foundation for algebra study. The course will include working with natural numbers, integers, rational numbers and real numbers. The arithmetic operations of addition, subtraction, multiplication, and division on these number systems will be mastered. The concept of a variable will be introduced. This will lead to constructing algebraic expressions and solving linear equations and word problems

**Note:** This course is intended for students who have never studied algebra. It does not satisfy the entry skill in mathematics requirement or the D.E.C. category C requirement. Students who have otherwise satisfied D.E.C. category C may not register for this course. Overqualified students as determined by a placement test may be deregistered and directed to transfer to another course. It does not count toward graduation. A through C/Unsatisfactory grading only. The Pass/No Credit option may not be used.

**Attendance:** mandatory

**Blackboard** will be the main source of communication and needs to be checked regularly. All information about course materials, assignments, grades, announcements, etc. will be found there.

**Homework** will be assigned weekly through Blackboard. It will be collected in class and graded. To receive full credit, all work must be shown for each problem. Late assignments will not be accepted.

**Tests** will be given (three to five) during the semester in class. They will be cumulative.

**Grades** will be based on attendance (20%), completed homework (40%) and tests (40%). There will be the opportunity to make up incorrect work.

**Final Exam** is on Tuesday, December 13th at 5:30pm-8pm.

**Calculators** will not be used in class. We will concentrate on conceptual aspects of arithmetic and algebra rather than computational ones.

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

**Americans with Disabilities Act:** If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC(Educational Communications Center) Building, Room 128, [\(631\)632-6748](tel:(631)632-6748). They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.<http://studentaffairs.stonybrook.edu/dss/index.shtml>.

**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](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.