

MAT121-M002

Probability and Statistics for the Liberal Arts I

SUMMER I, 2015

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Office Hours: Tuesday and Wednesday: 1:00-2:00 PM

Mathematical Prerequisites and Restrictions: MAT 121 has no formal prerequisites; however, it is desirable that students have a reasonable level of competence in high school algebra. MAT 121 is a prerequisite for MAT 122. A student cannot receive credit for MAT 121 after completing STT 101 or any MAT course numbered above 180 with a grade of C or better.

MAT 121 and the Liberal Arts Core: The sequence MAT 121 – MAT 122 can be used to satisfy the quantitative skills requirement of the liberal arts core in the College of Arts and Sciences.

Texts: Elementary Statistics with Finite Mathematics, Custom Edition for Syracuse University, Math 121 & 122, and the Minitab Manual that goes with the 12th edition of Elementary Statistics by Mario F. Triola. Both textbooks are **required**.

Computer Labs: Periodically we will meet in a computer lab to complete statistical exercises and experiments using Minitab software.

Quizzes and Homework: Homework will be assigned at the end of each section and it is for your practice. It will not be handed in; it will not be graded. Quizzes will be based on the homework.

Exams: There will be two midterm exams and a final exam on June 25, 2015. You will be allowed to use your textbook and calculator during exams, **but will not be allowed to use any notes**. Cell phones or any other devices capable of wireless communication are not allowed.

Make-up Exams: No make-up exam will be given. Instead of a make-up exam the score of the final exam will be counted twice towards the missing test and the final exam. But the student must convince the instructor that there is a very good reason for missing the exam.

Calculation of Course Grade: Your overall score for the term is computed as follows:

Overall score = (.20)(test 1) + (.20)(test 2) + (.20)(final exam) + (.20)(average of lab scores)+ (.20)(average of quizzes' scores).

Your letter grade for the term then comes from the following table.

Overall score x	Letter Grade	Overall score x	Letter Grade
$0 \leq x < 60$	F	$80 \leq x < 83$	B-
$60 \leq x < 70$	D	$83 \leq x < 86$	B
$70 \leq x < 73$	C-	$86 \leq x < 90$	B+
$73 \leq x < 76$	C	$90 \leq x < 93$	A-
$76 \leq x < 80$	C+	$93 \leq x \leq 100$	A

Students with Disabilities: If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), <http://disabilityservices.syr.edu>, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations. Making arrangements with ODS takes time. Do not wait until just before the first test.

Calculator: Your calculator should be able to take square roots. But TI83/84 plus is highly recommended.

Available student assistance: Instructor office hours, Math Clinic, and Review sessions.

Academic Integrity: Syracuse University sets high standards for academic integrity. Those standards are supported and enforced by students, including those who serve as academic integrity hearing panel members and hearing officers. The presumptive sanction for a first offense is course failure, accompanied by the transcript notation "Violation of the Academic Integrity Policy". The standard sanction for a first offense by graduate students is suspension or expulsion. Students should review the Office of Academic Integrity online resource "Twenty Questions and Answers About the Syracuse University Academic Integrity Policy" and confer with instructors about course-specific citation methods, permitted collaboration (if any), and rules for examinations. The Policy also governs the veracity of signatures on attendance sheets and other verification of participation in class activities. Additional guidance for students can be found in the Office of Academic Integrity resource: "What does academic integrity mean?"

Religious Observances Policy. SU religious observances policy recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to are religious observance provided they notify their instructors before the end of the second week of classes. For fall and spring semesters, an online notification process is available through MySlice (Student Services -> Enrollment -> My Religious Observances) from the first day of class until the end of the second week of class.

Tentative Schedule

Day	Date	Section(s)
Monday	05/18	1.2, 1.3 & 1.4
Tuesday	05/19	2.2 & 2.3
Wednesday	05/20	2.4 & Lab
Thursday	05/21	3.2 & 3.3
Monday	05/25	Memorial day, No class
Tuesday	05/26	3.4
Wednesday	05/27	Lab & Review
Thursday	05/28	Exam 1
Monday	06/01	4.2 & 4.3
Tuesday	06/02	4.4 & 4.5
Wednesday	06/03	4.6
Thursday	06/04	Lab & 5.2
Monday	06/08	5.3 & 5.4
Tuesday	06/09	6.2
Wednesday	06/10	6.3 & Review
Thursday	06/11	Exam 2
Monday	06/15	6.4 & 6.5
Tuesday	06/16	6.7 & Lab
Wednesday	06/17	7.2
Thursday	06/18	7.3
Monday	06/22	7.4
Tuesday	06/23	Review
Wednesday	06/24	Review
Thursday	06/25	Final Exam