

MATH 111 DEPARTMENT OF MATHEMATICS
UNIVERSITY OF MARYLAND, COLLEGE PARK
General Information for Tim Pilachowski's sections

TEXT: *Math 111 Introduction to Probability* by S. T. Tan (Thomson Cengage Learning), Custom Edition Fall 2011, ISBN: 1133397514

Recommended: *Finite Mathematics Student Solution Manual*, by S.T. Tan Cengage Learning. Custom Edition Fall 2011, ISBN: 1133363075

INSTRUCTOR: Tim Pilachowski TJP@math.umd.edu **BE SURE TO INCLUDE "Math 111" IN THE SUBJECT LINE.**

COURSE INFO & SCHEDULE: follow links from <http://www.math.umd.edu/~tjp>

OFFICE: Math building room 3316, 301-405-5150

OFFICE HOURS: see <http://www.math.umd.edu/~tjp>

TUTORING ROOM Math Building room 0301 see <http://www.math.umd.edu/~tjp>

Be sure to take advantage of FREE available tutoring in the Math building (room 0301) and in the Math Success program (Sun. thru Thurs., 6 to 9 pm). For schedules, click on the "Resources" link at <http://www.math.umd.edu/undergraduate>. Tests from prior semesters are also available through this link.

This course gives an introduction to some of the basic principles of counting, probability theory, random variables, conditional probability, normal and binomial distributions, law of large numbers, confidence intervals, and the central limit theorem. A schedule of topics is provided on the [Course Schedule](#) page. Lecture notes will be posted on <http://www.math.umd.edu/~tjp>. Students should be aware that credit cannot be earned for both Math 111 and Stat 100, though it may be appropriate for some students to take these combinations of courses. Some homework may require the use of a graphing calculator. Calculators will be allowed for use on tests and quizzes.

Expect to spend on an average at least 2 hours on homework per hour of class time (this includes reviewing, doing problems, checking and correcting them and reading the new material for the next class). The practice problems listed on the course schedule page represent the type of question you should be able to answer for each topic. Practice homework will be assigned but not collected.

Quizzes: There will be a quiz during each discussion lasting between five and ten minutes. Quizzes will be very similar to the practice homework.

Three 50-minute exams will be given (see dates on the course schedule page). **Old exams are available on the web: follow the "Resources" link at <http://www.math.umd.edu/undergraduate>.** The [Mathematics Tutorial Databank](#), a set of online tutorials, can also be accessed by following the same link.

There will be a late-afternoon review session prior to each of the exams, conducted by a Math 111 instructor. The dates and times will be announced and will also be posted in the hallways of the Math Building.

The Learning Assistance Service in Shoemaker Hall is available to provide information and resources, including: *How to Study for Math 111* booklet, reducing math anxiety, studying and test-taking skills, as well as processing and learning mathematics. Follow links from <http://www.math.umd.edu/~tjp>.

The University has a nationally recognized Honor Code, administered by the Student Honor Council. The pledge, approved by the University Senate, reads: "I pledge on my honor that I have not given or received any unauthorized assistance on this assignment/examination." Unless specifically advised to the contrary, the Pledge should be handwritten and signed on all tests in this course. In conjunction with the University's Code of Academic Integrity, allegations of academic dishonesty will be reported to the Honor Council.

Excused absences will be given only with documentation and only for valid medical reasons, university business, or appearances in court. Absence for medical reasons on days when exams are scheduled requires documentation of the illness, signed by a health care professional. Excused quizzes will not be used in computing the final grade. Make-up quizzes will not be given. Any unexcused worksheets or tests will be counted as a "0", including the final exam. **Any student with a valid reason to be excused from any test must contact the instructor prior to the test and present documentation in the next class session attended.** Messages may be left via email, or by calling the Mathematics mailroom @ 301-405-5047.

To ensure success in this course students are expected to attend both lecture and discussion regularly, do homework as assigned, and seek help when necessary. Many resources are available: textbook, instructor, discussion TAs, friends, tutors, old tests available on the web, Learning Assistance Services in the Shoemaker Building, etc. Be thorough and complete when doing homework (checking, correcting, and making note of questions to ask).

The student's grade will be determined as follows:

The grading scale is:

Discussion Quizzes	100 points	A: 90 - 100%
Tests	300 points	B: 80 - 89%
<u>Final Exam</u>	<u>200 points</u>	C: 70 - 79%
Total	600 points	D: 60 - 69%

For dates of Exams, link to [Course schedule, Tim Pilachowski's sections](#).