STAT 401 DEPARTMENT OF MATHEMATICS
UNIVERSITY OF MARYLAND, COLLEGE PARK
General Information for Tim Pilachowski's sections

TEXT: *Probability and Statistics for Engineering and the Sciences* (New 9th edition) by J. Devore (Cengage Learning, **ISBN: 9781305763029**) The shorter "custom edition" will not suffice – you'll need chapters 7, 8, 9, 10, 12 and 14 for Stat 401.
Practice exercises and hand-in homework are from the 9th edition, US version. If you are using the 7th edition, 8th edition or the International version, coordinate with someone else in the class to make sure you are answering the same questions.
INSTRUCTOR: Tim Pilachowski   TJP@math.umd.edu **BE SURE TO INCLUDE "Stat 401" IN THE SUBJECT LINE.**
COURSE INFO & SCHEDULE: follow links from http://www2.math.umd.edu/~tjp/
OFFICE: Math building room 3316, 301-405-5150
OFFICE HOURS: see http://www2.math.umd.edu/~tjp/

Stat 401 is an introductory course in statistics, teaching basic concepts and techniques and applications of these techniques to different fields. Specific topics covered include the Central Limit Theorem, confidence intervals, hypothesis tests, analysis of variance,and linear regression. Stat 400 is a prerequisite. The course will cover chapters 7, 8, 9, 10, 12 and 14 of the text. A detailed schedule of topics is provided on the Course Schedule page (follow links from http://www2.math.umd.edu/~tjp/ to get to the Stat 401 page). Lecture outlines are also posted on the Stat 401 page. The use of a calculator that can do statistical functions is recommended for this course. Also, you will need access to Minitab software (available in the WAM computer labs on campus).

Expect to spend an average of 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. Graded homework assignments will be assigned more-or-less weekly and submitted at the beginning of class on the due date. *Do the practice problems from the textbook first, to get a feel for the material, before working on the hand-in questions.* In general, deadlines for graded homework will not be extended, and make-up assignments will not be given.

Two 75-minute exams will be given (see dates on the course schedule page). **Some old exams are available on the web: click on the links at http://www-math.umd.edu/undergraduate/resources.html.**

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. In general, make-up homework assignments will not be given. Any unexcused homeworks 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 my office phone @ 301-405-5150.

To ensure success in this course, attend lecture (and discussion, if applicable) regularly, do homework as assigned, and seek help when necessary. Many resources are available: textbook, instructor, tutors, old tests, 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:
Homework	50 points	A: 90 - 100%
75-Minute Tests	100 points	B: 80 - 89%
Comprehensive Final Exam	100 points	C: 70 - 79%
Total	250 points	D: 60 - 69%

For dates of Exams, link to the Stat 401 page from http://www2.math.umd.edu/~tjp/.