

MATH 1530 - Elementary Probability & Statistics – Spring 2012
Section P07 (2:00-2:55 p.m. M-R) & Section P08 (3:05-5:05 p.m. MW) in MC 221

INSTRUCTOR:	Robert (Bobby) Jackson
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OFFICE HOURS:	M-R 12:55-1:50 pm, F 10:45-11:45, or by appointment
CATALOG COURSE DESCRIPTION:	Topics include elementary probability theory, concepts of descriptive statistics, discrete and continuous distributions, hypothesis testing, confidence intervals, sample sizes, correlation, regression, multinomial and contingency tables. Noncalculus based. Computer applications will be investigated.
PREREQUISITES:	High school algebra I and algebra II and ACT math score of at least 19; or Transitional Studies math requirements or equivalent math placement score.
MASTER SYLLABUS:	Posted at http://www.pstcc.edu/departments/adv/syllabi/2010/math/math1530.html
TEXTBOOK:	<i>Essentials of Statistics</i> , Triola, 4th edition (e-book versions available in MSL) Students will be expected to read the covered sections of this textbook.
OTHER REQUIRED EQUIPMENT & MATERIALS:	<ol style="list-style-type: none">1. Textbook & <i>Statdisk Student Laboratory Manual and Workbook</i>, Triola, 10th edition2. STATDISK provided on CD in back of textbook <i>or</i> available online at http://www.statdisk.org/.3. Access to MyStatLab (MSL). This access is currently bundled with new books (or e-books) in our bookstore. May be purchased separately.4. A graphing calculator that performs one- & two-variable statistics. The TI-84 is highly recommended. The TI-84 will be used in class demonstrations.
ATTENDANCE:	Students must attend at least 75% of all scheduled classes. Thus, students who are absent for more than 14 class meetings for Section P07 or more than 7 class meetings for Section P08 will receive a grade of “F”. Attendance is counted starting from the first official class meeting. Attendance is taken at the beginning of class. If a student arrives late it is their responsibility to remind me to mark them present.
STUDENT CONDUCT:	Students are expected to conduct themselves as civil and law-abiding members of our academic community. Any behavior that is disruptive or in violation of the rules and regulations of PSCC can result in removal or exclusion of the student from the course. Please be respectful of other students’ right to have an environment that is conducive to learning. Do not carry on conversations with other students while I am lecturing. Please turn off cell phones or place them in silent mode before class starts. Plagiarism, cheating and other forms of academic dishonesty are prohibited. In addition to other possible disciplinary sanctions that may be imposed through the regular Pellissippi State procedures as a result of academic misconduct, the instructor has the authority to assign an F or a zero for the exercise or examination OR to assign an F in the course.
EXTENDED COLLEGE CLOSURE:	Pellissippi State Community College is committed to the educational process and student learning. In the event of a prolonged college closure (of at least a week), I will e-mail the students by means of Pellissippi State’s e-mail system (your e-mail address that ends with @pstcc.edu) and inform them how we will continue the course. The students will be responsible for checking their Pellissippi State e-mail account in such an event. I will also place announcements on my web page (see above) or on D2L: https://elearn.pstcc.edu .
EMAIL COMMUNICATION:	Please check your @pstcc.edu email account. I will from time to time send out reminders and other information to students using their PSCC email addresses.

HOMework:	<p>The key to success in this course is through attempting and understanding the assigned exercises from the text and MSL as well as any additional problems I assign. If you attempt and understand all the homework, you should do well on exams in this course.</p> <p>I have assigned exercises from the text book as well as within MSL. Your MSL homework will count 10% of your grade. You should read the relevant sections and work through relevant examples from the text before attempting your homework. Please do not fall behind in doing homework. I will be able to keep track of your progress on MSL.</p>
LAB:	<p>There will be lab assignments for most chapters (see tentative class schedule). These assignments will account for 10% of your grade and may involve the use of the statistical software Statdisk and/or a calculator.</p>
OUTSIDE ASSIGNMENTS:	<p>Throughout the semester, assignments involving data collection and outside research will be given. Some of these may involve the use of the Web. Calculations and/or the use of Statdisk may be required as well. I plan on having five of these assignments. These assignments will constitute 10% of your grade.</p>
TESTS:	<p>There will be five regular tests and one mandatory comprehensive final exam. See the Tentative Class Schedule for dates. No makeup tests will be allowed. The lowest test score will be dropped and only the four highest regular test grades will be used. Each test will constitute 14% of your grade. PLEASE USE PENCIL AND ERASER ON TESTS. Graphing calculators will be allowed for use on tests. Statdisk & MSL will NOT be allowed for use on tests. Students will be allowed to use the formula sheet with tables found within the text. This is also available for printing from the Math Help Website (see below).</p> <p>The final exam will be comprehensive and multiple-choice. See tentative class schedule for date and time for final exam. Students must take the final exam to pass the course. It will constitute 14% of your grade.</p>
COURSE GRADE:	<p>Your course grade will be the weighted average of the four highest regular tests (56%) (14% each), MSL homework (10%), laboratory grade (10%), outside assignments (10%), and the comprehensive final (14%).</p>
GRADING SCALE:	<p>A: 93-100%; B+: 88-92%; B: 83-87%; C+: 78-82%; C: 70-77%; D: 60-69%; F:<60%</p>
ACCOMODATIONS:	<p>Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform me immediately, privately after class or my office. Students must present a current accommodation plan in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins Building Room 134 or by phone at 539-7153.</p>
HELP:	<p>Please see or call (539-7060) me during office hours or make an appointment if you have any questions about homework or any of the material discussed in class. I am your primary resource for help. You may also email me (rtjackson@pstcc.edu) with questions and I will reply as soon as possible. Other resources include:</p> <ol style="list-style-type: none"> 1. The Math Help Web Site. This site has a lot of good resources including calculator help & links to helpful sites for data collection. 2. The Learning Center on the third floor of the ERC. There is help here from other students and math instructors. There should be a schedule available soon of when statistics help is available. 3. Videos covering course topics are available in D2L (online course link). 4. Smarthinking is a new online tutoring service that is available to all PSCC students 24 hours a day, 7 days a week. 5. Your classmates! I think it would be beneficial for each student to find someone else in the class to work on homework, study, and generally look out after each other. Working with others will, I believe, enhance your retention and understanding of the material.