STAT 141B(93774)--BASIC STATISTICAL METHODS
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Fall 2014

INSTRUCTOR: Dr. Mun Son,
OFFICE HOURS: TR: 2:30 – 4:00 pm

Rm 309, 16 Colchester Ave, Lord House,
656-4329(O), 879-0721(R), 734-2521(CP)
mson@uvm.edu (Communications via e-mail)

Basically I keep an open door policy (or by appointment).

TEXTS: Intro Stats, De Veaux, Velleman, Bock, 4th edition, Pearson, 2012/2014. Important: You will also need an access code to use Pearson “MyLab and Mastering”, our Homework Portal. This comes with the UVM bookstore text package. Homework for the course is required through the online application, MyStatLab. You can purchase the code for MyStatLab online at http://pearsonmylabandmastering.com/?cc. (There is one copy of this text on reserve at the Bailey Howe Library Reserve Desk)

CLASSROOM & CLASS HOURS: TR: 1:00 – 2:15 pm, Hills 122

GRADUATE TEACHING ASSISTANT: Mr. Nick Coombs, nccoombs@uvm.edu
Office Hours: Wed: 4:00-6:00 pm; Thu 10:00-11:00 am
Office:Rm 301 3rd Floor of Pearl House (use the entrance on the right side of the building) (12 Colchester Ave., Bldg. between Math Dep’t and Dewey Bldg.), Office Phone: 656-3372

Other STAT 141 TAs below: You can see any of them for help.

TA Office Hours for STAT 111 and 141: TA Office Hours for students in STAT 111 and STAT 141 will be held according to the following schedule throughout the Fall 2014 semester, except during UVM holidays and recesses. The TA offices are located on the 3rd floor of Pearl House.
Mon: 12:00 – 2:00, Chad Foley
Tue: 10-11, Chad Foley; 11-12, Jake Feldman/Katherine King; 2-3, Sam Kriegman; 4-5, Lucy Greenberg
Wed: 9-10:30, Chad Foley; 4-6, Nick Coombs/Katherine King
Thu: 10-11, Nick Coombs; 11-12, Jake Feldman; 2-3, Sam Kriegman

MyLab & Mastering

Student Registration Instructions

MyStatLab is an online homework system developed and maintained by the course textbook's publishing company (Pearson). All of the course homework is done using the MyStatLab system.

To register for Stat 141B Fall 2014:
2. Under Register, click Student.
3. Enter your instructor’s course ID: son86497, and click Continue.
4. Sign in with an existing Pearson account or create an account:
   • If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click Sign in.
   • If you do not have a Pearson account, click Create. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor’s online course:
   • Use the access code that came with your textbook or that you purchased separately from the bookstore.
   • Buy access using a credit card or PayPal.
   • If available, get 14 days of temporary access. (Look for a link near the bottom of the page.)
6. Click Go To Your Course on the Confirmation page. Under MyLab & Mastering New Design on the left, click ‘Basic Statistical Methods’ to start your work.

Retaking or continuing a course?
If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

To sign in later:
2. Click Sign in.
3. Enter your Pearson account username and password. Click Sign in.
4. Under MyLab & Mastering New Design on the left, click ‘Basic Statistical Methods’ to start your work.

Additional Information
See Students > Get Started on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.

* If you do not have a cable, DSL, or other high-speed connection, plan to use a computer at a local library (or UVM) so that you can efficiently access materials (take headphones).

Graphing Calculator: You will need one for the course. Preferably, a TI84 or 84Plus, though a TI83 is fine, too.

**JMP** -- Statistical computing package: You’re required to use it for the Project, and it is suggested that you use it for homework sometimes. It is available to all UVM students for free -- you do not have to buy it. Go [https://www.uvm.edu/software/](https://www.uvm.edu/software/) and choose your platform (PC or Mac -- not available for Linux), then choose the latest JMP (not the Pro version). If you have trouble downloading, contact the helpline (802-656-2604) or check here for other types of help: [http://www.uvm.edu/it/help/](http://www.uvm.edu/it/help/). There will be an orientation schedule on JMP by TA and/or by me in class.

General Format of Course: The text for this course has a large number of short chapters. Each chapter will be covered in one or two class meetings. You should read the chapter before class, for the best results. You’ll be assigned online homework on MyLab for each chapter, and the due date/times will be posted on MyLab. There will be some hand-written assignments that you’ll complete on paper, and bring to class (no electronic submission for these). In addition to text work, there will be an individual project, analyzing data and writing a report. There will be two midterms and a final exam.

“Review Quiz” Assignment at MyStatLab (15% worth of course grade) : There will be numerous “review quiz” assignments throughout the semester. We will be using the MyStatLab system for all of the assignments. Assignment is a great opportunity to practice what we review in class. It is okay to collaborate with your fellow students when working through difficult concepts or problems, but every student is responsible for his/her own assignment. Assignment deadlines and expectations are made very clear (see course calendar). It is strongly recommended that you complete the assigned review quiz immediately following the lecture. If you begin the assignment right after the lecture the material is fresh in your mind. This way you can identify
and address any potential problem areas in a timely manner. A late penalty deduction of 10% per day late will be applied to assignment that is submitted beyond the due date.

Be careful to read all instructions in the MyStatLab system carefully. MyStatLab is an electronic system that grades your assignment automatically, so be careful not to make “silly” mistakes – scores will not be adjusted for these types of issues (i.e. differences in rounding). The vast majority of students have no problems of this sort throughout the semester, however sometimes a small number of students can be frustrated by expected rounding precision required by MyStatLab. It is possible we don’t cover all the contents of review quiz questions. You are not responsible for the materials we don’t study in class for tests. You can also solve “homework” at the MyStatLab for your own good even if they are unassigned.

Cell Phones/Laptops: Please turn off cell phones during class; no texting during class. If your cell phone rings during class or if you are seen reading or responding to text messages during class, you will be responsible for bringing cookies or some such treat to class for all to enjoy. No laptops open during class. The subject material doesn't work well with taking notes on a laptop, and they become distracting to you and others. Please see me if you have concerns about these policies.

Learning Goals:
The main goal of this course is for the student to become statistically literate. The goal is not to memorize a lot of formulas and procedures, but to understand the thinking that goes into using data to understand the world, so that students can use statistical results, and basic statistical methods successfully in their field of study and in daily life.

1: Students should gain an understanding of and appreciation for the utility and limitations of data and statistical methods for solving real-world problems.
2: Students should gain an appreciation for the methods of data collection, including an understanding of potential pitfalls, biases, and ethical issues.
3: Students should gain facility with the terminology, notation, and tools generally found in an introductory statistics course. In particular, students should be comfortable reading and understanding an article citing summarized statistics, and be able to dissect it into relevant course-related components.
4: Students should demonstrate a basic understanding of the laws and rules of probability, and how they relate to statistics, particularly the ideas of randomness and statistical significance.
5: Students should demonstrate facility with basic statistical methods, including confidence intervals and hypothesis tests, and more importantly, students should understand when a
particular method is appropriate, and how to appropriately interpret results in the context of a stated problem.

6: Students should be able to formulate and communicate solutions to problems in clear, grammatically correct, precise English.

Class: We look forward to seeing each other in class every day. Those who do well and ultimately receive the highest grades in STAT 141, typically are absent from class NO MORE THAN one or two times. It's possible for some to get by with irregular class attendance, but real understanding and success is unlikely. It should also be noted that examination questions often address issues that have been introduced in class, and may not necessarily appear in your book or lab manual.

Try to avoid arriving late to class or departing early. This can disrupt the quality of our academic venture. If you must leave before class is finished, please notify me ahead of time.

Progress Schedule: Basically, Test 1 on Parts I-III; Test 2 on Parts III-V; Final will be comprehensive.

**GRADING:** The homework assignments are in the MyStatLab. You just need to solve questions in the MyStatLab according to the due dates. You don’t need to hand in any hard copies of the solutions for the MyStatLab assignments. It is possible that I will assign some exercise problems in the textbook.

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<thead>
<tr>
<th>Assignment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework Assignments</td>
<td>15%</td>
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<tr>
<td>(review quizzes on MyStatLab)</td>
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<tr>
<td>Project (Due Tue, 12/2/14)</td>
<td>05%</td>
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<tr>
<td>Exam 1 (Tue, 9/23/14)</td>
<td>25%</td>
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<tr>
<td>Exam 2 (Tue, 10/28/14)</td>
<td>25%</td>
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<tr>
<td>Final (cum, Fri 12/5/14 10:30-1:15, Hills 122)</td>
<td>30%</td>
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ADD/DROP: 9/8(Mon), WITHDRAWAL: 10/27(Mon);
Thanksgiving Recess: 11/24 – 11/28 (M-F);
Classes End – 12/3(Wed)
Early Registration for Spring 2015 begins early November.
First Day of Classes for Spring 2015: Jan 12 (Mon).

P.S. – You can receive the tutoring help through the Learning Co-op. Please call the Co-op (656-4075), or visit their web site http://www.uvm.edu/~subtutor/