STCC201 Course Information

Course Description:
Basic statistical techniques are presented. These techniques include but are not limited to: data collection, sampling principles, graphical techniques for data display, distributions, estimation and confidence intervals, regression and correlation, categorical data, and testing procedures. Statistical concepts will be presented and enhanced through the use of numerous “real life” data sets and case studies.

Prerequisite: One of the following M120A, M120B, MCC120A or MCC120B.

Instructor: Rick Gumina
Room 104 Statistics Building
Phone 491-5330

E-mail: gumina@stat.colostate.edu
Office Hours: 7:30 – 8:30 T R
Office Hours: 1:30 – 3:00 T R

Homepage: http://www.stat.colostate.edu/~gumina

Teaching Assistants’ office hours:
This semester we are fortunate to have three teaching assistants working on the STCC201 instruction team. They are Amy Kagey, Sam Broderick and Sybil Mendonca. We will be handing out a schedule containing information about room location, office phone, office hours, etc. as soon as their class schedules are finalized.

Text and Supplies:
1) The text is Statistical Ideas and Methods, by Jessica Utts and Robert Heckard. The book should come bundled with a CD containing exercises and data sets as well as information for signing up for the iLrn class management system. In addition, an audience response clicker should be bundled with a new textbook. This is required.

2) A TI30X IIS calculator. This is available in the bookstore and runs around $16. Actually, you can have any calculator that will compute 2 variable statistics. I can support the TI30X IIS model as well as the TI82 and TI83. I don’t know how to use the Casio or HP models so you’ll need to have the manual if you want help with these.

Course Structure:
With the exception of Lecture section 003, the class will meet twice weekly in multi-sectional groups for lectures. Lectures are currently scheduled for Tuesdays and Thursdays at either 9:00 or 11:00 AM. New topics will be presented in the lectures. A syllabus is provided so that you can stay up to date. Textbook reading assignments are included on the schedule. The purpose of the lecture is to present new material and concepts. Little attention is paid to arithmetic computations. Detailed examples involving the calculations will be worked out in the recitations.

In addition to the lecture section all STCC201 students must be enrolled in a recitation (lab) section. These sections are much smaller and provide an environment to review lecture material, work problems, and take quizzes and exams. Materials to be returned will be given back during recitation so it’s important that you attend the section for which you’re registered.

Lab sections do meet the first week of class so please plan on attending this Friday.
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Grading:

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<th>Component</th>
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<tbody>
<tr>
<td>Worksheets (Recitation/Computer)</td>
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<tr>
<td>Quizzes (Recitation/Computer)</td>
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<td>Assignments (Recitation/Computer)</td>
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<td>Labs (Recitation/Computer)</td>
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<td>Final Exam</td>
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<td>Extra Credit</td>
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Your recitation instructors keep current grade records on the “iLrn” class management tool. You should check your grades regularly to be sure that we have an accurate assessment of your performance. If a grade anomaly should arise, please see your recitation instructor first as (s)he will be more helpful than I in resolving the problem.

A word about consideration of others:

A) **Food**: If you’re going to bring food please ....no eating crunchy things like carrots, chips etc. And don’t eat stuff packed in those noisy cellophane wrappers or packages.

B) **Newspaper**: If you choose to read the paper instead of paying attention to your colleagues’ questions and my lecture please choose one page and read it all hour. Turning pages when everyone else is trying to listen is distracting to me and others.

C) **Cell phones/pagers**: This should be common sense community courtesy…but I’ll say it anyway. If you carry a cell phone or a pager please turn it off or in the quiet mode during class. Having the phone ring or a beeper go off is inconsiderate, annoying, and downright rude!

D) **Young Children**: The demographics of the university population are changing to reflect a larger proportion of parents of young children. As a father myself I realize that sometimes unavoidable circumstances arise where childcare arrangements fall through. I would prefer we meet privately to discuss the day’s class material rather than have you bring your child to class. Young children (adolescents too, actually) can be very unpredictable and expecting a child to remain quiet and entertained for 50 minutes is unreasonable. Please be considerate of your child, your colleagues, and me.

E) **Be on TIME!!** Class starts promptly at the appointed time. Please be on time and on task.

F) **Class Dismissal**: Please don’t be packing up 3 or 4 minutes before class ends. It’s distracting. I promise I’ll end class at the appointed time and no later.

G) **Trash Disposal**: Unless your mothers are following you around please take any trash with you and dispose of it properly. Observe the code of the wilderness… “If you pack it in .... Then you pack it out!”