I  **Course Title:**  Elementary Statistics Stat 104 Section 06 3 credits

CRN: 42158

**Instructor:** Pinchas R. Schreiber

**Office Hours:** MW 4:20 – 5:05 p.m.

Office: Maria Sanford 211 or 219

e-mail: schreiberpir@ccsu.edu (put Stat 104 in subject line)

**Class Meetings:** MW 3:05 – 4:20 p.m. in MS 207

II  **Prerequisite:**  Math 101 (C- or higher) or Placement Exam

I.  **III Students for whom the course is intended:**  Stat 104 is intended for students who wish to become familiar with the methods of descriptive and inferential statistics. Stat 104 may be counted toward General Education Skill Area II. As of June 2009, it is a part of the following major programs: criminology, economics, general science (environmental interpretation), physical education, electronics technology, engineering technology, civil engineering technology, manufacturing engineering technology, mechanical engineering technology, industrial technology, and technology and engineering education.

II.  **IV Basic Goals of Course:**  Citizens of the information age need to become savvy consumers of statistical knowledge. Toward this end, the major objectives of Stat 104 are to introduce students to the methods and interpretations of (a) descriptive statistics and (b) inferential statistics. The course description reads as follows:

STAT 104 Elementary Statistics 3
Prereq.: MATH 101 (C- or higher) or placement exam. Intuitive treatment of some fundamental concepts involved in collecting, presenting, and analyzing data. Topics include frequency distributions, graphical presentations, measures of relative position, measures of variability, probability, probability distributions (binomial and normal), sampling theory, regression, and correlation. No credit given to students with credit for STAT 108, 200, 215, 314 or 315. Skill Area II

V  **Textbook:**  Discovering Statistics, by Daniel T. Larose, 2nd Ed.

VI  **Topics covered**

The course can be roughly divided into three Parts, as follows:

1.  Introduction and Descriptive Statistics (Chapters 1 – 4)
2. Probability and Probability Distributions (Chapters 5 – 6)
3. Statistical Inference (Chapters 7 – 9)

VII Assessment:

- There will be three exams and four quizzes and a final exam.
- Exams will be worth 100 points.
- The 4 quizzes will be worth 25 points and count for one exam.
- The lowest exam score (including the quiz total) will be dropped.
- The exams and quizzes determine the term average.
- The higher of the term average and the final exam will receive a weight of 2/3.
- The lower will receive a weight of 1/3.

Everyone must take the final exam to pass the course.

If you miss a quiz or an exam there will be no makeup. If a valid excuse is provided, to be determined by the instructor, then the grade of the final exam will be substituted for the missed exam or quiz (for a quiz the score will divided by four). Otherwise a zero will be assigned for that quiz or exam.

Grading scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
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<tbody>
<tr>
<td>A</td>
<td>92-100</td>
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<tr>
<td>A-</td>
<td>90-91</td>
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<tr>
<td>B+</td>
<td>87-89</td>
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<tr>
<td>B</td>
<td>82-86</td>
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<tr>
<td>B-</td>
<td>80-81</td>
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<tr>
<td>C+</td>
<td>77-79</td>
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<tr>
<td>C</td>
<td>72-76</td>
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<tr>
<td>C-</td>
<td>70-71</td>
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<tr>
<td>D+</td>
<td>67-69</td>
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<tr>
<td>D</td>
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<tr>
<td>D-</td>
<td>60-61</td>
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<tr>
<td>F</td>
<td>0-59</td>
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</tbody>
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Tentative Test/Quiz Schedule (subject to change)

<table>
<thead>
<tr>
<th>Quiz</th>
<th>Date</th>
<th>Time</th>
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<tbody>
<tr>
<td>1</td>
<td>1-Feb</td>
<td></td>
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<tr>
<td>Exam</td>
<td>17-Feb</td>
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<tr>
<td>2</td>
<td>2-Mar</td>
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<tr>
<td>Exam</td>
<td>16-Mar</td>
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<tr>
<td>3</td>
<td>6-Apr</td>
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<tr>
<td>Exam</td>
<td>20-Apr</td>
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<tr>
<td>4</td>
<td>4-May</td>
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<tr>
<td>Final</td>
<td>9-May 2 pm</td>
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Resources Available:

1. The Learning Center (TLC): Willard Hall, 101 860 832-1900
2. Online tutoring
   a. [www.ccsu.edu](http://www.ccsu.edu)
   b. A-Z Index
   c. Click “E”
   d. Click on “E-Tutoring” (first selection in menu)
   e. Enter 8 digit student CCSU ID number for username
f. Enter the word “pass” + last 4 of ssn for password

**Student Responsibilities:** The nature of math/stats is that it is cumulative. Material learned in one class is dependent on mastering the material previous presented. Therefore it is in your best interest to attend every class and complete all assignments. Homework problems will be assigned each class but will not be collected. Time will be provided at the beginning of class to review assignments. Please come prepared with questions. Bring your calculator and textbook to every class.

Please turn off (power down) all electronic devices (cell phones, i-pods, etc.) before class. While it may be tempting to discuss a mathematical problem with a colleague during class it may be disturbing to others trying to focus on the lecture. Please respect the other students in the class. If you do have a question, present it to the instructor.

**Academic Honesty:** Students are expected to do their own work during exams and quizzes. Aside from the calculator, no electronic device (i.e., phones containing calculators) will be allowed to be consulted during exams and quizzes. Communicating with other students will also not be permitted. A breach of this policy will result in a grade of zero for the test or quiz.

**University Policies:**

Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, Willard Hall, 101-04 if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

Cancellation of classes due to inclement weather will be announced over radio station WTIC 1080 and other radio and TV stations serving the central Connecticut area. Evening classes will not be automatically cancelled when day classes are cancelled. Students may call the snow phone at 832-3333 for current information.

A full calendar for the Spring 2016 semester may be found at the following website:  
[http://web.ccsu.edu/calendars/universityCalendar.asp](http://web.ccsu.edu/calendars/universityCalendar.asp)

Note the following Drop/Course Withdrawal Policy:

1. Students may drop full semester courses up to the last day of the third week of classes in the regular semester. Courses dropped by February 8\(^{th}\) will not appear on the student’s transcript.

2. Students withdrawing from a full semester course from February 9\(^{th}\) through April 18\(^{th}\) may do so by completing a withdrawal form. A notation of “W” will appear on the student’s transcript. Withdrawals during this time do not require written authorization; however, it would be prudent for the student to discuss this with an academic advisor.
3. Forms to either drop or withdraw from a course may be found on the Registrar’s website at: http://web.ccsu.edu/registrar/forms.asp?redirected or they may be obtained in the Registrar’s Office in Willard Hall.

**Statement on Discrimination and Harassment**

Central Connecticut State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon age; ancestry, color; gender identity and expression; intellectual disability; learning disability; mental disorder; physical disability; marital status, national origin; race; religious creed; sex, (including pregnancy, transgender status, sexual harassment and sexual assault); sexual orientation; or any other status protected by federal or state laws. Any student who has concerns about should contact the Office of Diversity and Equity (ODE) at 860-832-1652, Student Affairs at 860-832-1601, or his/her faculty member. The ODE is located on the main floor of Davidson Hall, room 102.

**Sexual Misconduct, Intimate Partner Violence and Stalking**

Central Connecticut State University (CCSU) will not tolerate sexual misconduct against students, staff, faculty, or visitors in any form, including but not limited to: sexual assault, sexual exploitation, sexual harassment or stalking, as defined in CCSU policies. For additional information, please consult the CCSU policies at http://www.ccsu.edu/page.cfm?p=1333. All faculty members and staff have a duty to report incidents of sexual harassment including sexual misconduct, intimate partner violence and stalking to Rosa Rodríguez, Title IX Officer, Office of Diversity and Equity, Davidson Hall, 102.

To file a report contact: Diversity and Equity (860-832-1652); Student Affairs (860-832-1601); Student Conduct (860-832-1667) or the University Police (860-832-2375).

For support and advocacy contact: Office of Victim Advocacy and Violence Prevention at 860-832-3795 or sarahdodd@ccsu.edu; Student Wellness Services at 860-832-1945 (confidential); Women’s Center at 860-832-1655; the local YWCA’s Sexual Assault Crisis Services Hotline at 860-223-1787 (confidential) and Prudence Crandall Center for Domestic Violence (confidential) at 888-774-2900(24-hour hotline).