Instructor: Dr. Khalili  
Email: pkhalili@cnu.edu  
Web page http://www.pcs.cnu.edu/~pkhalili/Home.html

\[ \bar{x} = \frac{\sum x}{n} \]

\[ \bar{x} - E < \mu < \bar{x} + E \]

Office: Gosnold 121= 11^2  
Office Hours: MWF12:30 - 1:30 pm , TTH 12:300-2:00 pm  
Classroom: Gosnold 204  
Class Hours: TTH 14:30-15:45 pm  
Phone: 594-7037 (office), 594-7194 (department secretary)  


Course Perspective In a fast moving society such as ours, basic knowledge and understanding of statistics concepts is essential for every college graduate. Each day we hear and see claims and counter claims are made about certain products, or events on radio or TV. The majority of these claims are based on some statistical terms. To judge the relative truth behind such claims one must be equipped with a minimum understanding of statistics. The objective of this course is to provide students with basic knowledge of elementary statistics. Here are some excerpts from the preface of the textbook that emphasizes the importance of statistics. “Not very long ago, students who elected to take a statistics course enjoyed a competitive advantage in procuring jobs. Now the students without any statistics courses are suffering from a real competitive disadvantage in the job market.” Jay Dean, a senior Vice President at Young & Rubin Advertising, said in an interview, “If I could go back to school, I would certainly study more math, statistics, and computer science.”

Course prerequisites: Although most of the course subjects are self contained however a basic background in algebra or prealgebra is desired.

This course is intended to achieve the following objectives
1. Gaining factual knowledge (terminology, classifications, methods, trends)
2. Learning fundamental principles, generalizations, or theories
3. Learning to apply course material (to improve thinking, problem solving, and decisions)

Calculator: Students should have Casio fx-300MS calculator.

Course Outline:

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1,2,4,5</td>
</tr>
<tr>
<td>2</td>
<td>1,2,3,5</td>
</tr>
<tr>
<td>3</td>
<td>1,2,3,4</td>
</tr>
<tr>
<td>4</td>
<td>1,2,3,4,5</td>
</tr>
<tr>
<td>5</td>
<td>1,2,3,4</td>
</tr>
<tr>
<td>6</td>
<td>1,2,3,5</td>
</tr>
<tr>
<td>7</td>
<td>1,2,3,4</td>
</tr>
<tr>
<td>8</td>
<td>1,2,3,4,5,6</td>
</tr>
<tr>
<td>9</td>
<td>1,2</td>
</tr>
<tr>
<td>10</td>
<td>1,2,3</td>
</tr>
<tr>
<td>13*</td>
<td>1,2</td>
</tr>
</tbody>
</table>

*This is an optional chapter.
**Grading System:** The course grade is based on four tests, and a final exam (cumulative). Each of these activities accounts for 20% of the course grade. The tests will be given at roughly three weeks apart. Test schedules will be announced in class about one week prior to each test. The final exam is scheduled for Thursday April 29, from 11:00am-13:30 pm.

**Grading Scale:** The course grade is assigned based on the following scale:

- **91 - 100 = A**
- **89 - 90 = A**−
- **86 - 88 = B**+
- **82 - 85 = B**
- **79 - 81 = B**−
- **71 - 75 = C**
- **68 - 70 = C**−
- **65 - 67 = D**+
- **61 - 64 = D**
- **58 - 60 = D**−
- **50 - 57 = F**

**Homework:** Homework will be assigned daily and covered in class the next day.

**Attendance:** Attendance is necessary, and you are responsible for all class materials, assignments and deadlines.

**Free tutor:** Mathematics department offers free tutorial lab for this course. The lab is located in G-114. The CNU Center for Liberal Learning (CCLL) offers free assistance for CNU students in writing, mathematics, and the sciences. The Center is located in room 240 of the Trible Library. For more information please visit http://tutors.cnu.edu or phone 594-8919 or 594-7684.

**Withdrawal Policy:** The withdrawal policy is the same as an official university policy. Therefore the last day to withdraw or elect Pass/Fail is March 24, 2010.

**University Regulations on Students with Disabilities:**
If you believe that you have a disability, you should make an appointment to see me to discuss your needs. In order to receive an accommodation, your disability must be on record in the Dean of Students office, 3rd Floor DSU (Telephone 594-7160).”

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**Math 125**
**List of Homework**

**Spring 2010**
**Dr. Khalili**

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
<th>Problems</th>
</tr>
</thead>
<tbody>
<tr>
<td>◦ 2.2</td>
<td>52 - 55</td>
<td>5,7,13,19,27</td>
</tr>
<tr>
<td>◦ 2.3</td>
<td>57 - 59</td>
<td>5,6,7,8,19</td>
</tr>
<tr>
<td>◦ 3.2</td>
<td>94 - 97</td>
<td>9,15,17,21,29,31,</td>
</tr>
<tr>
<td>◦ 3.3</td>
<td>109 - 113</td>
<td>8,9,17,19,29,31,33,35</td>
</tr>
<tr>
<td>◦ 3.4</td>
<td>126 - 127</td>
<td>7,9,10,11,13</td>
</tr>
<tr>
<td>◦ 4.2</td>
<td>147 - 150</td>
<td>7,9,11,14,15,21,25,33,34</td>
</tr>
<tr>
<td>◦ 4.3</td>
<td>156 - 158</td>
<td>5-11 odd,13,15,17,19,21,23,25,27,29,31</td>
</tr>
<tr>
<td>◦ 4.4</td>
<td>167 - 169</td>
<td>5-11 odd,13,15,17,19,21,23,27,29</td>
</tr>
<tr>
<td>◦ 4.5</td>
<td>175 - 177</td>
<td>5-11 odd,13,15,17,19,23,27,29</td>
</tr>
</tbody>
</table>
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\begin{align*}
\circ 5.2 & \quad 214 - 217 & 5-15 \text{ odd}, 21, 27, 29 \\
\circ 5.3 & \quad 225 - 227 & 5-13 \text{ odd}, 21, 23, 25, 27, 29, 32, 37, 41 \\
\circ 5.4 & \quad 231 - 233 & 5-13 \text{ odd} \\
\circ 6.2 & \quad 261 - 263 & 5-35 \text{ odd}, 37, 39 \\
\circ 6.3 & \quad 272 - 273 & 5-15 \text{ odd}, 21, 23, 25, 27, 29 \\
\circ 6.5 & \quad 296 - 298 & 5-15 \text{ odd} \\
\circ 7.2 & \quad 340 - 343 & 5-31 \text{ odd}, 41, 43 \\
\circ 7.3 & \quad 351 - 354 & 5-19 \text{ odd}, 21, 25, 31, 33 \\
\circ 7.4 & \quad 365 - 367 & 5-17 \text{ odd}, 19, 21, 27 \\
\circ 8.2 & \quad 409 - 411 & 5-27 \text{ odd}, 37, 39 \\
\circ 8.3 & \quad 420 - 424 & 5-11 \text{ odd}, 15, 21, 25, 27, 31 \\
\circ 8.4 & \quad 429 - 431 & 5, 7, 9, 11, 16, 19 \\
\circ 8.5 & \quad 439-441 & 5, 7, 13, 15, 17, 19, 21, 23, 25 \\
\circ 8.6 & \quad 448 - 449 & 5, 7, 9, 11, 13, 17 \\
\circ 9.2 & \quad 468 - 469 & 7, 11, 13 \\
\circ 10.2 & \quad 530 - 532 & 9, 13, 15, 17, 19, 21, 23 \\
\circ 10.3 & \quad 553 - 555 & 9, 13, 15, 17, 19, 21, 23 \\
\circ 13.2 & \quad 672 - 673 & 9, 11 \star \star \star \\
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