Please take a few minutes to read these over, as it will save time (for you and for the reader). If you have questions about grading please email the reader at chychang@ucdavis.edu or see him during office hours: **TUE noon to 1:00 pm in PES 1137.**

**Working with partners:**
- **HW:** You are encouraged to work with classmates on homework but the assignment that you hand in MUST be your own. Each student must hand in their own copy of the homework with an individual analysis. Do not copy-paste.
- **EXAMS:** For midterms and the final you must complete all work ALONE, do not even discuss the exam problems with your classmates.

**Homework due dates:**
- Homework always needs to be handed in within the first ten minutes of the period during which it is due. Late assignments receive 10% off for the first day and will not be accepted after the answer key is posted on the class website (usually within 24 hours). If you have extenuating circumstances and need more time please make arrangements with me BEFORE things are due.

**What to include in the homework:**
- If a problem asks you to show calculations “by hand” it is sufficient to show calculations for one sample and then show just the results of similar calculations for all others.
- Include all SAS input in your homework (i.e. SAS codes)
- For SAS output, include only the parts that are relevant and INTERPRET ALL RELEVANT OUTPUT RESULTS.
- If you cannot find an exact critical value in a table you can use the closest approximation but please note that you did this in your answer.

**Formatting your homework:**
- Use TITLES, HIGHLIGHTING, BOLD FONT, BOXES etc. to make it clear where your input/output/answers are, and exactly what you want me to look at. **One good way to do this is to print, then use a highlighter, or the highlighter function in Word, to indicate the main answer for each question.** Italics do not work.
- Type your homework. If you must write by hand (e.g. for showing calculations) write clearly and neatly.
- Make sure that your homework answers are in order when you turn them in (1,2,3…) even if you don’t complete them in that order.
- Staple assignments (no paper clips)
- Print double-sided if possible, save some trees! ☺
- In general – try to lay out your homework so that it is easy to see what you did. This makes my job a lot easier and will allow me to give you partial credit when your final answer isn’t quite right.
- Below, you will find an example of how to format your answers:
**Answer Example:**

1.1 Is there a significant difference among treatments?

**SAS Code:**
```sas
data example;
  input treatment $ @@;
  do replication = 1 to 4;
    input response @@;
  output;
  end;
cards;
  Trmt1 238 259 250 221
  Trmt2 217 228 207 248
  Trmt3 219 232 214 246
  Trmt4 216 205 190 210
;
proc print;
proc Sort;
  By treatment;
proc glm;
  class treatment;
  model response = treatment;
  means treatment/hovtest = levene;
run;
quit;
```

<table>
<thead>
<tr>
<th>Source</th>
<th>DF</th>
<th>Sum of Squares</th>
<th>Mean Square</th>
<th>F Value</th>
<th>Pr &gt; F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>3</td>
<td>2746.500000</td>
<td>915.500000</td>
<td>4.03</td>
<td>0.0338</td>
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<td>2723.500000</td>
<td>226.958333</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected Total</td>
<td>15</td>
<td>5470.000000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Answer:** There are significant differences among treatments as evident by the very small (< 0.05) p-value of 0.0338 reported in the above ANOVA table.