**Homework 1 – CG120**

Name (on Roster): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I would like to be called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This is a course focused on *data processing*. The first several assignments will just deal with basic statistics, specifically mean, median, mode, variance, standard variation, quattics, and histograms. The instructor is looking for examples of data processing students will be doing in their current courses, and in their careers.

Your first homework is to find examples of data processing you will eventually need to do. The ideas submitted will be considered as potential material for future assignments. This could be quite useful if several students are all in the same course.

1. Field

What is your chosen field of study? (Select all that apply)

* + - Mathematics
    - Physics
    - Meteorology
    - Computer Science / Software Engineering
    - Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. CG120 Connection

How do you see CG120 contributing to your overall career goals?

1. Data Processing Examples

Conduct some research on your chosen field of study. Select three examples where you would need to do data processing. You may be specific or general with the examples. For each example, list a name, short description, and a credit or reference where the example can be found such as on a website, UNC course, or a professional in the field.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Description | Reference |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |