

Colorado State University (Pueblo), Hasan School of Business, Fall 2015

## **BUSAD 265 – Inferential Statistics and Problem Solving**

Section 1: MW 11:40-1:00, HSB 110

Section 2: MW 1:25-2:45, HSB 110

Section 3: MW 5:30-6:50, HSB 108/CS Tower (*virtual*)

Instructor: Dr. Justin Holman

Office hours: HSB 253, MW 2:50-5:20

Course Page: <http://www.justinholman.com/teaching/f15-busad265/>

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**Overview:** This class will provide an introduction to data analysis and inferential statistics. Topics will include Frequency Distribution, Central Tendency, Variance, Probability, Normal Distribution, Sampling, Estimation and Hypothesis Testing.

**Prerequisites:** MATH 121 or equivalent.

**Textbook:** *Introductory Statistics*. OpenStax College. <http://cnx.org/content/col11562/latest/> (**FREE download!**)

**Course Format:** This will *not* be a traditional lecture class. Instead, we will employ a “blended” approach. See [https://en.wikipedia.org/wiki/Blended\\_learning](https://en.wikipedia.org/wiki/Blended_learning) or [http://en.wikipedia.org/wiki/Flip\\_teaching](http://en.wikipedia.org/wiki/Flip_teaching) for details.

### **Grading Components:**

- **Exams (60%)** There will be 3 exams. Each exam will have 2 parts. Part 1 will be a take-home project and Part 2 will be an in-class exam with a combination of problem solving, short essay and/or multiple choice questions.
- **Activities (20%)** During most class sessions students will practice application of new techniques to enhance conceptual understanding, encourage attendance, monitor progress and provide regular feedback.
- **Blog (20%)** Each student will setup and maintain a course blog where electronic work will be posted and explained. The purpose of the blog is to enhance learning and promote collaboration.

### **Grading Criteria**

Each grading component will be assigned a score expressed as a percentage. The weighted average of these percentages will determine your final grade. Standard grading thresholds will apply, i.e.,  $\geq 90\%$  will earn an A,  $\geq 80\%$  a B,  $\geq 70\%$  a C,  $\geq 60\%$  a D, and  $< 60\%$  an F.

### **Classroom Etiquette**

Professional behavior is expected at all times. Disruptive behavior in the classroom will not be tolerated. Anyone causing a disturbance will be asked to leave the classroom. Multiple infractions will result in referral to the Office of Student Judicial Affairs.

### **Special Accommodations**

Some students may require special accommodation, for a variety of reasons, to achieve learning objectives. I will do my best to facilitate such requests on an individual basis. Please email to make arrangements.

### **Court of Appeals**

If a student is unable to attend class, misses an exam or fails to complete an assignment the score or grade assigned will be zero. Depending on circumstances, a makeup opportunity may be granted. Students may also request a review if an exam or assignment score seems unfair. The Court of Appeals will only accept requests submitted via email to provide a communication trail and avoid misunderstandings.