

**COLORADO STATE UNIVERSITY - PUEBLO  
HASAN SCHOOL OF BUSINESS**

**BUSAD 360 – Advanced Business Statistics  
Spring 2014, TTh 12:30-1:50, HSB 122**

Instructor: Dr. Justin Holman  
Office hours: After class (TTh 1:50-2:20) or by appointment  
Course Blog: <http://www.justinholman.com/teaching/busad360>  
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**Overview:** This class will explore advanced techniques in business statistics with a primary focus on applied regression analysis. Additional topics to be covered, time permitting, may include ANOVA, time series forecasting, non-parametric techniques and statistical computing.

**Prerequisites:** BUSAD 265

**Learning Materials:** *Business Statistics for Contemporary Decision Making*, 7<sup>th</sup> ed. by Ken Black and supplementary materials, *Microsoft Excel*, videos (on-line), articles, blogs and other web resources.

**Course Format:** This will *not* be a traditional lecture class. Instead, we will employ a “flipped classroom” approach (see [http://en.wikipedia.org/wiki/Flip\\_teaching](http://en.wikipedia.org/wiki/Flip_teaching) for a description). This means students are expected to digest assigned learning materials outside of class. Class time will then be used to review concepts, solve problems, answer questions and discuss assignments with time for individualized or small group instruction.

**Grading Components:**

Course Blog 50%  
Exams 50%

Course Blog

Each student will setup and maintain a course blog and all assignments, exercises and projects should be posted to your blog. Blog components will include the following.

- *Short Essays:* Reading (and possibly other study materials, e.g., videos, articles, blogs) will be assigned on a regular basis. Completion and comprehension will be evaluated with short essay questions with answers posted to your blog.
- *Exercises:* Textbook problems and data analysis projects will be assigned on a regular basis to develop analytical problem solving skills. Problems and projects may be worked on in groups but each individual must produce their own work and post to their own blog page.

Exams

There will be several in-class exams during the semester. Exams will typically include a combination of multiple-choice and short answer questions along with problems to solve. Students can expect both short exams (that take only 10-15 minutes to complete) and longer exams that require all of the class period with several problems involving calculation. Most exams will be open book. Calculators are permitted unless I indicate otherwise.

### **Grading Criteria**

Exams and blog assignments will be assigned a numeric score. At the end of the course you will have a percentage score for both course components, i.e., blog and exams. The average of the two percentages will be used to determine your final grade. If your combined percentage is above these thresholds you will earn the associated grade.

>=90% will earn at least an A-

>=80% will earn at least a B-

>=70% will earn at least a C

>=60% will earn at least a D-

< 60% may result in an F

If you believe that any scores or grades assigned are inaccurate or deserve reconsideration please see the “Court of Appeals” section below.

### **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 and will receive a zero for any graded material that day.

### **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 or see me after class to make appropriate arrangements.

### **Communication**

Please send me an email to schedule an appointment or see me in-person after class. If you have difficulty reaching me please leave a message with HSB Administrative Assistant, Kim Wharton ([kimberly.wharton@colostate-pueblo.edu](mailto:kimberly.wharton@colostate-pueblo.edu) or 719-549-2142).

### **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. If unique circumstances prevent attendance or work completion and these circumstances are both valid and verifiable then a make-up opportunity may be granted. The Court of Appeals will only accept appeals submitted via email to provide a communication trail and avoid misunderstandings.