# HDCS 6300 / Spring 2014 (preliminary 1/14/2014)

|  |  |
| --- | --- |
| Instructor: | Carole Goodson |
| Office hours: | By appointment |
| Phone: | 713-743-4046 |
| Fax: |  |
| E-mail: | Use Blackboard email or UH email |
| Conference Hours: | Email contact. Instructor will check email daily and will respond within 24 hours (or sooner). |
| Course Access:  Blackboard LEARN | Access course at http://www.uh.edu/blackboard   * Review “Check Your Browser” for browser and plugin information under “Student Help” (you will need Acrobat Reader and RealPlayer for this course) before accessing the course. * Select “BlackBoard LEARN 9” * Login using your Cougarnet ID and Cougarnet Password. * Click “HDCS 6300” from courses |

# Course Overview & Objectives

# Welcome to HDCS 6300: Statistical Methods in HDCS.

This course will develop statistical concepts as applied in a business and technology environment. Because Excel is almost always available in this environment, we will use it as the primary tool for analysis and will put an emphasis on the interpretation of the computer output. Major content areas include the following concepts and their applications.

1. Develop appropriate graphs and charts based on the data classification and purpose of presentation.
2. For a given data set, determine and interpret measures of central tendency, measures of spread, measures of relative standing, and measures of relationship.
3. Use appropriate sampling techniques.
4. Conduct and interpret appropriate one and two sample statistical tests: means, difference in means and proportions.
5. Conduct and interpret a one-way ANOVA and a two-way ANOVA.
6. Develop and interpret regression equation for one and two dependent variables.

**Required Textbook & Readings**

1. **Web Resources:** Complete course information is available on Blackboard Learn. Some general course information and resources can also be found at the following web site:<http://www.uh.edu/~tech132/6300web.htm>
2. **Text:** *Statistics for Managers,* 7th ed.by Levine, Stephan, Krehbiel and Berenson. Publisher: Prentice Hall Publishing
3. **Required software:** *Microsoft Excel*. Any version is fine. PH Stat is an XL add-in that comes with the text. PH Stat can be downloaded from the publisher and is helpful.

**CougarNet Account**

This account is required in order to use a campus computer while on campus. Since you are enrolled in a BlackBoard course, you automatically have a CougarNet account. This does not mean that your CougarNet account is ***activated.*** If you do not regularly use your CougarNet account, it becomes deactivated. If you have difficulties, then call 713-743-1411 to resolve the problems. This takes about 30 minutes.

*UH Blackboard functionality issues:* If you have difficulty accessing the course, please contact the Blackboard Support staff at [blackboard@uh.edu](mailto:blackboard@uh.edu) , phone: (713) 743-1411; in person: IT Support Center, Room 56, MD Anderson Library (UH main campus). Blackboard Help Desk Hours: Mon. - Fri. 8 a.m. - 8 p.m. If you have access to the course, but are still having problems with functionality, please visit <http://www.uh.edu/blackboard/help/index.html>.

At times, access to the course may be down due to server problems. The UH Distance Education Center will make students aware of such “downtime” whether expected or not. Please see the “Announcements” section of the Blackboard main access page for messages concerning any maintenance issues: <http://www.uh.edu/blackboard.html> .

# Course Design

The course consists of 7 modules, each containing specific topic objectives, assigned reading, spreadsheet information and homework problems.

1. **Objectives:** Specific objectives are described at the beginning of each module. You can use these objectives to guide your text reading and completion of the module activities.
2. **Course Readings and Problems:** You will have readings assigned from your text and/or supplementary material plus assigned related problems (usually completed using Excel).
3. **Participation:**Students are expected to come to class prepared and ready to engage in the course topic(s) assigned for the week. A participation grade will be assessed by the instructor based on each student’s readiness and engagement in class activities.

Note: Class sessions will be directed on problem solving. You will get the most benefit from the class if you have done some of the readings in advance. (You are encouraged to submit questions re problems in advance of the class (via email) and we will be sure to include them.)

**Grading Policy**

Grades will be based on two spreadsheet assignments (70%), homework quizzes via BBL (20%), and participation (10%). See the [**schedule** f](http://www.uh.edu/~tech132/6300edate.doc)or deadlines.

**University Services and Calendar**

The link below contains specific information about Disabilities, Religious Holy Days, the Academic Calendar, and Academic Honesty. For more details, please refer to: <http://www.uh.edu/provost/stu/policy-updates/index.php>

**How to Find Extra Help**

1. Instructional Support Services Lab (110 CAM) provides resources, information technologies, instructional support for students, and tutoring

Daytime & evening hours are available. Current lab hours are posted/ updated on our course homepage. Sometimes, the lab is reserved for a class or a testing session, so check the website calendar first.

Telephone: 713-743-6263

Location: Room 239 – Cameron Building

Website: [www.uh.edu/iss](http://www.uh.edu/iss)

1. Learning Support Services, a part of the Counseling and Testing Service, provides small group and individualized peer-tutorial instruction. This is designed to assist students in their academic work. These services, supported by student service fees, are located on the third floor of the Social Work Building. For specific information, call 713-743-5411.
2. How to contact me:

Email: [cgoodson@uh.edu](mailto:cgoodson@uh.edu); email within BlackBoard Learn

Office Telephone: Cameron (room 231): 713-743-4046

Office Hours: Feel free to stop by my office if you are on campus. Please call if you want to ensure that I am available.

**Course Schedule**



