

DePaul University
College of Computing and Digital Media
Syllabus: IT 223 Data Analysis
(Spring 2013 Quarter)

Instructor: Bill Qualls. Email: bill_qualls@hotmail.com

Day/Time: Wednesdays, 5:45pm-9:00pm, Loop, classroom tba.

Office Hours and Location: I will be in the classroom at 4:45pm on class days.

Description:

Application of statistical concepts and techniques to a variety of problems in IT areas and other disciplines, using a statistical package for simple data analysis. Course topics include descriptive statistics, elementary probability rules, sampling, distributions, confidence intervals, correlation, regression and hypothesis testing.

Prerequisite:

MAT130 or placement.

Course Materials:

Introduction to the Practice of Statistics by Moore, McCabe, and Craig, 7th ed.

All other class materials can be found at <http://www.billqualls.com/it223/> Note: the URL is case-sensitive: use all lowercase. I only use D2L to post grades.

Please make sure your Campus Connect email address is current so I can communicate with you.

Homework assignments:

Homework assignments will be listed on the website. Website will be updated regularly. You should expect changes. Homework is not graded, but is the best way to prepare for the quizzes and exams.

SPSS assignments will be listed on the website. These assignments are graded, and must be submitted via D2L dropbox by the start of class the week after they are assigned.

Exam Schedule:

There will be up to eight quizzes. Only the top five quizzes will be counted, each of which will constitute 8% of your final course grade. Quizzes will be given at the end of the class period. Regular and punctual attendance is an integral part of the learning process, therefore there will be no makeups allowed on missed quizzes.

Required Midterm exam: Wednesday, May 8. No exceptions. You must contact me in advance if you will miss this exam.

Required Final exam: Wednesday, June 12. No exceptions. You must contact me in advance if you will miss this exam.

Course Grade:

Course grade consists of quizzes (top five @ 8%), SPSS assignments (5 @ 3%), midterm (20%) and final exam (25%). Late assignments will not be accepted without prior arrangement. Students receiving at least 90% of possible points are guaranteed at least an A-, at least 80% at least a B-, at least 70% at least a C-, and at least 60% at least a D.

Academic Integrity and Plagiarism

This course will be subject to the academic integrity policy passed by faculty. More information can be found at <http://academicintegrity.depaul.edu/>.

The university and school policy on plagiarism can be summarized as follows: Students in this course should be aware of the strong sanctions that can be imposed against someone guilty of plagiarism. If proven, a charge of plagiarism could result in an automatic F in the course and possible expulsion. The strongest of sanctions will be imposed on anyone who submits as his/her own work any assignment which has been prepared by someone else. If you have any questions or doubts about what plagiarism entails or how to properly acknowledge source materials be sure to consult the instructor.

Withdrawal

Students who withdraw from the course do so by using the Campus Connection system (<http://campusconnect.depaul.edu>). Withdrawals processed via this system are effective the day on which they are made. Simply ceasing to attend, or notifying the instructor, or nonpayment of tuition, does not constitute an official withdrawal from class and will result in academic as well as financial penalty.

Retroactive Withdrawal

This policy exists to assist students for whom extenuating circumstances prevented them from meeting the withdrawal deadline. During their college career students may be allowed one medical/personal administrative withdrawal and one college office administrative withdrawal, each for one or more courses in a single term. Repeated requests will not be considered. Submitting an appeal for retroactive withdrawal does not guarantee approval.

College office appeals for CDM students must be submitted online via MyCDM. The deadlines for submitting appeals are as follows:

Autumn Quarter: Last day of the last final exam of the subsequent winter quarter
Winter Quarter: Last day of the last final exam of the subsequent spring quarter
Spring Quarter: Last day of the last final exam of the subsequent autumn quarter

Summer Terms: Last day of the last final exam of the subsequent autumn quarter

Excused Absence

In order to petition for an excused absence, students who miss class due to illness or significant personal circumstances should complete the Absence Notification process through the Dean of Students office. The form can be accessed at <http://studentaffairs.depaul.edu/dos/forms.html>. Students must submit supporting documentation alongside the form. The professor reserves the sole right whether to offer an excused absence and/or academic accommodations for an excused absence.

Incomplete

An incomplete grade is a special, temporary grade that may be assigned by an instructor when unforeseeable circumstances prevent a student from completing course requirements by the end of the term and when otherwise the student had a record of satisfactory progress in the course. CDM policy requires the student to initiate the request for incomplete grade before the end of the term in which the course is taken. Prior to submitting the incomplete request, the student must discuss the circumstances with the instructor. Students may initiate the incomplete request process in [MyCDM](#).

- All incomplete requests must be approved by the instructor of the course and a CDM Associate Dean. Only exceptions cases will receive such approval.
- If approved, students are required to complete all remaining course requirement independently in consultation with the instructor by the deadline indicated on the incomplete request form.
- By default, an incomplete grade will automatically change to a grade of F after two quarters have elapsed (excluding summer) unless another grade is recorded by the instructor.
- An incomplete grade does NOT grant the student permission to attend the same course in a future quarter.

Students with Disabilities

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential.

To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at: Student Center, LPC, Suite #370, Phone number: (773)325.1677, Fax: (773)325.3720, TTY: (773)325.7296