PROFESSOR

Betsy Greenberg
  Hours: Monday – Wednesday 12:00 – 1:00 pm or by appointment
Phone: 471-1756
Office: CBA 6.306
E-mail: BetsyG@mail.utexas.edu

TEACHING ASSISTANT

Prana Narayanan
  Hours: Tuesday, Thursday  2:30 – 4:00 pm
Office: CBA 4.304A – Space B
Email: prana.n88@gmail.com

TEXTBOOK


GRADING

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Tests</td>
<td>70%</td>
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<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Projects</td>
<td>10%</td>
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COURSE DESCRIPTION

Business decisions are made under uncertainty. This course provides tools for dealing with uncertainty. Upon completion of the course you should be able to apply decision analysis techniques, use regression analysis, and simulation modeling. This course is designed to present applications for these techniques and to deal with topics that prove most helpful to those involved in business.

PREREQUISITES:

The following prerequisites are enforced for this class: Management Information Systems 301 or 310; Mathematics 408D, 408L, or 408M; Statistics 309 or 309H; and credit or registration for Business Administration 324 or 324H. I am not able to make exceptions to prerequisites. Students are expected to be familiar with Excel and elementary statistics.

ASSIGNMENTS:

I will assign frequent homework assignments. These will be posted on the course website and are due by midnight. The homework assignments are designed to keep you current in the course. The assignments are available online on the course web page. It is recommended that students work on assignments independently.
You may open an assignment (and even print it out) several times before submitting
your answers. Click on the Submit button (at the bottom) when you are done.

Assignments must be completed by midnight on their due dates. It is recommended
that you do not wait until the last minute to complete assignments. This will allow
for any unexpected difficulties (with the material, internet, software, etc.).

Once the deadline has past, you will be able see how you did on an assignment.
Click on “My Grades” and then the automatically generated grade (sometimes twice)
for the assignment to see the correct answers. Ignore these HW grades. Your TA
will assign grades after each assignment is due.

Two group projects will be assigned for this class. One will involve decision making
under uncertainty and the other will involve regression modeling.

CLASS PARTICIPATION

We will be using the Learning Catalytics system for class participation. You are
required to bring a mobile device (any device with a web browser such as a
Smartphone, laptop, or tablet) and to bring it to class every day. Your class
participation grade will be determined from the responses that you provide in class.
Students self-register with Learning Catalytics. To create your account, navigate
to learningcatalytics.com (you can also use lcatalytics.com as a shortcut). Click
"Create student account." Click "I have a signup code," and then use the signup
code 3N46J6F to create an account. Instead of your last name, enter your UTEID.

COMPUTING

This course will provide you with skills to analyze business problems with tools you
will have access to and will use during your career. We will use Microsoft Excel in
addition to Decision Tools Suite (Stat Tools, Precision Tree, and @Risk) for increased
capability. If you bought a new copy of the textbook, the CD includes this software.
If not, you can download it from the McCombs website at http://www.mccombs.utexas.edu/services/cbacc/coe/. You will need your UTEID
and password to download the software.

The Decision Tools Suite runs only on Windows machines. If you use a Macintosh
computer, you must use a Windows emulator such as Parallels. Alternatively, you
can use the computers in the MOD Lab or Millennium Lab. Some class meetings will
be held in the MOD Lab to help you become familiar with the software.

TESTS

The first two tests for this class will be given in the Mod Lab during class time on
June 12 and June 25. The third test will be given during the scheduled final exam
time. You will access the test through Blackboard and have Excel and Decision Tools
available. You may bring a calculator to the tests. You may bring one 8.5” by 11”
page (both sides) of notes to the first and second test. You can bring 3 pages to the
third test. You must bring a picture ID to each test. The third test will be
cumulative.

There will be no make-up tests. Your third test grade can replace one lower test
grade. You must inform the professor in advance if you are going to miss a test due
to observance of a religious holiday or an official university activity.
This course will use a password-protected class website. Syllabi, notes, assignments, and other resources will be available within this site. Site activities will include submission of assignments and posting of grades. Students who do not want their names included in the electronic class roster must restrict their directory information in the Office of the Registrar, Main Building, Room 1. For information on restricting directory information see: http://www.utexas.edu/student/registrar/catalogs/gi00-01/appc09.html.

SCHOLASTIC DISHONESTY

The McCombs School of Business has no tolerance for acts of scholastic dishonesty. The responsibilities of both students and faculty with regard to scholastic dishonesty are described in detail in the Policy Statement on Scholastic Dishonesty for the McCombs School of Business:

By teaching this course, I have agreed to observe all of the faculty responsibilities described in that document. By enrolling in this class, you have agreed to observe all of the student responsibilities described in that document. If the application of that Policy Statement to this class and its assignments is unclear in any way, it is your responsibility to ask me for clarification. Policy on Scholastic Dishonesty: Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from the University. Since dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced. You should refer to the Student Judicial Services website at http://deanofstudents.utexas.edu/sjs/ or the General Information Catalog to access the official University policies and procedures on scholastic dishonesty as well as further elaboration on what constitutes scholastic dishonesty.

Examples of scholastic dishonesty in this course include: copying or collaborating during an exam, discussing or divulging the contents of an exam with another student who will take the test, use of homework solutions from another student or semester, and attempting to gain course participation points while not actually in class to participate.

STUDENTS WITH DISABILITIES

The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. This includes students with learning disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TTY.
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<td>10.1–10.4, 10.6.3</td>
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<td>Inference for Regression</td>
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<td>Introduction to Simulation</td>
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<td>Test 3 and Project 2</td>
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<td>Project 2b July 6</td>
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