QMB 5304: Introduction to Managerial Statistics (Spring 16)

Contact Information

Instructor: Kyung Sung Jung, Ph.D.
Office: STZ 364
Office Hours: M/W 2:00 pm – 3:00 pm or By appointment
E-Mail: Through Canvas
Time: TR Periods 9-10 @ HGS 340
TA: TBA
TA Office: By appointment

Course Website:

All information and materials pertaining to this course will be made available through the course website on the Canvas system (https://lss.at.ufl.edu/). With the exception of the in class tests, all graded materials will be submitted electronically using the course website on Canvas. Additional information regarding the submission policies for this class is provided below.

Required Textbook:


Course Description

This course provides an introduction to the concepts and applications of statistics in management. It emphasizes techniques for organizing, analyzing and presenting data, probability theory, and some basic statistical concepts and procedures. You will also learn how to use computer software in decision and statistical analysis. We will concentrate on exploring the data, questioning our assumptions and interpreting our results.

Grading scheme:

Team HW 25%
peer evaluation 5%
2 Class Quizzes 10% = 2 x 5%
Exam 1 20%
Exam 2 20%
Exam 3 20%

The grades for this course will be based on a curve. This means the grade that you get for this course will depend on your relative rank in the class. As per college norms, the grading will maintain a maximum mean grade point average of 3.50 (for example, 15% A, 20% A-, 50% B+, 15% B or less is one possible distribution). Grades of C+, C and below can and will be given when student performance warrants.

Schedule: See the last page

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Class policies:

*Team HW/Peer Evaluations*

In the first class, students make groups **(up to 4 persons)**. Students are free to discuss the assignments with me or with the teaching assistant. The reports are due at the beginning of the designated class day. The due date will be strictly enforced.

*Quizzes*

Quizzes will be given in class on the dates shown in the schedule. However, the dates may change; I will announce it at least one class period prior to the quiz. Students are responsible for any announcements in class including upcoming quizzes. Quizzes are closed book and closed notes. **THERE WILL BE NO MAKEUP QUIZZES.**

*Exams and make-up exams:*

The exams will be closed book. **THERE WILL BE NO MAKEUP EXAMS.** Conflicts for the exams must be resolved before the exam dates. You should contact me at least two weeks prior to the exam date and let me know in writing. Last minute requests will not be entertained. The only reasons for not being able to sit for an examination in its announced time should be part of University policy, or a documented medical excuse.

*“Re-grade” requests:*

Any request to re-grade any component of your submissions (assignment or quiz or exam) has to be made within a week after the grade has been published online on the e-learning site. Given the size of the class, and the speed with which the course progresses, any request beyond this deadline cannot be considered. The only exception to this rule is a documented emergency.

*Class Attendance:*

Attendance is not compulsory during regular classes, but if you miss any class you would be responsible for all material that was discussed in class or was in the assigned readings for that class. You are expected to be punctual in class attendance and remain in the classroom for the entire class session, as you would in any business appointment, unless an urgent need arises or prior arrangements have been made with me. There will be no make-up quizzes. You should complete the assigned readings before coming to class. I would expect you to be ready with answers to questions related to the readings.

Laptops and other electronic devices should be used with discretion and only as permitted for work directly related to the class session. Emailing, accessing the internet, and working on matters unrelated to the work at hand are inappropriate behaviors because they are disrespectful and distracting to the class and to the instructor.
Classroom discussion is an important part of the pedagogy. Students should be fully prepared to engage in class discussion, and they should use the opportunity to develop positive and professional communication skills. This includes according respect for differing perspectives and contributions to discussion, as well as building on the base for discussion laid by student colleagues and the instructor.

**Discipline in class:**

I would expect you to maintain the decorum of the class at all times. As with any other group activity, be acutely aware that your actions in class can have negative externalities that can collectively affect the performance of the entire group. Teaching policies (academic honesty, student illness, religious holidays, accommodating students with disabilities and others):

For an updated list of UF teaching policies, please visit

http://www.registrar.ufl.edu/staff/policies.html.

**Academic integrity:**

Academic integrity and honesty are essential in the development of a professional manager. This society is not willing to tolerate dishonest or otherwise unethical professional business managers. Students must attend to, and follow, the University of Florida code of student conduct, with special attention to academic integrity and academic honesty. They must never appropriate the ideas and work of others, including both academic sources and fellow students, without appropriate attribution or by claiming others work as their own. They must exercise complete honesty in following the conditions established by the instructor for examinations and other assignments. Finally, they must be honest with one another, be willing to be accountable for their own failures of honesty and integrity, and not tolerate such failures in classmates.

**Communication:**

I will be available at my office during the office hours. I will also be available by appointment and I am very accessible via email. If you need to set up an appointment other than during my regular office hours, please send me e-mail through E-learning.

Updated: 12/21/2015
Schedule:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Reading</th>
<th>Remark/due</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/5</td>
<td>T</td>
<td>Introduction. Team</td>
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<tr>
<td></td>
<td>1/7</td>
<td>R</td>
<td>Introduction to Managerial Statistics, Excel</td>
</tr>
<tr>
<td>2</td>
<td>1/12</td>
<td>T</td>
<td>Math/Descriptive Statistics – II – Numeric</td>
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<tr>
<td></td>
<td>1/14</td>
<td>R</td>
<td>Descriptive Statistics – II – Numeric</td>
</tr>
<tr>
<td>3</td>
<td>1/19</td>
<td>T</td>
<td>Descriptive Statistics – I – Visual, Review</td>
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<tr>
<td></td>
<td>1/21</td>
<td>R</td>
<td><strong>Exam 1 (20%, Chapters 1 and 4 only)</strong></td>
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<tr>
<td>4</td>
<td>1/26</td>
<td>T</td>
<td>Open (Career Fair)</td>
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<tr>
<td></td>
<td>1/28</td>
<td>R</td>
<td>Exam Review, Sampling Methods, Probability</td>
</tr>
<tr>
<td>5</td>
<td>2/2</td>
<td>T</td>
<td>Probability, Practice Problem (Tree)</td>
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<tr>
<td></td>
<td>2/4</td>
<td>R</td>
<td>Discrete Probability Distribution,</td>
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<tr>
<td>6</td>
<td>2/9</td>
<td>T</td>
<td>Continuous Probability Distributions, Review (Exam)</td>
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<tr>
<td></td>
<td>2/11</td>
<td>R</td>
<td><strong>Exam 2 (20%, Chapters 2, 3, 6, 7 only)</strong></td>
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<tr>
<td>7</td>
<td>2/16</td>
<td>T</td>
<td>Sampling Distribution, Estimation</td>
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<tr>
<td></td>
<td>2/18</td>
<td>R</td>
<td>Hypothesis Testing, Review (Exam 3)</td>
</tr>
<tr>
<td>8</td>
<td>2/22</td>
<td>M</td>
<td>HW 3 (Ch 8-11) Due 2/22 @1pm</td>
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<tr>
<td></td>
<td>2/25</td>
<td>R</td>
<td><strong>Exam 3 (20%, Chapters 8 - 12)</strong></td>
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This is a draft schedule and subject to change at the Instructors discretion.