Course Description:

Class Schedule: MWF 11:00 AM -11:50 AM at MMC PC 439

This is a web-assisted course. All materials are posted in Blackboard Learn via ecampus.fiu.edu. At ecampus.fiu.edu, click on Blackboard Learn Login. Enter your FIU MyAccounts username and password.

This course deals with concepts and methods corresponding to the areas of descriptive statistics, probability, probability distributions, and inferential statistics. A scientific calculator with statistical capabilities is required.

Prerequisite: High School Algebra

Required Textbook and Materials:


**An i>clicker2 will be used in the class to solicit answers to numeric/alphanumeric questions posed by the instructor during class. The remote is available for purchase and rent at the FIU bookstore. Instructions for using i>clicker2 are on the back of the remote. The specific frequency (AC) may need to be reentered for each class. The instructor will begin collecting data the first week so you must register your device at http://www.iclicker.com/support/registeryourclicker/ prior the first day of class. Please see the last page of the syllabus for further instructions.

Course Content:

1. ** Statistics as a science: ** Definition. Basic statistical terminology. Populations and samples. Types of data. The role of statistics in managerial decision making.


5. **Inferences based on a single sample – estimation with confidence intervals**: Large-sample confidence interval for a population mean, small-sample confidence interval for a population mean, Large-sample confidence interval for a population proportion.

6. **Inferences based on a single sample – tests of hypothesis**: The elements of a test of hypothesis. Large-sample test of hypothesis about a population mean. Observed significance levels. Small-sample test of hypothesis about a population mean. Large-sample test of hypothesis about a population proportion.

7. **Inferences based on two samples – confidence intervals and tests of hypotheses**: Comparing two population means – independent sampling (large and small samples). Comparing two population proportions – independent sampling.

For more details on the content for this course, go to the following website:
http://www.fiu.edu/~statdept/STA2023syl.htm

**Grading Policy:**

The weighing scheme and tentative schedule are as follows:

<table>
<thead>
<tr>
<th>COURSE REQUIREMENTS</th>
<th>WEIGHT</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Participation</td>
<td>5%</td>
<td>TBA</td>
</tr>
<tr>
<td>3 Web-based Quizzes</td>
<td>15%</td>
<td>Unannounced</td>
</tr>
<tr>
<td>Exam I (Ch. 1-3)</td>
<td>80%</td>
<td>TBA</td>
</tr>
<tr>
<td>Exam II (Ch. 4)</td>
<td></td>
<td>TBA</td>
</tr>
<tr>
<td>Exam III (Ch. 5-6)</td>
<td></td>
<td>TBA</td>
</tr>
<tr>
<td>Final Exam (Cumulative)</td>
<td></td>
<td>See FIU Portal (PantherSoft)</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Labor Day (No Class)</td>
<td></td>
<td>September 3, 2012</td>
</tr>
<tr>
<td>Last day DROP course with DR</td>
<td></td>
<td>October 29, 2012</td>
</tr>
<tr>
<td>Veterans Day (No Class)</td>
<td></td>
<td>November 12, 2012</td>
</tr>
<tr>
<td>Thanksgiving Holiday (No Class)</td>
<td></td>
<td>November 22-23, 2012</td>
</tr>
</tbody>
</table>

The course grade will consist of **class participation, two best of the three unannounced web-based quizzes in Blackboard Learn, and four in-class closed-book exams.**

Class participation is done by answering questions for every lecture; they are posted in Blackboard Learn. If you miss the chance to answer the questions because of an University-approved and verifiable reason, then your instructor will give you an opportunity to make up the participation points.

The i>clicker2 points are added to the exam scores as extra credit points. In order to receive credit, you need to come to class at least once and respond to at least one question.

There will be **NO MAKE-UPS before the cumulative final exam**; some exceptions made by FIU policies (i.e. jury duty, religious holidays, and athlete competition) must be informed to the Instructor in a timely manner. A missed exam will result in a zero for that exam. If the final exam grade is higher than the lowest of your first three exam scores, then the result for the final exam grade will replace your lowest exam score. If for an University-approved and verifiable you are absent the day of Exam I, Exam II, or Exam III, then the final exam grade will be doubled to replace that missing grade. If you miss at least two exams, then a zero will be included in your course grade. Therefore, if you have more than one exam absences during the term, you are encouraged to drop the course.
Grading Scale:

The scale will be based on the following percentages:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Range</th>
<th>Letter Grade</th>
<th>Range</th>
<th>Letter Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>≥ 90</td>
<td>B-</td>
<td>77-79</td>
<td>D</td>
<td>60-63</td>
</tr>
<tr>
<td>A-</td>
<td>87-89</td>
<td>C+</td>
<td>74-76</td>
<td>D-</td>
<td>57-59</td>
</tr>
<tr>
<td>B+</td>
<td>84-86</td>
<td>C</td>
<td>67-73</td>
<td>F</td>
<td>&lt; 57</td>
</tr>
<tr>
<td>B</td>
<td>80-83</td>
<td>D+</td>
<td>64-66</td>
<td>F0</td>
<td>non-attendance</td>
</tr>
</tbody>
</table>

**Incomplete** will be given only if the student is in a passing status and has completed most of the course work but is unable to complete the course due to a serious interruption not caused by the student’s own negligence.

An **F0** will be given to students who both earn a failing grade based on course standards and who fail to complete at least 60% of the course requirements or fail to attend at least 60% of class sessions. An F0 equals zero grade points per credit hour and is a permanent grade.

**Attendance and Classroom Policies:**

- If you have a documented disability, please bring your documentation and come to talk to me as soon as possible so that I can make suitable accommodations for you. If you believe that you have a disability and desire accommodation, please register with the Disability Resource Center, GC 190 as soon as possible. For information on the steps for academic accommodation, please see http://drc.fiu.edu/.
- Students are expected to attend all classes with their textbook, calculator and i>clicker2 remote. Attendance will be taken for record purposes only and will not have a direct effect on the student’s final grade.
- Students must be in class on time and remain for the entire period. If you must arrive late or leave early, please do so discreetly and take a seat near an exit.
- Students must conduct themselves at all times in a manner that does NOT disrupt teaching and/or learning.
- Students are responsible for all information given in class lecture and posted on Blackboard Learn, whether you are present or not. If you miss class, contact a classmate as soon as possible to get the notes.
- As a courtesy, mobile phones and non-medical electronic devices must be off or set to silent mode during lectures and during the in-class closed-book exams.
- Students will be graded solely on their performance. In other words, your instructor will not round up your final average score, change your grade or issue individualized extra points.
- All materials provided by your instructor may not be distributed in any format without the written permission of your instructor.
- The instructor has final authority in all matters related to course content, partial test dates, grading practices, and classroom discipline and procedures.

**Exam Policies:**

- Students are required to bring their FIU One Card for each exam. Students will not be allowed to take the exams without providing their Photo ID.
- Students cannot wear HATS or CAPS during exams.
- Students are permitted to use only a non-programmable scientific calculator during examination.
- Students cannot share any materials during an exam. This includes, but is not limited to pencils, erasers, calculators, etc.
- If you arrive late to an exam, I will allow you to take the exam in the time that remains as long as no one has turned in his/her exam and left the room. If a classmate has already turned in his/her exam and you arrive late, you will earn a zero on the test.
Once a student is provided the exam, the student may not leave the classroom until the exam is turned in; for example, you may not leave the room and return to continue working on the exam.

No students’ questions related to exam material will be answered by the instructor during the exam. NO communication of any kind between students is allowed during exams. Assigned seating for exams may be used at the discretion of the instructor.

All students must take the mandatory Final Exam at the time and date specified in PantherSoft.

Cheating is NOT tolerated. Students are expected to adhere to the University’s Code of Academic Integrity (see “The Student Handbook”). Any student found guilty of academic misconduct are subject to a variety of disciplinary actions.

iClicker2 Policy:

- Students are responsible for coming to every class prepared with a working and registered i>clicker2 remote. Your instructor recommends you bring replacement batteries to class in case they fail.
- If you have lost or broken your i>clicker2 remote, you will have to purchase another one. Please email and contact me directly with your new Remote ID so that I can manually register your new remote.
- A student may not use an i>clicker2 from a student of the same class section. Your instructor considers it to be a violation of academic integrity. If you are caught with a remote other than your own or have votes in a class that you did not attend, you will forfeit all clicker points and may face additional disciplinary action.

FIU Policies on Academic Misconduct:

Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas, and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of Florida International University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook. Students who plagiarize or cheat can be charged with academic misconduct. Penalties for academic misconduct can include up to dismissal from the University.

Misconduct includes:

_Cheating:_ The unauthorized use of books, notes, aids, electronic sources; or assistance from another person with respect to examinations, course assignments, field service reports, class recitations; or the unauthorized possession of examination papers or course materials, whether originally authorized or not.

_Plagiarism:_ The use and appropriation of another's work without any indication of the source and the representation of such work as the student's own. Any student, who fails to give credit for ideas, expressions or materials taken from another source, including internet sources, is guilty of plagiarism.

Recommendation to Students:

In order to succeed in this course, it is essential that you work on all the exercises before you take any examination and attend lectures. Log in Blackboard Learn every weekday for the pop quizzes. Students should contact the instructor with any problem affecting their performance. Please use Blackboard Learn Course Mail to communicate with the instructor. The instructor will do her best to answer e-mail messages within 24 -48 hours, excluding holidays and weekends. Emails received outside of Blackboard Learn may go unanswered!

*** The instructor reserves the right to make additions and/or modifications to the syllabus as needed. ***
i>clicker2 is a response system that allows you to respond to questions your instructor pose during class; you will be graded on that feedback and/or your in-class participation. The remote is available for purchase and rent at the FIU campus bookstore. Instructions for using i>clicker2 are on the back of the remote. The specific frequency (AC) may need to be reentered for each class.

You will need to register your device at [http://www.iclicker.com/support/registeryourclicker](http://www.iclicker.com/support/registeryourclicker) and read i>clicker Student Entry user guide prior the first day of class. Your clicker’s Remote ID is an 8 digit number located on the back of your clicker. If you have difficulty reading this number, information is available on the website to retrieve your number. Your StudentID will be your FIU Student e-mail address.

Frequently Asked Questions

**I have the older version of i>clicker. Do I have to upgrade?**
Yes, you have to upgrade your remote in order to answer numeric/alphanumeric questions.

**I have a different brand of student response system. Do I have to use an i>clicker2?**
Yes, you will have to use an i>clicker2 remote so that you can earn credit for your responses.

**Does i>Clicker offer a rebate for upgrading my i>clicker or trading in my Turning Point remote?**
Yes, click [here](http://www.iclicker.com/customers/education/FloridaInternationalUniversityTradeIn) for your $10.00 rebate or copy and paste the following link to a browser:
http://iclicker.com/customers/education/FloridaInternationalUniversityTradeIn

**I am experiencing problems with my i>clicker2. Who do I contact for help?**
Students who need technical support for i>clicker2 should contact i>clicker by phone or email.

Phone: 1-866-209-5698 from 9AM-11PM EST, Monday-Friday  
Email: support@iclicker.com  
Website: [http://www.iclicker.com/support/overview](http://www.iclicker.com/support/overview) also has support documentation, video tutorials, and FAQs for students.

**I do not want to keep my i>clicker2 and do not plan to sell my remote. What can I do with it?**
Students may donate their remote to FIU. Simply give it to your instructor at the end of the semester. The remotes will be loaned to students who cannot afford it and/or experience unexpected technical issues with their i>clicker2 remote in the middle of class.