Syllabus Contents

CLASS MEETING FROM 330 PM – 445 PM in BEH 104

Email: vmudunur@mail.usf.edu

Course Description:

Exams:

Final Exam:

Tentative Exams Dates:

CLASS MEETING FROM 630 PM – 745 PM in CMC 141

Email: vmudunur@mail.usf.edu

Course Description:

Exams:

Final Exam:

Tentative Exams Dates:

PROJECT, GRADED AND ONLINE HOMEWORK’S:
CLASS MEETING FROM 330 PM – 445 PM in BEH 104

Instructor: VENKATESWARA RAO MUDUNURU www.vmudunuru.com
Email: vmudunur@mail.usf.edu

Office Hours: By appointment.
Course Coordinator: Dr. R. D. Wooten rwooten@usf.edu


Student Handbook: The Joy of Statistics Student Handbook which includes Chapter Summaries, Workbook, Using Technology and Projects. Note: updated projects may be posted on Canvas.

Class Hours: TR 03.30 PM-04.45 PM in BEH 104

Help sessions: F 03.35 AM - 04.25 PM: Sections 41, 42, 43.
F 04.40 PM - 05.30 PM: Sections 44, 45, 46.

Course Description:

S/U: Satisfactory/Unsatisfactory: Students who want to take this course for a grade of S-U must sign the S-U contract no later than the end of the third week of classes. There will be no exceptions.

Attendance: Taken regularly in help-sessions on Fridays and periodically in mass lectures.

Incomplete Grade: Only are given under dire circumstance and only if you are passing the course and have complete 2/3rd of the course material.

Exams:
Three exams 120 points each and a cumulative final (compulsory) 200 points, will be conducted during the semester. Final will be given in mass lecture room BEH 104 and the three exams in help sessions.

Final Exam:
There will be a two-hour final exam in mass lecture hall BEH-104 on Thursday April the 30th, 2015 from 12:30 PM – 2:30 PM.

Tentative Exams Dates:

<table>
<thead>
<tr>
<th>Exam-I (Units 1,2,3)</th>
<th>Exam-II (Units 4,5,6)</th>
<th>Exam-III (Units 6,7,8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb 6th, 2015 in Help sessions</td>
<td>Mar 13th, 2015 in Help sessions</td>
<td>April 3rd, 2015 in Help sessions</td>
</tr>
</tbody>
</table>
Course Description:
Basic Statistics, Elementary Probability Theory, Discrete and Continuous Distributions: Binomial Probability Distribution, Normal Distribution, Uniform Distribution, Student t-distribution, Sampling Distribution, Estimation, and Hypothesis Testing of one population; with emphasis on applications to Social Sciences, Life Sciences, Physical Sciences, Engineering and Business.

S/U: Satisfactory/Unsatisfactory: Students who want to take this course for a grade of S-U must sign the S-U contract no later than the end of the third week of classes. There will be no exceptions.

Attendance: Taken regularly in help-sessions on Fridays and periodically in mass lectures.

Incomplete Grade: Only are given under dire circumstance and only if you are passing the course and have complete 2/3 or 2/3 of the course material.

Exams:
Three exams 120 points each and a cumulative final (compulsory) 200 points, will be conducted during the semester. Final will be given in mass lecture room CMC 141 and the three exams in help sessions.

Final Exam:
There will be a two-hour final exam in mass lecture hall CMC-141 on Tuesday April the 28th, 2015 from 05:30 PM – 07:30 PM.

Tentative Exams Dates:

<table>
<thead>
<tr>
<th>Exam-I</th>
<th>Exam-II</th>
<th>Exam-III</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Units 1,2,3)</td>
<td>(Units 4,5,6)</td>
<td>(Units 6,7,8)</td>
</tr>
<tr>
<td>Feb 6th,2015 in</td>
<td>Mar 13th,2015 in</td>
<td>April 3rd,2015 in</td>
</tr>
<tr>
<td>Help sessions</td>
<td>Help sessions</td>
<td>Help sessions</td>
</tr>
</tbody>
</table>
PROJECT, GRADED AND ONLINE HOMEWORK’S:

1) **Project(s):** Project(s) are worth 80 points and are strictly graded for presentation (50), work shown (20) and correct solutions (10). All files necessary for these projects are located on the accompanying disk under projects or will be posted to Canvas.

2) **Chapter assignments (CA),** worth 40 total points (5 points each) are posted on Canvas under Assignments and may be submitted multiple times before the deadline, after which these assignments will no longer be available. Due dates are given below. Any un-submitted assignment will be interpreted as a zero.

   - CH1 January 25, 2015
   - CH3 February 8, 2015
   - CH5 March 15, 2015
   - CH7 April 12, 2015
   - CH2 February 1, 2015
   - CH4 March 1, 2015
   - CH6 March 22, 2015
   - CH8 April 19, 2015

3) **Weekly assignments (WK)** from the text, worth 80 total (8 points each). These assignments may only be submitted once. Make sure you write your name, section, and staple the pages before submission. Due dates outlined below. Any un-submitted assignment will be interpreted as a zero. **Please keep a copy of this submission before turning it for grading. Graded work will not be returned.**

   - WK1 Jan. 16, 2015
   - WK3 Jan. 30, 2015
   - WK5 Feb. 20, 2015
   - WK7 March 13, 2015
   - WK9 April 3, 2015
   - WK2 Jan. 23, 2015
   - WK4 Feb. 13, 2015
   - WK6 Feb. 27, 2015
   - WK8 March 20, 2015
   - WK10 April 10, 2015

**Important Instructions for Exams, Project and Weekly Assignment Submission:**

1. Include cover page and pagination for assigned projects.
2. Write neatly and show all necessary work. Note: all mathematical expressions need to include what, how and the final result in simplified form.
3. **(Recommendation) Write answers in ink and answer in different color ink or pencil. If typing, emphasize answers in bold and/or italic.**
4. Staple or paperclip all pages but **Do Not Fold Corners;** otherwise, you must write your name on all pages.

**Points Distribution:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>05%</td>
</tr>
<tr>
<td>Chapter Assignments (CA)</td>
<td>05%</td>
</tr>
<tr>
<td>Weekly Assignments (WK)</td>
<td>10%</td>
</tr>
<tr>
<td>Project</td>
<td>10%</td>
</tr>
<tr>
<td>Midterms</td>
<td>45%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**Syllabus: Page 4**
Grades: The University’s +/- grading policy will be used in assigning final grades. If your overall percentage of total points (after rounding up to the nearest integer) falls into the following range, you will receive the corresponding grade:

<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Grade</th>
<th>Percentage Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>96.5-100</td>
<td>A*</td>
<td>92.5-96.4</td>
<td>A</td>
</tr>
<tr>
<td>86.5-89.4</td>
<td>B*</td>
<td>82.5-86.4</td>
<td>B</td>
</tr>
<tr>
<td>76.5-79.4</td>
<td>C*</td>
<td>72.5-76.4</td>
<td>C</td>
</tr>
<tr>
<td>66.5-69.4</td>
<td>D*</td>
<td>62.5-66.4</td>
<td>D</td>
</tr>
<tr>
<td>60-59.4</td>
<td>F</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Miscellaneous and Important:

Foundations of Knowledge & Learning: This course earns 4 semester hours of credit and is part of the University of South Florida’s Foundations of Knowledge and Learning (FKL) Core Curriculum. It is approved for Mathematics and Quantitative Reasoning and will meet the following four dimensions: Critical Thinking, Inquiry-based Learning, Scientific Processes, and Quantitative Literacy.

Cheating: Cheating will not be tolerated. The university policy on Academic Dishonesty is explained at the website http://www.ugs.usf.edu/catalogs/0708/adadap.htm. The act of referring to materials such as old test, using cheat sheets and/or the workbook, student misusing their graphing calculators to store definitions and formulae, using cell phone during exams, discussing/helping other students during the exam time are few such actions among many others are deemed as cheating and the student will be given anything from “0” on the exam to grade “F” for the course based on the type of cheating. However, if any such cheating occurs on the final, students will be given an F or FF for the course.

Note on Exams: There is no make up for any exams. If you don’t take final exam, you will receive “F” for the course.

Cell Phones: Cell phones must be turned off at all times (this includes examinations, lectures and help sessions). Cell phones are not allowed to be used as a calculator.

Important Note: Any student with a disability is encouraged to meet privately with the instructor during the first week of classes to discuss accommodations. The student must bring a current Memorandum of Accommodations from the Office of Student Disability Services (SVC 1133). This is a prerequisite for receiving accommodations. Exam accommodations through the Office of Student Disability Services (SDS) require two weeks advance notice.

Note: If you need extra time on exams, you must make arrangements to take your exams with the SDS office. You cannot receive extra time if you choose to take your exams when scheduled.

Disability Access: The University of South Florida is committed to providing reasonable accommodations for all persons with disabilities. Students with disabilities are responsible for registering with the USF Students with Disabilities Services office in order to receive special accommodations and services. Students are required to give reasonable notice (typically 5 working days) prior to requesting an accommodation. A letter from the USF Students with Disabilities Services office must accompany this request.
Important Notice for USF Students: In the event of an emergency, it may be necessary for USF to suspend normal operations. During this time, USF may opt to continue delivery of instruction through methods that include but are not limited to Canvas and email messaging and/or an alternate schedule. It’s the responsibility of the student to monitor the Canvas site for each class for course specific communication, and the main USF, College, and department websites, emails, and MoBull messages for important general information.

Important Dates:

Semester: January 5, 2015 (Monday) – April 24, 2015 (Friday).
Check in the spring 2015 USF Academic Calendar more details.
Drop/Add Deadline: Friday, January 9, 2015
Withdrawal Deadline: (With a “W” Grade; No refund; No academic Penalty)
Saturday, March 21, 2015
No Class Dates: Spring Break: March 2 – March 7 2015.

Educational Assistance
Getting Help:
- You can arrange to meet me and/or a TA outside of class
- Here is an offer too good to refuse: There is Free Tutoring in Mathematics, Statistics and Science in the Library – LIB 206. Open 6 days a week except Saturdays. For hours and further information call 813-974-2713 or visit:
  - www.usf.edu/tutoring
- Statistics Peer Leaders: STA 2023 peer leaders schedule will be posted on Canvas and also on library tutoring website before first day of classes.

Workshops
The Statistical Consulting and Analytics Group (SCAG) will be hosting weekly workshops in the computer lab, CMC 209 to STA 2023 Introduction to Statistics course on a first come, first served basis on Mondays from 4:00-5:00PM.

<table>
<thead>
<tr>
<th>DATES</th>
<th>TOPIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 12, 2015</td>
<td>Graphics</td>
</tr>
<tr>
<td>January 19, 2015</td>
<td>MLK Holiday</td>
</tr>
<tr>
<td>January 26, 2015</td>
<td>Descriptive Statistics</td>
</tr>
<tr>
<td>February 2, 2015</td>
<td>Students Pick a Topic</td>
</tr>
<tr>
<td>February 9, 2015</td>
<td>Probability</td>
</tr>
<tr>
<td>February 16, 2015</td>
<td>Discrete Probability</td>
</tr>
<tr>
<td>February 23, 2015</td>
<td>Continuous Probability</td>
</tr>
<tr>
<td>March 2, 2015</td>
<td>SPRING BREAK</td>
</tr>
<tr>
<td>March 9, 2015</td>
<td>Students Pick a Topic</td>
</tr>
<tr>
<td>March 16, 2015</td>
<td>Students Pick a Topic</td>
</tr>
<tr>
<td>March 23, 2015</td>
<td>Confidence Intervals</td>
</tr>
<tr>
<td>March 30, 2015</td>
<td>Students Pick a Topic</td>
</tr>
<tr>
<td>April 6, 2015</td>
<td>Hypothesis Testing</td>
</tr>
<tr>
<td>April 13, 2015</td>
<td>Students Pick a Topic</td>
</tr>
</tbody>
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Volunteering Opportunities
Urban Scholars Outreach Program (USOP) tutors K-12 Saturdays from 10:00-12:00Noon on the third floor of Cooper Hall, visit http://math.usf.edu/outreach/scholars/.

Dr. A.N.V. Rao Gurukula Program (RGP) tutors K-12 Sundays from 10:00-12:00Noon on the third floor of Cooper Hall, visit www.anvgurukula.info facebook