STA 2023: Statistical Methods  
Fall 2011

INSTRUCTOR:  Sidra Van De Car  
E-MAIL:  ivandecar@mail.valenciacollege.edu  
PHONE:  407-582-2032  
OFFICE:  6-227

STUDENT ENGAGEMENT HOURS:
MW  9:00A – 10:00A and 11:30A – 1:30P
T    6:00P – 8:00P
R    11:00A – 12:00P via e-mail
Su   9:00P – 10:00P via e-mail

COURSE INFO:  This course (CRN: 15323) meets on MW from 10:00A – 11:15A in 8-242.

DESCRIPTION:  An introductory statistics course covering collection, description, and interpretation of data. Topics include sampling, summarizing data graphically and numerically, probability distributions, confidence interval estimation, hypothesis testing, correlation and regression. Gordon Rule course. Minimum grade of C required if STA 2023 is used to satisfy Gordon Rule and general education requirements.

PREREQUISITES:  Minimum grade of C in MAC 1102 or MAC 1104 or MAC 1105 or satisfactory score on an approved assessment.


REQUIRED MATERIALS:  Graphing Calculator (TI-83, TI-83 Plus, or TI-83 Silver recommended). Students are NOT permitted to use a calculator that performs symbolic manipulations (such as the TI-89 or TI-92) in this course.

CALCULATOR:  The TI-83 will be the modeled demonstrated in class. If a student chooses to use a calculator other than the TI-83, he will be responsible for learning how to use his calculator. The student is not permitted to store information or unapproved programs in his calculator. The instructor reserves the right to inspect and/or reset the memory of each student’s calculator. Any student found with inappropriate information stored in the calculator will be dealt with in keeping with the instructor’s policy on academic honesty (see below).

ATTENDANCE:  Attendance will be taken at every class meeting. If a student should need to miss class, he should contact the instructor as soon as possible. It is the student's responsibility to find out what material and assignments were missed due to an absence.

EXAMS:  There will be 3 exams. Each exam is worth 20% of the final course grade. There will be no make-up exams during the semester unless the absence is excused by college policy (e.g., religious holidays or college sponsored events requiring a student's attendance). The instructor has the right to ask for documentation to determine whether an absence is excused. If an exam is missed for another legitimate reason (to be determined by the instructor) then the final will be counted twice, as the missed test and the final exam.

ATLAS:  Students should familiarize themselves with their individual ATLAS accounts. Throughout the semester, the instructor may send e-mail pertaining to the course through the ATLAS system. The student is responsible for checking his ATLAS e-mail account regularly.
HOMEWORK: Homework will be assigned at each class meeting. The student is expected to attempt every problem before coming to class.

QUIZZES: There will be unannounced quizzes throughout the semester. In class quizzes may be given during the first 5 minutes of class. Take-home quizzes will be due at 10:05 a.m. on the due date given at the time of assignment. There will be NO make-up quizzes. If the student arrives late to class or is absent, a grade of zero will be recorded for the quiz.

FINAL EXAM: The final exam is comprehensive and mandatory. A grade of F will be assigned to any student who fails to take the final exam.

FINAL EXAM DATE: Monday, December 12, 2011 10:00A – 12:30P in 8-242.

WITHDRAWAL DEADLINE: Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the withdrawal deadline of November 4, 2011 will receive a grade of “W.” A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of “W.” Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of “F.” For a complete policy and procedure overview on Valencia Policy 4-07 please go to: http://valenciacc.edu/generalcounsel/policydetail.cfm?RecordID=75.

GRADING: 3 Exams 60%  
Quizzes 20%  
Final Examination 20%  

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<th>Percentage</th>
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<tr>
<td>90 – 100</td>
<td>A</td>
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<td>80 – 89</td>
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<td>70 – 79</td>
<td>C</td>
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<td>60 – 69</td>
<td>D</td>
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<td>0 – 59</td>
<td>F</td>
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EXTRA HELP: Besides visiting your instructor’s office to ask questions, please visit the Math Support Center (4-108) for help with homework or general tutoring or check out the collection of video tapes in the library dealing with the course material.

CELL PHONES: Students are required to turn off all cell phones and pagers before the beginning of class. If a cell phone or pager vibrates or is audible, the student may be asked to turn it off or leave for the remainder of the class. If there is an emergency situation warranting the use of a cell phone or pager during class time, the student must notify the professor in writing prior to the beginning of class. During a testing situation, if a cell phone or pager vibrates or is audible, the student’s quiz, test, or examination may be collected and the student may be asked to leave without an option for completion.

ACADEMIC HONESTY: All forms of academic dishonesty are prohibited at Valencia. Academic dishonesty includes, but is not limited to, plagiarism, cheating, furnishing false information, forgery, alteration or misuse of documents, misconduct during a testing situation, and misuse of identification with intent to defraud or deceive. Sanctions available to the professor should a violation occur are described in the Valencia Student Handbook or online at http://valencia.cc.fl.us/policies/PDF/10-16.pdf.
STUDENT CODE OF CLASSROOM CONDUCT: Valencia is dedicated not only to the advancement of knowledge and learning, but is concerned with the development of responsible personal and social conduct. By enrolling at Valencia, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. The primary responsibility for managing the classroom environment rests with the professor. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the professor to leave the class. Violation of any Valencia policies/procedures or classroom rules may lead to disciplinary action up to and including expulsion from the College. Disciplinary action could include being withdrawn from the class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. Valencia’s Student Code of Classroom Conduct (Policy 10-18) can be found in the current Student handbook, or online at http://valencia.cc.fl.us/policies/PDF/10-18.pdf. Additional information is available in the College Catalog (http://valenciacc.edu/catalog/04-05/default.htm on page 65 - 66).

CLAST COMPETENCIES: The College-Level Academic Skills Test (CLAST) measures the following: reading skills, essay skill, English language skills, and mathematics skills. To the extent possible, you will be encouraged to develop these skills as part of your work in this course. Additional information is available in the College Catalog (http://valenciacc.edu/catalog/04-05/default.htm on page 78-80).

VALENCIA CORE COMPETENCIES: Valencia faculty have defined four interrelating competencies (Think, Value, Communicate, Act) that prepare students to succeed in the world community. These competencies are outlined in the College Catalog. In this course, through classroom lecture and discussion, group work, and other learning activities, you will further your mastery of those core competencies. Additional information is available in the College Catalog (http://valenciacc.edu/catalog/04-05/default.htm on page 14).

STUDENTS WITH DISABILITIES: Students with disabilities who qualify for academic accommodations must provide a notification from the Office for Students with Disabilities (OSD) and discuss specific needs with the instructor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities. The East Campus Office is located in Building 5, Room 216.

ADDENDA: This syllabus is subject to change and any changes will be submitted to the student in writing. Material generated by the instructor (including lectures and printed material) is protected under the intellectual copyright laws of the United States. No reproduction of such materials may be made without the explicit permission of the instructor (including audio or video taping of the lectures).