STA 1001C: Introduction to Statistical Reasoning
Spring 2015

INSTRUCTOR: Sidra Van De Car
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PHONE: 407-582-2032

OFFICE: 6-227

STUDENT ENGAGEMENT
MW 9:00A – 10:00A, 11:00A – 11:30A, and 3:30P – 4:00P in 6-227
TR 9:00A – 10:00A in 6-227

HOURS:
F 9:00A – 11:00A via e-mail
Su 7:00P – 9:00P via e-mail

COURSE INFO: This course (CRN: 25802) meets on MW from 4:00P – 5:15P in 8-123 with a lab on W from 5:30P – 6:20P in 7-112C.

DESCRIPTION: This course provides students with an opportunity to acquire a reasonable level of statistical literacy and expand their understanding of statistical approaches to problem-solving. The main objective of this course is the development of statistical reasoning techniques and an introduction to the statistical analysis process. (Special Fee: $42.00).

PREREQUISITES: MAT 0018C with a grade of C or better or appropriate score on an approved assessment.

REQUIRED MATERIALS:
1. MyStatLab software from Addison/Wesley (Pearson).
2. A TI-83 or TI-84 graphing calculator is required for this course.
3. STA1001C Student Course Materials packet from the bookstore ($13)

ATTENDANCE:
1. The learning experience in this course is interactive and participatory; therefore, attendance is a must! You are expected to attend EVERY class meeting.
2. You will be allowed a maximum of TWO absences. After your second absence (freebies!), 5 points will be deducted for each subsequent absence, REGARDLESS OF THE REASON. Your attendance is worth 5% of your total grade.
3. You are responsible for any information and/or assignments given during class, whether you are present or not.
4. In-class activities cannot be “made up.”
5. You are expected to be in class on time, and to remain in class for the entire period. It is disruptive to arrive or depart while class is in session.
6. I do not withdraw a student because of lack of attendance. If your intention is to withdraw from the course, please withdraw through ATLAS before the withdraw deadline.

CONDUCT:
1. Group activities and in-class participation are integral elements of this course. You are encouraged to actively participate and ask pertinent questions during class. Courtesy will be observed at all times.
2. Your attitude will greatly affect your ability to succeed in this course. It will also affect your classmates’ attitudes when you participate in class discussions. Always consider this carefully before you speak or act.
3. Cell phones, pagers, or other devices that are audible are not permitted to be on during class. Unplug yourself and make the most of class time! Personal electronic devices disrupt your learning as well as the learning of other students.
4. To create a good environment for learning, avoid sidebar conversations about irrelevant topics, rude comments or remarks, raised voices or confrontational comments. Follow instructions given by your instructor, who serves as your classroom facilitator.
5. If your actions in class are deemed by your instructor to be disruptive, you will be asked to leave class immediately. If you are ever asked to leave class, you may be permitted to return to future class meetings after consultation with your instructor outside of class. You may also be required to arrange a conference with another college official before attending class again.

EXAMS:
1. You must complete each test within the time allotted during the class period.
2. Every test score will be used in the computation of your progress test average. There are no “dropped” test scores.
3. If an absence on the day of a test is unavoidable, you must contact your professor. Alternate arrangements are neither guaranteed nor automatic.
4. All materials in your work area during testing, including electronic memory, are subject to thorough and unannounced inspection by the instructor.
5. If you are caught or suspected of cheating on a test, your grade will be a zero. If there is a second incidence of cheating, your grade for the course will be a zero and you may be reported to the Office of Student Conduct.

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:
Completion of homework on a regular basis is crucial to your success. You will be assigned homework each class from the Take It Home (TIH) in the STA1001C Student Course Materials and online in MyStatLab.

QUizzes:
Quizzes will be regularly assigned online in MyStatLab. You may have 2 attempts on each quiz with the highest of the two entering into your average. There are no makeup quizzes.

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 March 27, 2015 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.

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).

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, Ph: 407-582-2229, Fax: 407-582-8908, TTY: 407-582-1222.

VALENCIA I.D. CARDS:

Valencia ID cards are required for LRC, Testing Center, and IMC usage. No other form of ID at those locations will be accepted. Possession and utilization of a Valencia ID is mandatory in order to obtain these services.

COMPUTER/EQUIPMENT USE POLICY:

Use of computers in the Business, IT, and Public Service classrooms at Valencia College is restricted to those activities designated by the instructor to enhance the class materials. Any other use is strictly forbidden. Inappropriate use includes, but is not limited to:

- Use of computer to send E-mail or access Internet sites not specifically assigned in class.
- Use of computer for job, internship, homework or other activities not assigned in class.
- Modifying any hardware or software system configuration or setting.
- Activities not in accordance with the Valencia Student Code of Conduct

Use of computers in the departmental open lab is limited to those activities involved with preparing homework or coursework in this department and is subject to the same restriction as listed above.

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).
GRADING: You may check your grade in the course by selecting "Gradebook" in MyStatLab. The following is a summary of how your grade will be determined with due dates.

1. **Tests: 40%**
   - Test 1 (Chapter 2): 2/16/15
   - Test 2 (Chapter 3): 3/25/15
   - Test 3 (Chapter 4): 4/13/15
   - Test 4 (Chapter 5): 4/20/15

2. **Homework: 15%**
   a) **MyStatLab HW**
      - Ch 2 Prep: 1/16/15
      - Ch 2 Prep: 1/30/15
      - Ch 2 Prep: 2/06/15
      - Ch 2 Prep: 2/06/15
      - 2.4: 2/13/15
      - 2.5: 2/20/15
      - 3.1: 2/27/15
      - 3.2: 2/27/15
      - 3.3: 3/06/15
      - 3.4: 3/06/15
      - 3.5: 3/20/15
      - 3.6: 3/20/15
      - 3.7: 3/27/15
      - Ch 4 Prep: 3/27/15
      - 4.1: 4/03/15
      - 4.2: 4/03/15
      - 4.3: 4/24/15
      - 4.4: 4/24/15
      - 5.1: 4/17/15
      - 5.2: 4/17/15
      - 5.3: 4/24/15
   
   b) **Text TIH HW**
      - 1.1: 2/16/15
      - 2.1: 2/16/15
      - 2.2: 2/16/15
      - 2.3: 2/16/15
      - 2.4(1): 2/16/15
      - 2.4(2): 2/16/15
      - 2.5: 2/16/15
      - 3.1: 3/25/15
      - 3.2: 3/25/15
      - 3.3: 3/25/15
      - 3.4: 3/25/15
      - 3.5: 3/25/15
      - 3.6: 3/25/15
      - 3.7(1): 3/25/15
      - 3.7(2): 3/25/15
      - 4.1: 4/20/15
      - 4.2: 4/20/15
      - 5.1(1): 4/20/15
      - 5.1(2): 4/20/15
      - 5.2: 4/20/15
      - 5.3(1): 4/20/15
      - 5.3(2): 4/20/15

3. **Quizzes: 15%**
   - Ch. 2A Quiz: 1/30/15
   - Ch. 2B Quiz: 2/13/15
   - Ch. 2 Review: 2/20/15
   - Ch. 3A Quiz: 3/06/15
   - Ch. 3B Quiz: 3/27/15
   - Ch. 3 Review: 3/27/15
   - Ch. 4 Review: 4/10/15
   - Ch. 5 Review: 4/24/15

4. **Lab: 10%**

5. **Attendance: 5%**

6. **Final exam: 15%**
Instructions for Accessing Course through My Stat Lab

Before You Begin:
To register for MyStatLab, you need:

☑ MyStatLab student access code: ________________________________________
☑ Your instructors’ Course ID:  vandecar27005
☑ A valid email address

Student Registration:
• Enter http://www.pearsonmylabandmastering.com/northamerica/mystatlab/ in your web browser.
• Under Register, click Student.
• Enter your Course ID exactly as provided by your instructor and click Continue. Your course information appears on the next page. If it does not look correct, contact your instructor to verify the Course ID.
• Sign in or follow the instructions to create an account. Use an email address that you check and, if possible, use that same email address for your username. Read and accept the License Agreement and Privacy Policy.
  Click Access Code. Enter the Access Code above in the boxes and click Next.

Once your registration is complete, a Confirmation page appears. You will also receive this information by email. Make sure you print the Confirmation page as your receipt. Remember to write down your username and password. You are now ready to access your resources!

Signing In:
• Go to http://www.pearsonmylabandmastering.com/northamerica/mystatlab/ and click Sign in.
• Enter your username and password and click Sign In.
• On the left, click the name of your course.

The first time you enter your course from your own computer and anytime you use a new computer, click the Installation Wizard or Browser Check on the Announcements page. After completing the installation process and closing the wizard, you will be on your course home page and ready to explore your MyStatLab resources!

Need help?
Contact Product Support at http://www.mystatlab.com/student-support for live CHAT, email, or phone support.
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<thead>
<tr>
<th>Date</th>
<th>Monday</th>
<th>Wednesday</th>
<th>Wednesday (Lab)</th>
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<tbody>
<tr>
<td>1/12-1/16</td>
<td>Lesson 1.1</td>
<td>Lesson 1.1</td>
<td>(Lesson 1.2) - Mindset Activity and 8 choices</td>
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<td>1/19-1/23</td>
<td>No Class</td>
<td>Lesson 2.1</td>
<td>Learning Styles Assessment</td>
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<td>1/26-1/30</td>
<td>Lesson 2.2</td>
<td>Lesson 2.3</td>
<td>Note-Taking Skills</td>
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<td>2/02-2/06</td>
<td>Lesson 2.4</td>
<td>Lesson 2.4</td>
<td>Histogram and Boxplot Project</td>
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<td>2/09-2/13</td>
<td>Lesson 2.5</td>
<td>Lesson 2.5</td>
<td>Study Skills</td>
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<td>Review</td>
<td>Test Review</td>
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<td>2/16-2/20</td>
<td>Test 1 (Ch 2)</td>
<td>Lesson 3.1</td>
<td>Personal Responsibility (Victim vs. Creator)</td>
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<tr>
<td>2/23-2/27</td>
<td>Lesson 3.2</td>
<td>Lesson 3.3</td>
<td>Test-Taking Errors/Strategies</td>
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<td>begin Time Mgmt Project</td>
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<td>3/02-3/06</td>
<td>Lesson 3.4</td>
<td>Lesson 3.5</td>
<td>Making Wise Choices - finish Time Mgmt Project</td>
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<td>3/09-3/13</td>
<td>Spring Break</td>
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<td>3/16-3/20</td>
<td>Lesson 3.6</td>
<td>Lesson 3.7</td>
<td>Test Review</td>
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<td>3/23-3/27</td>
<td>Lesson 3.7</td>
<td>Test 2 (Ch 3)</td>
<td>Graphing Activity</td>
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<td>3/30-4/03</td>
<td>Lesson 4.1</td>
<td>Lesson 4.2</td>
<td>Regression Project (Test Grade)</td>
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<td>Creating a Support Network &amp; Eight Choices Post Assess</td>
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<td>4/06-4/10</td>
<td>Lesson 4.2</td>
<td>Lesson 5.1</td>
<td>Regression Project (Test Grade)</td>
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<td>4/13-4/17</td>
<td>Lesson 5.2</td>
<td>Lesson 5.3</td>
<td>Test Review</td>
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<td>Pass It Forward</td>
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<td>4/20-4/24</td>
<td>Test 4 (Ch 5)</td>
<td>Review</td>
<td>Final Exam Review</td>
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<td>4/27-5/01</td>
<td>Final Exam</td>
<td>No Class</td>
<td>No Lab</td>
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<td>5:00-7:30 pm</td>
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