Instructor’s Location:
Valencia College (West Campus)
1800 S. Kirkman Road (MC 4-23)
Orlando, FL 32811
Office: Building 5, Room 247
Phone: (407) 582-1475

Instructor: Dr. Ryan Kasha
Email: rkasha@valenciacollege.edu
Office: 5-247 on West Campus of Valencia College located in Orlando, FL
Website: http://frontdoor.valenciacollege.edu/?rkasha

Preferred Method of Contact: E-mail through Canvas or rkasha@valenciacollege.edu

Office Hours:
Monday & Wednesday: 7:30 AM – 10:00 AM on campus by appointment or via e-mail
Tuesday & Thursday: 8:00 AM – 8:30 AM and 11:15 AM – 12:00 PM
Friday: 7:30 AM – 10:00 AM via e-mail ONLY!
Available by appointment on campus or via e-mail (checked everyday M – F)!

Testing Information: You are required to take a 3 proctored exams, a proctored midterm, and a proctored final exam at one of the Testing Centers of Valencia College or an approved alternative proctored site (pre-arrangement is required during the first week of classes) with only a TI-83/84 calculator ONLY. State ID and Valencia ID card will be required to take all exams at the testing center.

There are 4 Proctored Exams, a Proctored Midterm, and a Proctored Final Exam in this course! There are no take-home exams except CH 1 Exam!

Course Description:

Prerequisite: A grade of “C” or higher in STA 1001, MAT 1033, or MAC 1105; appropriate score on placement test; or placement by math department.

Course Description/Topics: An introductory statistics course covering collection, description & interpretation of data. Topics: sampling, summarizing data graphically & numerically, probability distributions, confidence interval estimation, hypothesis testing, correlation & regression. Gordon Rule course: Minimum grade of C required if STA 2023 used to satisfy
STA 2023 Statistical Methods Syllabus
CRN 20235 ON-LINE
SPRING 2020

Gordon Rule & general education requirements. Credit Hours: 3

Educational Materials:


Calculator: A graphing calculator is required (*TI – 83 or TI-84+ ONLY*) or scientific calculator/basic calculator.

MyStatLab Access Code: Required to log in to Pearson website used for homework and exams *(ISBN 1323910166) Code purchase may NOT be required if you took STA 1001C on West Campus or if you are repeating this course!*

Can be purchased at West Campus bookstore or paid for via credit card on the website.

Website Access: mystatlab.com

Make sure that the correct ISBN number is listed on MyLab Statistics (MyStatLab).

Course ID: kasha70884 (provides access to correct course and 14-day grace period). Access code is required after 14-day grace period or access can be gained with a credit card payment on the software’s website.

You may want to use the 14-day grace period to explore the course before paying for it in case you intend to drop this course. Once you pay course access through MyStatLab, there are no refunds!! However, if you intend to stay enrolled in the course after reviewing the syllabus, course requirements, and how the on-line software works, then pay for course access as soon as possible. **DO NOT WAIT UNTIL THE 14TH DAY TO PAY FOR COURSE ACCESS!** Pay for the course access code early to avoid being locked out of your MyStatLab account.

Additional Resources to explore:

Valencia College provides many resources for extra help in your courses. Take advantage of these resources.

- Valencia’s Math Help 24/7: [www.valenciacollege.edu/math/liveScribe.cfm](http://www.valenciacollege.edu/math/liveScribe.cfm)
- Khan Academy: [www.khanacademy.org](http://www.khanacademy.org)
- Smart Thinking by Pearson (free through your atlas account): [https://www.smarthinking.com/](https://www.smarthinking.com/)
The West Campus Math Center is in 7-240. There you will find Valencia math department staff, peer tutors, and study rooms, computer-based tools as available for your text, and support materials for check-out with your Valencia ID including graphing calculator. Peer tutoring is only available M – F on West Campus. Check for availability on other campuses.

**Academic Honesty:**
Students are expected to complete all course requirements honestly and as directed. Students who do not complete all course requirements honestly will be given an automatic F in this course and could be referred to the Dean of Students for further consequences. This penalty will be imposed, no minor how the infraction is, as there is zero tolerance! It is important to follow all posted directions and to take responsibility for your own learning in this course. The instructor will impose test procedures that must be followed. Any student that fails to follow proper testing procedures as prescribed by the instructor will be construed as cheating and this policy will be enforced as stated above. Policy Website Link: [http://valenciacollege.edu/generalcounsel/policy/ValenciaCollegePolicy.cfm?policyID=180](http://valenciacollege.edu/generalcounsel/policy/ValenciaCollegePolicy.cfm?policyID=180).

**Withdrawal Policy:**

The deadline to withdraw from class with a grade of “W” is March 20, 2020 (11:59 PM on atlas) for full-term classes. After the deadline, students will NOT be able to withdraw and will receive the grade earned according to the instructor’s grading policy. Students taking this course for the third time cannot withdraw after the add/drop period (first week of classes) – they must receive an actual grade per state and college policy. The instructor will not withdraw a student from the course as it is the student’s responsibility to withdraw prior to the withdrawal deadline. A student that is withdrawn/withdraws will receive a grade of “W”. A student who does not participate in the introductory activity during the first week of classes will be withdrawn as a “No Show” and will receive a grade of “W” as per college policy. The introductory activity will compose of you posting on the discussion forum in Canvas, completing the e-math ready program with a certificate, agreeing to the syllabus requirements/contract in MyMathLab, and getting registered in MyMathLab and beginning the first assignment! The instructor does not withdraw students. If a student is NOT withdrawn, then the student will be assigned a course grade in accordance with the syllabus with all missed assignments given a grade of 0.

Policy Website Link: [http://valenciacollege.edu/generalcounsel/policy/ValenciaCollegePolicy.cfm?policyID=75](http://valenciacollege.edu/generalcounsel/policy/ValenciaCollegePolicy.cfm?policyID=75)

**Incomplete Grade Policy:** Incomplete grades will not be given under any circumstances in this course. Students having a difficult time complete course requirements successfully should withdraw from the course prior to the withdrawal deadline (See above).
Grading Policy:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>POINTS</th>
<th>Percent Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 1 Exam (Take-Home)</td>
<td>80 POINTS</td>
<td>8%</td>
</tr>
<tr>
<td>CH 2 Exam (proctored); TI-83/84 calculator ONLY</td>
<td>80 POINTS</td>
<td>8%</td>
</tr>
<tr>
<td>CH 3/4 Exam (proctored); TI-83/84 calculator ONLY</td>
<td>80 POINTS</td>
<td>8%</td>
</tr>
<tr>
<td>CH 5/6 Exam (proctored); TI-83/84 calculator ONLY</td>
<td>80 POINTS</td>
<td>8%</td>
</tr>
<tr>
<td>CH 7/8 Exam (proctored); TI-83/84 calculator ONLY</td>
<td>80 POINTS</td>
<td>8%</td>
</tr>
<tr>
<td>Midterm Exam (CH 1 to 4; PROCTORED – TI-83/84 calculator ONLY)</td>
<td>200 POINTS</td>
<td>20%</td>
</tr>
<tr>
<td>Comprehensive Final Exam (CH 5 to 10; PROCTORED – TI-83/84 calculator ONLY)</td>
<td>200 POINTS</td>
<td>20%</td>
</tr>
<tr>
<td>MyMathLab Homework (Average multiplied by 2)</td>
<td>200 POINTS</td>
<td>20%</td>
</tr>
<tr>
<td>Extra Credit (Student Feedback of Instruction Survey)</td>
<td>10 POINTS</td>
<td>1%</td>
</tr>
<tr>
<td><strong>TOTAL for course:</strong></td>
<td><strong>1000 POINTS</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**NOTE:** Any missed exams or assignments will be assigned a grade of 0 and will be averaged in accordance with the course syllabus.

**Proctored Exams, Midterm, and Final Exam (1 attempt ONLY; TI-83/84 calculator permitted):**

You will have several proctored examinations throughout this course through the software MyStatLab. The best way to prepare for exams is to do the homework assignments in MyStatLab. The midterm is a cumulative exam given at the end of the course covering CH 1, 2, 3, and 4. The final exam is a cumulative exam given at the end of the course focused on CH 5, 6, 7, 8, 9, and 10. All exams are mandatory and can be taken only ONCE! Students will receive a grade of 0 for any missed exam(s), which will impact the final average in the course. There are no dropped grades or replaced grades in this course; all exams counts towards your final grade average in accordance with the syllabus grading policy.

You have 1 attempt per exam. All exams will be closed notes, closed books, and ONLY a TI-83/84 calculator or basic calculator will be permitted.

All exams must be taken at a testing center at Valencia College or any other testing site approved by the instructor. The student must identify their choice of testing site during the first week of classes (completed through syllabus agreement in MyMathLab). Students who do not specify their testing site of choice with instructor’s approval will be defaulted to taking all exams at Valencia College’s testing center (located in Orlando, FL area).

All due dates and times are listed next to each exam and are Eastern time (USA)!
MSL Homework *(TI-83/84 or basic calculator permitted)*:

Students will have videos and homework problems to complete in MyStatLab. Students must open each video link to be given credit for the video. Students have unlimited attempt on each homework problem and has resources in each problem if assistance is needed such as viewing a similar example or receiving hints step by step in MyStatLab. Students should complete all homework assignments by the respective, posted due date and time. Students may work on the homework past the due date with no grade penalty until the last week of the course prior to the final exam. The purpose is to provide students an opportunity to improve their homework grade and continuously study the course content.

*It is important to note that students must score a grade of 80% or higher on all corresponding homework assignments to gain access to the review homework/study guide. The review homework/study guide is required and counts towards your homework grade. The review homework/study guide is a good guide to the format and types of questions to expect on the actual exam. All of the previous homework assignments and tutorial videos will help you prepare and gain the skills necessary for the review homework and actual exam. It is crucial that all corresponding video/homework assignments are completed ahead of the due dates to allow ample time to complete the review homework/study guide and corresponding exam.*

All due dates and times are listed next to each exam and are Eastern time (USA)!

Extra Credit:

**Course Survey (SFI):** Near the end of the semester (last few weeks), you will receive an invitation to complete a course survey. Your feedback, input, and opinions are important and do make a difference in making this course better for future students. Your perception adds value and insight to improving the course. If you complete the course survey and send proof to your instructor via the “Send Proof” link after completing the survey, you will receive 10 bonus points for doing it (1% of course grade). Please note that the actual results of the survey are completely anonymous and are not received until after the semester is over.

**Grading Scale & Criteria (Strictly Enforced):**

<table>
<thead>
<tr>
<th>Percentage Scale (Points Scale)</th>
<th>Course Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90.0% or higher (900 – 1000 pts)</td>
<td>A</td>
</tr>
<tr>
<td>80.0% – 89.9% (800 – 899 pts)</td>
<td>B</td>
</tr>
<tr>
<td>70.0% – 79.9% (700 – 799 pts)</td>
<td>C</td>
</tr>
<tr>
<td>60.0% - 69.9% (600 – 699 pts)</td>
<td>D</td>
</tr>
<tr>
<td>Below 60.0% (0 – 599 pts)</td>
<td>F</td>
</tr>
</tbody>
</table>
Note: All grades on all on-line assignments (homework/exams) are rounded to the nearest hundredth of a percent. All final course grades are rounded to the nearest hundredth of a grade (nearest tenth of a percent).

There are plenty of opportunities for success in this course if you take this course seriously and work hard. I always hope that all students will be successful! All grades in this course are earned, not given! So if you do well, be proud of your hard work, effort, and time that has contributed to you doing well.

Make-Up/Extensions:
There are no extensions given except for extenuating circumstances with required documentation. Please contact your instructor if you have an extenuating circumstance such as a death in the family, medical emergency, etc. that prevents you from meeting your deadline(s) in this course! Your instructor will attempt to accommodate all reasonable requests determined at his sole discretion. Students having difficulties adhering to due dates or having a difficult time completing course requirements successfully should consider their option of withdrawing from the course prior to the withdrawal deadline.

Manage your time responsibly and accordingly - - you are better off working well ahead of all posted due dates/times. Anticipate things coming up - - expect the unexpected! Any and all extensions are handled on a case-by-case basis and are given solely at the instructor’s discretion. There is no extension for the final exam.

E-mail Communication Policy:
Please understand that e-mail and Canvas are the primary forms of communication. It is essential that you check your e-mail and Canvas announcements/messages regularly to maintain effective, timely communication!

The instructor will post all important information and updates via announcements in Canvas. Students should check their announcements in Canvas regularly as well as their atlas e-mail. Students can correspond with the instructor via e-mail messages in Canvas or through their atlas e-mail. Any private issues such as grade, personal issue, etc. can only be discussed by office appointment or through your atlas e-mail account. Grades are discussed in person by appointment ONLY or via your Canvas or atlas e-mail ONLY! To protect your privacy, all e-mail messages should NOT originate from your personal e-mail account, but should originate from your Valencia e-mail or Canvas account ONLY! Students are expected to check their atlas e-mail daily and Canvas for e-mail/announcements.

It is required for students to keep all notifications turned on in Canvas. Students take
responsibility for all disbursed information whether notifications are turned on/off; so keep your notifications turned on!

In your e-mail message: Include a fully written, clear message, a relevant subject line, your name, your course, and a contact phone number!

Misunderstandings or frustration can sometimes occur quickly via written communication and/or in online environments without the face-to-face opportunity for clarification. If you feel lost, confused, upset, or frustrated we’ll try our best together to change that. You may email me at any time (E-MAIL THROUGH CANVAS is preferable). I will try to answer within 48 hours (M-F), but often sooner. Please know that I as your instructor am doing my best as well!

Technology Policy and Support:

This course relies on the use of technology to aid in your learning. You are expected to check Canvas and your e-mail daily to ensure that you have the most current information. Computers are available on campus if you do not own one. If you experience any technical issues, call the support numbers below. The instructor is not responsible for any technical issues regarding a student’s personal computer or personal Internet connection. For students experiencing issues with their computer/Internet should consider their option of completing their work on campus.

Canvas Help Desk: (407)-582-5600 or onlinehelp@valenciacollege.edu
OIT Help Desk: (407)-582-5555
My Math/Stat Lab technical support: The number is 1-800-677-6337 (M-F 8am – 5pm CST)

Valencia ID card:

Your student ID card can be obtained in the Security Office on any Campus once you have registered and paid for your classes. You will need your Valencia student ID card to access campus services such as the Library and Testing Center. In addition, students will be required to have their Valencia ID in order to take a mastery quiz in the lab. Furthermore, Valencia ID may be required for any in-class exams or quizzes (including the midterm and final exam). All students will need a Valencia ID and state ID (such as a driver’s license) to take all exams including the final exam. The testing center or site will be required to check and verify all IDs (no exceptions).

Special Accommodations:

Students with disabilities who qualify for academic accommodations must provide a notification to Instructor (NTI) form from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate
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documentation of disabilities. The instructor will comply with all listed accomodations. Please advise OSD to list accomodations specific for your math course. Contact information: West Campus SSB, Rm. 102 Phone: 407-582-1523 Fax: 407-582-1326 TTY: 407-582-1222 Policy Website Link: http://valenciacollege.edu/osd/  
ONLY accommodation request from Valencia College OSD office will be honored. It is the student’s responsibility to meet Valencia’s OSD requirements for accommodations!  

Student Resource for Assistance:  
Valencia College is interested in making sure all students have a rewarding and successful college experience. Valencia students can get immediate help with issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management, relationships, or any other problems associated with school, home or work. BayCare Behavioral Health Student Assistance Program (SAP) services are free to all Valencia students and available 24 hours a day by calling (800) 878-5470. Free face-to-face counseling is also available.  

Disclaimer:  
Changes in the syllabus, course calendar, evaluation procedure, homework assignments, and/or any other documents may be made at any time. The instructor will provide notice of any and all changes via e-mail/Canvas. Students are responsible for any and all changes made!  

<table>
<thead>
<tr>
<th>Content covered in the course (01/06/2020 to 04/22/2020):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Overview, E-math ready certification, syllabus contract, Canvas discussion, and MyMathLab registration (Week 1); due 01/10/2020</td>
</tr>
<tr>
<td>Ch 1: Overview of Statistics, Data Classification, Data Collection, Experimental Design</td>
</tr>
<tr>
<td><strong>CH 1 Exam will be due by January 17, 2020</strong> (ONE ATTEMPT ONLY; take-home!)</td>
</tr>
<tr>
<td>Ch 2: Frequency Distributions and Graphs, More graphs and displays, Measures of Central tendency and variation, Measures of Position</td>
</tr>
<tr>
<td><strong>CH 2 Exam will be due by January 31, 2020</strong> (ONE ATTEMPT ONLY!)</td>
</tr>
<tr>
<td>Ch 3/4: Overview of Probability, Properties of Probability, Probability Distributions, and Binomial Distributions</td>
</tr>
<tr>
<td><strong>CH 3 &amp; 4 Exam will be due by February 15, 2020</strong> (ONE ATTEMPT ONLY!)</td>
</tr>
<tr>
<td><strong>Midterm Exam (CH 1 – 4) will be due by February 21, 2020</strong> (ONE ATTEMPT ONLY!)</td>
</tr>
<tr>
<td>Ch 5/6: Normal distribution, Standard Normal Distribution, Finding probabilities and values, Central Limit Theorem, Confidence Intervals (σ known, σ unknown, and proportions)</td>
</tr>
<tr>
<td><strong>CH 5 &amp; 6 Exam will be due by March 20, 2020</strong> (ONE ATTEMPT ONLY!)</td>
</tr>
<tr>
<td>Ch 7/8: Hypothesis Testing (1 sample and 2 samples with σ known, σ unknown, independent vs dependent samples, proportions)</td>
</tr>
<tr>
<td>Ch 9: Correlation; Ch 10: Goodness-of-Fit Test (10.1 ONLY)</td>
</tr>
<tr>
<td><strong>CH 7 &amp; 8 Exam will be due by April 10, 2020</strong> (ONE ATTEMPT ONLY!)</td>
</tr>
<tr>
<td><strong>Final exam will be due by April 22, 2020</strong> (ONE ATTEMPT ONLY!)</td>
</tr>
</tbody>
</table>
All specific due dates/times can be found in MyStatLab next to each assignment (Eastern time USA). Log in and work regularly. Keep track of ALL due dates!!

Direct Website Access: mystatlab.com

Do not wait until the last minute, as unexpected circumstances or computer problems should be anticipated - - work ahead of due dates!

NOTE:
January 13, 2020: Drop/Refund Deadline 11:59 PM on atlas
January 20, 2020: MLK Day (No Classes – College Closed!)
February 14, 2020: Learning Day (No classes – College Closed!)
March 9 – 15, 2020: Spring Break (No classes – College Closed!)
March 20, 2020: Withdrawal Deadline (Deadline is 11:59 PM on atlas for a grade of “W”)
April 19, 2020: Full Term Classes End
April 20 – 26, 2020: Final Exam Week
April 28, 2020: Final Course Grades viewable in Atlas

Consult http://www.valenciacollege.edu/calendar/FinalExam.cfm for more information!
More Important Dates can be found here: http://valenciacollege.edu/calendar/

Testing Center Contact Information:

West Campus: (407) 582-1323; Building 11, Room 142
East Campus: (407) 582-2428; Building 4, Room 124
Osceola Campus: (407) 582-4149; Building 4, Room 248
Winter Park: (407) 582-6086; Building 1, Room 104
Lake Nona: (407) 582-7104; Building 1, Room 206

General Website: http://valenciacollege.edu/testing-center/
State ID/Valencia ID required for all testing sites (NO EXCEPTIONS!)

Be aware of testing center operating hours and plan ahead to allot the time necessary to complete all exams. In addition, anticipate the unexpected and plan to complete your assessments ahead of the due date(s)!
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SPRING 2020

STA 2023 Grade Calculation Sheet – Required for Grade Appointments/Discussion

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 1 EXAM Grade · 0.80</td>
<td></td>
<td>/80 points</td>
</tr>
<tr>
<td>CH 2 EXAM Grade · 0.80</td>
<td></td>
<td>/80 points</td>
</tr>
<tr>
<td>CH 3/4 EXAM Grade · 0.80</td>
<td></td>
<td>/80 points</td>
</tr>
<tr>
<td>CH 5/6 EXAM Grade · 0.80</td>
<td></td>
<td>/80 points</td>
</tr>
<tr>
<td>CH 7/8 EXAM Grade · 0.80</td>
<td></td>
<td>/80 points</td>
</tr>
<tr>
<td>On-line Homework (AVERAGE · 2)</td>
<td></td>
<td>/200 points</td>
</tr>
<tr>
<td>Midterm Exam · 2</td>
<td></td>
<td>/200 points</td>
</tr>
<tr>
<td>Final Exam · 2</td>
<td></td>
<td>/200 points</td>
</tr>
<tr>
<td>Extra Credit Points (Course Survey)</td>
<td>/10 points</td>
<td></td>
</tr>
<tr>
<td>TOTAL (Add all grades from above)</td>
<td></td>
<td>/1000 points</td>
</tr>
</tbody>
</table>

900 – 1000 PTS = A; 800 – 899 PTS = B; 700 – 799 PTS = C; 600 – 699 = D; below 600 PTS = F

To figure out your grade at any point in the course, log into MyMathLab, select gradebook, and click on SEE OVERALL SCORE. Click on SEE CALCULATIONS for a break-down of points earned in each component and total points/overall grade. In addition, you can also track your grades in Canvas.

NOTE: All past due assignments do not count against your overall grade until those assignments are converted to a grade of zero during periodic updates. Once past due assignment(s) are converted to a zero during a periodic update, they are included in your overall points and grade average.
I have read the syllabus, letter from the dean (posted on instructor’s website), and have printed the syllabus including the timeline for my notebook/records. I understand that I am responsible for all the content within these documents and that I will be expected to uphold my responsibilities of being an active student learner at Valencia. I further understand that I am responsible for all course requirements and due dates/times. In addition, I understand the course policies and all consequences on missed assignments, quizzes, assessments, and late work policy as described in the syllabus.

Also, I understand that purchasing an access code for the course software is a requirement as the software contains all required assignments that are graded. I take responsibility for getting and maintaining access to the course software as any and all missed assignments will be recorded as a grade of 0. I understand that not purchasing the software is not an acceptable excuse for late/missed assignments.

I further understand that I must take the midterm and the final exam at the testing site location at Valencia College or must seek instructor’s approval for a different testing site during the first week of classes. I understand that a ONLY a TI-83/84 calculator is permitted for all homework assignments, exams, and the final exam.

You will agree to this syllabus contract electronically through MyMathLab as your first assignment (non-graded)!

More information is provided through the syllabus contract agreement through MyMathLab.

Note: This form must be electronically completed/agreed to by the end of the first week of classes to stay actively enrolled in your course.

Any student who does not complete this assignment/agreement in MyMathLab will be withdrawn as a No-Show student and will receive a grade of W for the course. This is due before the beginning of the second week of classes!