

St. Petersburg College

Course Syllabus

STA 2023 Elementary Statistics (online), Class Number 2891, Spring, 2015

Instructor: Tony Long

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Department: Mathematics (SA 215)

Department Chair: David Kolonoski

Dean of Mathematics: Jimmy Chang

Office: SA 241

Office hours: T,Th 7:00-8:00 am, 9:15-10:00 am, 12:15-2:00 pm
F 7:00 am – 2:00 pm

Campus: St. Pete/Gibbs

My Office Phone: (727) 341-4618

Math Office Phone: (727) 341-3573

Welcome! Welcome to STA2023. It is my pleasure to help you navigate this math course and to facilitate your learning. I care about your learning and want to help you be successful. To ensure your success, the following expectations are utilized in this course.

What you, the Student, can expect from me, your Professor:

1. Organized content.
2. Clearly stated learning objectives.
3. Assistance learning technology.
4. Clear communication.
5. 24 hour response time to emails and MyStatLab questions (M-F) and up to 48 hours on weekends. I do not respond to emails on Sundays.

What I, the Professor, expect from you, the Student:

1. Develop a study plan and strategy and execute the plan.
2. Respect my time and that of your colleagues.
3. Complete the assigned work in advance of due dates rather than the night of the due date.
4. Allow 24-48 hours for a response to your electronically sent questions.
5. Report discrepancies in grading within **3 days** of grade being posted rather than at the end of the semester.

Students whose attendance is irregular (as defined below in this syllabus) or whose grades fall below a 70% will be referred to an Academic counselor using the SPC Early Alert system. You are encouraged to communicate with me directly and promptly should any concerns arise for you.

Additional course policies follow below in detail. You are responsible for all the syllabus information. This applies to late adding students as well.

COURSE INFORMATION:

Course Description: STA 2023 Elementary Statistics. Prerequisite: MAT 1033 with a grade of “C” or better (recommend MAT 1033, with a grade of “C” or better taken within the last two years), or appropriate score on the SPC mathematics placement test. This course includes concepts taken from topics which include descriptive statistics, measures of central tendency and dispersion, probability, probability distributions, relative frequency distributions, sampling distributions, binomial distribution, normal distribution, the student's t distribution, the Chi-square distribution, estimation using confidence intervals, hypothesis testing, linear regression, correlation, and nonparametric statistics. Credit is not also given for STA 2023H. 47 contact hours.

Major Learning Outcomes:

1. The student will understand the methods for collecting, organizing and describing sets of data.
2. The student will understand how probability is used to make statistical inferences.
3. The student will be familiar with the fundamental concepts of random variables as they apply to statistical inferences.
4. The student will understand how sampling distributions are used in making statistical inferences.
5. The student will be familiar with the fundamental concepts of statistical inference as they apply to problems found in other disciplines.
6. The student will understand the basic principles of simple linear regression and correlation and their applications to practical problems in today's society.
7. The student will understand and apply the basic principles of nonparametric tests (distribution free tests).

Other Critical Course Expectations

Students are required to obtain MyStatLab Access **by the end of the first week of class**. A **TI-83/84 graphing calculator is required** and calculator apps (for the pc or mobile device) are **NOT** permitted on Exams. **Word, PowerPoint and Excel are required**. A Team component and collaborative work is **required** as part of your grade. There are twice weekly “ATTENDANCE” requirements (Monday night discussion board posts and Thursday night replies to a post by a classmate). **A midterm and final, both in proctored settings, are required. Proctor U is not permitted. There is a new policy at SPC:**

NEW POLICY- Students are **REQUIRED** to make an appointment when testing at an SPC location. Follow specific details provided for you in the E-Campus Testing information folder in the course.

http://www.spcollege.edu/ecampus/ecampus/proctored_testing

REQUIRED TEXTBOOK & OTHER RESOURCE INFORMATION:

Required E-Text: Larson Elementary Stats 6e MyStatlab code standalone: 9780321694645 (approximately \$120 in the bookstore or approximately \$95.20 direct from Pearson online)

Calculator: A TI 83 or 84 graphing calculator is **required**. **Phone and pc apps are NOT permitted on Exams.**

Students are responsible for providing their own calculator. **Software:** Excel, Word, and Powerpoint are used in the course. MAC users are generally successful with the MAC word processing and spreadsheet software. *Students may obtain a temporary access (14 days from the first day of class) of MyStatLab by registering. They are expected to do this to meet due dates in the event that bookstore orders or financial aid is delayed.*

IMPORTANT DATES:

Course Dates: Jan 12- May 8, 2015

Last Day to Drop and Receive Refund: Friday, January 16, 2105

Last Day to Withdraw and receive a letter grade of “W”: **Wednesday, March 25, 2015** (60% point)

Financial Aid: <http://www.spcollege.edu/getfunds/>

DISCIPLINE SPECIFIC INFORMATION:

Cheating and plagiarism are not permitted and will result in disciplinary actions.

ACADEMIC HONESTY

It is your responsibility to be familiar with St. Petersburg College’s Academic Honesty policies and the consequences of violations. There is no tolerance for any form of academic dishonesty. Discipline can range from a zero on a specific assignment to expulsion from the class with a grade of “F” and the possibility of expulsion from the college. Note that copying/pasting published information without citing your sources, whether the information is from your textbook or the Internet is plagiarism and violates this policy. Even if you slightly change the words from an outside source, the ideas are someone else’s so you still have to cite your sources. Cheating, plagiarism, bribery, misrepresentation, conspiracy, and fabrication are defined in Board Rule 6Hx23-4.461. Student Affairs: Academic Honesty Guidelines, Classroom Behavior. www.spcollege.edu/webcentral/catalog/current/stu_affairs_honesty.htm

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<http://www.copyright.gov>.

ATTENDANCE POLICY: The college-wide attendance policy is included in the Syllabus Addendum

<http://www.spcollege.edu/central/asa/addendum.htm> . The policy notes that each instructor is to exercise professional judgment and define “active participation” in class (and therefore “attendance”), and publish that definition in each syllabus. **For this class, attendance is defined as completing the twice weekly Discussion Board Posts. The first post is completed between Friday and Monday night by 11:55pm. The second post is completed between Tuesday and Thursday night by 11:55pm. Specific details on what to post will be provided to you. Each post counts as one “attendance.”** Participation points are given for each post, which is part of your course grade. During weeks that projects and exams are due, your “attendance” will be completion of the project or exam. Participation points are not given for project and exam completion but an attendance mark is made in my notes that you were “present.” Missing a project or exam due date means you missed an attendance and it gets recorded as such.

Early Alert Gateway Course

It is the policy of this instructor, as mandated by St. Petersburg College, to administer an Early Alert Policy. St. Petersburg College seeks to maximize student success by utilizing Early Alerts for students whose progress is unsatisfactory so that intervention may occur to help the students be successful.

The Early Alert Policy, for this course, is as follows:

1. A student who misses more than three “attendance” marks as defined above will have their name referred to an Early Alert Advisor. Note that this “three” includes any combination of the attendance requirements.
2. A student whose overall course grade falls below a 70% (as evidenced by exam scores, homework, and quiz scores, project or participation scores) will have their name referred to an Early Alert Advisor.

Referrals will be sent each time either indicator occurs.

Students who desire NOT to be referred to Alert Advisors should proactively work with Professor Long. If you meet either criterion noted above, you should discuss with Professor Long immediately.

An instructor cannot assign a grade of “W”. The last date that a student may withdraw is **March 25, 2015**. You may withdraw yourself with a “W” on or before **March 25, 2015**. If you have not been attending class as defined above in the Attendance Policy, you will be marked as not in attendance you’re your grade will show as a “WF”. To earn an F, you must be actively participating in class, meeting all due dates, and have a grade below 60%.

GRADING: NO LATE ASSIGNMENTS

Participation (Concept Checks), 5% (drop the lowest)

Homework (MyStatLab), 15% (drop the lowest **two**)

Quizzes (MyStatLab), 20% (drop the lowest)

Two Exams, 30% each for a total of 60%

Total: 100%

Your Grades may be viewed and computed at any time using your MyStatLab Gradebook and/or the My Courses Gradebook. You may use the **Grade Estimator Spreadsheet** found in My Courses to help you **ballpark where you are in the course**. The final course grade will be determined by the total points accumulated according to the following scale:

FINAL AVERAGE FINAL GRADE

90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F

In regard to final grades, if your score is a few percentage points shy of the next highest grade...I AM UNABLE TO ROUND UP SO PLEASE DO NOT ASK. For example, if you earn an 89%, that means you were 1% short of 90%. **It is not simply a one point round up, but rather, a one percent roundup.** In our course, where there are potentially 1000 earnable points, 1% of 1000 is 10 points which represents an entire letter grade on a project or exam. It is unethical for me to round up that much and unfair to others who earned the points. I can't change an earned grade based on a student's perception. It has to be based on computation.

Borderline Grade Policy Borderline grades are 59.5-59.9%; 69.5-69.9%; 79.5-79.9%; and 85.5-89.9%. Borderline grades get rounded up at the end based on participation (attendance). If you have perfect attendance, you get the higher grade.

No Late Policy **This course follows a strict NO LATE policy!** You must plan ahead and manage your time. This includes connectivity or internet access issues on your end. Late work is not granted for issues within your control. If you have an officially documented emergency, you may submit your documentation to the Professor for *possible* consideration. **In fairness to your colleagues who submit their work on time, late work is not acceptable. This applies to homework, quizzes, projects, and Exams. If you miss the deadline, you earn 0 points.**

Concept Checks

Students will be assessed on what they have read and viewed in the lecture the Discussion Posts due on or before 11:55 pm on the due date posted in the calendar in D2L. **NO LATES, NO MAKEUPS.**

Homework

You are given ten or more days to complete your MyStatLab homework and may work each homework problem as much as you wish until the due date. The lowest **two** homework scores are dropped. **Homework is a pre-requisite for the Quizzes so you must plan ahead. NO LATES, NO MAKEUPS**

Quizzes

You are permitted two attempts at each MyStatLab quiz with the best score being counted. **The attempts including any connectivity issues you may encounter. You MUST earn a 70% or higher on the corresponding homework before you can access the quiz.** Your lowest quiz grade is dropped. You may review the quiz answers after the due date passes. **NO LATES, NO MAKEUPS**

Exams

There are two REQUIRED, ON-CAMPUS PROCTORED exams. Each exam is worth 30% of your grade so you MUST study the review materials provided so you can do well. **NO LATES, NO MAKEUPS**

All electronic work is due by 11:55 p.m. on the designated date indicated including loss of connectivity. Don't wait until the last minute! If you do and experience connectivity issues, you are still responsible for the due date.

Additional Items

MyStatLab:

This class is enriched by a software program called MyStatLab (MML), which is a multimedia interactive curriculum. Since the subject matter is supplemented by the computer software, keep in mind this is neither self-paced nor an independent study class. The instructor course ID will be provided to you on the first day of the term. **Calculator Policy:** A TI 83 or 84 graphing calculator is **required**. For this course, a TI Inspire is OK. A scientific calculator is permitted. **Phone and pc apps are NOT permitted on Exams.** Students are responsible for providing their own calculator. **Software:** Excel, Word, and Powerpoint are used in the course. MAC users are generally successful with the MAC word processing and spreadsheet software. *Students may obtain a temporary access (14 days from the first day of class) of MyStatLab by registering. They are expected to do this to meet due dates in the event that bookstore orders or financial aid is delayed.*

Tutoring:

Tutoring in math, reading, and writing is available free of charge in the Learning Support Commons. Please visit the web page at <http://www.spcollege.edu/tutoring/> for more information.

MyCourses In order to better serve our faculty and students we are asking that both the instructor and student use the logoff button when finished with the MyCourses session. By logging off, server space is freed, and therefore, optimizing the system. In addition, logging off will more accurately record students' time involved in the course.

Technical Support:

<http://www.spcollege.edu/ecampus/help/conduct.htm> Online Student, Faculty and Staff Expectations and Performance Targets

<http://www.spcollege.edu/ecampus/help/expectations.htm>

RESOURCES

Resources to Help you be Successful in the Course

D2L is the SPC learning management system. In my class I use D2L extensively for grades, attendance, email communication and announcements. You are expected monitor your D2L course mail and announcements **at least** twice per week or have it forwarded to your personal email address.

- You might want to double check to make sure that the email SPC has on record is your active email address.
- Having difficulty with D2L, this link can help you resolve any problem. <http://www.spcollege.edu/helpdesk/>
- You may also phone the SPC Student Technical Call Center at 727 341-4357 or email at Onlinehelp@spcollege.edu.

MyStatLab Support: (800)677-6337 or <http://247pearsoned.custhelp.com/> You may obtain support using the link <http://pearsonmylabandmastering.com/students/support/>

There is a searchable database, online live chat, and email for support.

Delays Due to Technology

In the unlikely event that you experience a technical delay beyond your ability to control which causes you a delay with your work as a result, **you must initiate a Help Ticket and provide this documentation to me BEFORE the due date for possible consideration for an extended due date.** Each case is investigated and evaluated on a case by

case basis <http://www.mymathlab.com/student-support>. **If you do not initiate a customer support ticket and document it for me, no consideration is given.**

SPC has HELP: The web site www.spcollege.edu/gethelp

contains a wealth of information to help you as a student.

- Free tutoring in the Learning Commons <http://www.spcollege.edu/tutoring/>
- Free tutoring in MyMathLab
- 24/7 Ask Your Professor in MyMathLab; Ebook Videos; Help Me Solve; Show Me an Example
- 24/ 7 Purple Math and Kahn Academy videos and tutorials
- Community resources
- Opportunities to get involved on campus
- Key resources (Calendar, Bookstores, Career Development, Financial Assistance, to name only a few)
- Your faculty members
- Veterans Organizations

Library: Students may access the services on the online library at this website:

<http://www.spcollege.edu/central/libonline/>

Disability Resources: <http://www.spcollege.edu/central/ossd/index.htm>

Note: All OSSD students must provide appropriate documentation if they need special arrangements for testing

Course Communication Policy

*Please allow up to 24 hours response to emails, Monday-Friday and up to 48 hours Sat-Sun. I do not respond on Sundays. If you send a question the night before a test or the night an assignment is due, it is **HIGHLY unlikely** I will receive the email before the due date passes. Plan ahead!*

Grades cannot be discussed via email or phone because of FERPA guidelines. Instead, you will have 24/7 access to your Grades and Attendance logs via MyStatLab and D2L. You must discuss grades in person.

You must earn your grade! It is not ethical for you to ask me for a grade based on anything other than course performance as measured by the assignments detailed in the preceding discussion. Grades are based on mathematical evidence rather than your perceptions, opinions or beliefs.

STUDENT SURVEY OF INSTRUCTION:

The student survey of instruction is administered in courses each semester. It is designed to improve the quality of instruction at St. Petersburg College. All student responses are confidential and anonymous and will be used solely for the purpose of performance improvement.