

Fall 2009
Term 20101

HYBRID STA2023
Elementary Statistics
Reference # 305122 Tuesday 2:00 – 3:15 Room: G-315

Instructor: Lyn Noble

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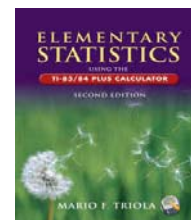
Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
9:20 – 9:50	1:20 – 1:50	9:20 – 9:50	3:30 – 5:20	9:20 – 9:50
12:30 – 12:50	3:30 – 5:20	12:30 – 12:50		
2:30 – 4:00		2:30 – 4:00		

Best Method to Contact Instructor: You are welcome to come to my office for help during the office hours listed above. You may also contact me via email or phone. If sending an email, please use your **school email account**, not your personal account. The subject line should contain the course name (STA2023).

Required Materials:

- Elementary Statistics: Using The TI83/84 with MyStatLab, 2nd ed., by Mario Triola
- Lecture Notes Packet (available in the bookstore)
- TI-83 or 84 Graphing Calculator. We will be using statistical features that are available only on the TI-83/84.



Note: MyStatLab includes the complete text online. *Rather than purchase the hardcopy of the book, you may opt to purchase online multimedia access to the package from:*

<http://www.coursecompass.com/website/students.html>

Optional Materials:

- Digital Video Tutor (video lectures on CD), ISBN-10: 0321412680. If you do not have high speed Internet this will be a more convenient way to view the video lectures.

Course Description: Prerequisite: MAC 1105 or MGF 1106 with a grade of "C" or better. This course is designed to introduce students to the fundamentals of descriptive and inferential statistics with a pronounced emphasis on inference. The major topics include methods for analyzing sets of data, probability, probability distributions, estimation, confidence intervals, hypothesis testing, simple linear regression, and correlation. The probability and statistical skills measured by CLAST are among the skills taught in this course.

How is taking hybrid Elementary Statistics different from a traditional lecture class? A hybrid course is a course in which major portions of the learning activities are web-based (online) and time spent in the classroom is reduced. The hybrid course combines the best features of in-class teaching with the best features of online learning to promote active learning and reduce class seat time. You will have the advantage of the flexibility of an online course, but still benefit from time in class with your instructor and fellow class members. In the hybrid model, you will study differently than you do in a traditional class. In this hybrid class, you will prepare for our weekly class meeting by completing all the assignments throughout the week **prior** to our meeting. You will watch a video lecture, read the text, complete online homework assignments and come to class ready to discuss the week's topics. If this were a traditional class, you would spend 3 hours per week in class, and 6 – 9 hours outside of class

studying statistics. In this class, you are in class for 1.5 hours, so you should be prepared to spend 7.5 – 10.5 hours per week outside of class studying statistics. To be successful in this hybrid class, you must be self-motivated and disciplined.

System Requirements for MyStatLab:

With WINDOWS operating systems:	You can use these browsers:
Windows 2000, Windows XP, and Windows Vista™	Internet Explorer 6.0 (XP Only) Internet Explorer 7.0 Firefox 2 Firefox 3
With MACINTOSH operating systems:	You can use these browsers:
MacOSX 10.4, MacOSX 10.5	Safari 3.1 (Recommended) Firefox 2 Firefox 3

Assessment Policies & Procedures:

Grades will be assigned and weighted in the following areas:

Online Homework: 10%

Online Chapter Quizzes (9): 15%

In class Exams (3): 60%

Participation: 15%

Your final grade can be determined using the following formula:

$$0.10(\text{Homework Average}) + 0.15(\text{Quiz Average}) + 0.60(\text{Exam Average}) + 0.15(\text{Participation Average})$$

Grading Scale: 90+ A, 80 - 89 B, 70 - 79 C, 60 - 69 D, below 60 F

Online Homework: The required homework problems for each section are listed in MyStatLab. The deadline for each homework assignment is 11:59pm on the day specified in the course calendar. You may complete an assignment over several days. Guided solutions and worked out sample problems are available for the online homework. The majority of online homework exercises are free response. Instructions on how to input mathematical notation is provided in the Getting Started with MyStatLab handout. In addition to the online homework, you should work the recommended textbook exercises. Answers to the odd numbered text exercises are found at the back of the textbook. These problems will let you know if you are ready for a quiz or exam. If you only work the online homework exercises using the guided solutions you will **not** be ready for a quiz or exam.

Online Quizzes: There are 9 online quizzes (typically covering a chapter). You will have 75 minutes to complete an online quiz and each online quiz must be completed by 11:59pm on the day specified in the course calendar. You have three attempts at each quiz - the best attempt will be averaged into your final grade. Once you start a quiz, you must finish it; it counts as one of your attempts. Do not wait until the last minute to take an online.

Late assignments Policy: I know Life Happens! You may request an extension to any homework or quiz deadline once during the term. You will have two additional days to complete those assignments.

Exams: There are 3 in class exams. These **pencil and paper exams** will contain both free-response and multiple-choice questions. You will be provided a formula sheet and any necessary statistical tables. You are expected to be present for all exams. If an emergency arises and you are unable to take an exam, you must notify me **prior** to the exam and make arrangements to take a make-up **before** the next scheduled class meeting. Only one excused make-up exam will be allowed. For any other missed exams you will receive a “0”.

Participation: You will receive a **weekly** participation grade (ending at 2pm on Tuesdays). There are 3 components to this grade:

- **Online video lectures (10% of the participation grade):** The lecture notes packet is available in the bookstore. Notes must be taken on the videos to receive credit for completion. Notes should include any missing definitions, formulas, and the worked out examples given in the videos. Notes are due at the beginning of each problem solving session.
- **Discussion Board (40% of the participation grade):** Each week, students will be expected to actively participate in online discussions. You should plan to log on to the discussion forum at least 3 times during the week, and post each of those times. At a minimum, students are expected to post 4 questions/comments each week. You may post in either the homework help forums or in your group forum.
- **In Class Group Assignment (50% of the participation grade):** During each problem solving session, students will work in groups to complete a written assignment over that week's material. Written assignments will include problems that require you to apply and integrate knowledge learned in the videos, class, and the homework. **Written assignment problems are not intended to mimic exact homework problems and may be "harder" than homework problems.** Written assignments will be turned in at the end of each class meeting. At the discretion of the instructor, you will turn in one assignment for the group or an assignment for each group member. Make-ups will not be allowed for group assignments. If a group assignment is missed, the grade of zero will be assigned.

Automatic Drop, FN, and I grade Policy:

Automatic Drop: Students must complete MyStatLab registration and submit the Course Contract and Student Information Form to your instructor by the end of the first week of class to avoid being dropped from the course. Students who fail to do so will be dropped from the course. If these students wish to join the class after they have been dropped they must reregister, if they can obtain the professor's permission.

FN grade: If you miss more than 15% of the scheduled classes (3 classes) and you fail the course, you will receive an FN (Failure for non-attendance) grade. For students receiving financial aid, failure for non-attendance may require the student to refund to the College all or part of his or her aid. The faculty member, at anytime following the final withdrawal date for the course, may assign the FN grade.

I grade: A student may request an Incomplete grade (I) if they have completed at least 75% of the course with an overall course grade of at least a C average, and have a valid reason.

Warning: Students will have a maximum of 3 attempts per course. If the first two attempts are unsuccessful (D, F, FN, W, Audit) you will be charged out-of-state tuition (four times the cost of in-state tuition) for the third attempt. Only drops during the first week of the semester do not count as attempts (*Florida House Bill 1545*).

Student Academic Dishonesty Procedure: Students found cheating on quizzes or exams will receive an F in the course and procedures for expulsion from the college will be followed. Cheating includes (among other things) copying another individual's work (or allowing someone to copy your work), using cheat sheets (or programmed information) on an online quiz or exam, or allowing another individual to take an online quiz or exam for you. For the full policy see the College Catalog.

Other Policies:

1. Cell phone etiquette must be observed: In-class usage is restricted to emergency situations. Inform the instructor before class of any extenuating circumstances. Cell phones are not allowed during exams, not even as a calculator. Electronic devices, such as iPods, Blackberries, etc. are **not** permitted to be used or worn in class.
2. It is college policy that children under 16 are not allowed in the classrooms.

Netiquette (Internet etiquette)

Please follow the following general rules when posting in the discussion forum and when e-mailing each other and me.

1. Do not use offensive language or post insulting or abusive messages.
2. Do not use all capital letters unless you intend for us to “hear” you SHOUTING!
3. Be forgiving of other's mistakes. We all make them, and your colleagues are beginners, just like you. I will post any corrections needed if someone makes a statistics mistake.
4. Be respectful of other's opinions posted - mine and the other students.
5. Always complete the subject heading of your e-mail. I never open e-mails that don't have the subject identified.

LEARNING CENTER (LAC) G-200: Free tutoring is available.

Monday – Thursday: 7:30AM – 8:00PM

Friday: 7:30AM – 3:00PM

Saturday: 9:00AM – 3:00PM

STA 2023 Course Schedule

Prior to our first class:

- Purchase your text and course resources including MyStatLab.
- Register in MyStatLab (see Getting Started in MyStatLab handout).
- Complete Course Contract and Student Information Form (submit in class on 9/1/09)

Week	What to do
1: 9/1 – 9/7	Class 9/1: Introduction and overview of the course. 1.2 – 1.4: watch videos; complete study notes; complete online homework 1.5: read section in textbook
2: 9/8 – 9/14	Class 9/8: Group Assignment on chapter 1 2.2 – 2.4: watch videos; complete study notes; complete online homework
3: 9/15 – 9/21	Class 9/15: Group Assignment on chapter 2; introduce 3.2, 3.3 3.2 – 3.5: watch videos; complete study notes; complete online homework
4: 9/22 – 9/28	Class 9/22: Group Assignment on sections 3.2 – 3.5 4.2 – 4.4: watch videos; complete study notes; complete online homework
5: 9/29 – 10/5	Class 9/29: Group Assignment on sections 4.2 – 4.4; introduce 4.5, 4.7 4.5, 4.7: watch videos; complete study notes; complete online homework
6: 10/6 – 10/12	Class 10/6: Exam #1 (ch 1 – 4) 5.2 – 5.4: watch videos; complete study notes; complete online homework
7: 10/13 – 10/19	Class 10/13: Group Assignment on sections 5.2 – 5.4; introduce 6.2 6.2 – 6.3: watch videos; complete study notes; complete online homework
8: 10/20 – 10/26	Class 10/20: Group Assignment on sections 6.2 – 6.3; introduce 6.4 – 6.5 6.4 – 6.5: watch videos; complete study notes; complete online homework
9: 10/27 – 11/2	Class 10/27: Group Assignment on chapter 6; introduce 7.2 7.2, 7.3: watch videos; complete study notes; complete online homework
10: 11/3 – 11/9	Class 11/3: Group Assignment on sections 7.2 – 7.3 Withdrawal Deadline: 11/9 7.4: watch videos; complete study notes; complete online homework
11: 11/10 – 11/16	Class 11/10: Exam #2 (ch 5 – 7) 8.2: watch videos; complete study notes; complete online homework
12: 11/17 – 11/23	Class 11/17: Group Assignment on section 8.2; introduce 8.3 8.3 – 8.4: watch videos; complete study notes; complete online homework
13: 11/24 – 11/30	Class 11/24: Group Assignment on sections 8.3 – 8.4 8.5, 9.2: watch videos; complete study notes; complete online homework
14: 12/1 – 12/7	Class 12/1: Group Assignment on sections 8.5, 9.2; introduce chapter 10 10.2 – 10.3: complete study notes; complete online homework
15: 12/8 – 12/14	Class 12/8: Group Assignment on sections 10.2 – 10.3; introduce 11.2 11.2: watch video; complete study notes; complete online homework
12/15	Exam #3 (ch 8 – 11)

STA 2023 Hybrid
Course Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30-Aug	31-Aug	1-Sep	2-Sep	3-Sep	4-Sep	5-Sep
					HW Sec 1.2	
6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep
HW 1.3 HW 1.4	Labor Day Holiday	Quiz Ch 1 Drop Deadline			HW 2.2 HW 2.3	
13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep
HW 2.4		Quiz Ch 2			HW 3.2 HW 3.3	
20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep
HW 3.4 HW 3.5		Quiz Ch 3			HW 4.2	
27-Sep	28-Sep	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct
HW 4.3		HW 4.4			HW 4.5	
4-Oct	5-Oct	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct
HW 4.7	Quiz Ch 4	Exam #1 Ch 1 - 4			HW 5.2	
11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct
HW 5.3 HW 5.4		Quiz Ch 5			HW 6.2	
18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct
HW 6.3					HW 6.4	

*Homework and Quizzes are due at 11:59pm

STA 2023 Hybrid
Course Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25-Oct	26-Oct	27-Oct	28-Oct	29-Oct	30-Oct	31-Oct
HW 6.5		Quiz Ch 6			HW 7.2	
1-Nov	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	7-Nov
HW 7.3					HW 7.4	
8-Nov	9-Nov	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov
	Quiz Ch 7 Withdrawal Deadline	Exam #2 Ch 5 - 7	Veteran's Day Holiday			
15-Nov	16-Nov	17-Nov	18-Nov	19-Nov	20-Nov	21-Nov
HW 8.2					HW 8.3	
22-Nov	23-Nov	24-Nov	25-Nov	26-Nov	27-Nov	28-Nov
HW 8.4				Thanksgiving Holiday	Thanksgiving Holiday	
29-Nov	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	5-Dec
	HW 8.5 HW 9.2	Quiz Ch 8			HW 10.2	
6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec
HW 10.3		Quiz Ch 9, 10			HW 11.2	
13-Dec	14-Dec	15-Dec	16-Dec	17-Dec	18-Dec	19-Dec
		Exam #3 Ch 8 - 11				

*Homework and Quizzes are due at 11:59pm

Recommended Textbook Problems

Section	Problems
1.2	7, 11, 13, 17, 21
1.3	3, 5, 9, 11, 13, 21, 23, 25
1.4	7, 9, 13, 15, 17, 19, 25, 27
2.2	5, 9, 13, 15, 19, 21
2.3	5, 9, 11, 14
2.4	5, 7, 9, 12, 13, 14, 16, 17, 20
3.2	7, 9, 12, 13, 17, 25, 27
3.3	5, 9, 11, 13, 17, 25, 27, 31, 33
3.4	5, 7, 9, 13, 15, 19, 21
3.5	3, 5, 7, 9, 11
4.2	7, 9, 11, 13, 15, 23, 25
4.3	5, 7, 9, 13, 15, 17, 23
4.4	5, 8, 11, 13, 15, 17
4.5	5, 7, 11, 13, 15, 21
4.7	5, 9, 11, 13, 17, 19, 21, 22, 27, 30, 32
5.2	5, 7, 9, 11, 13, 19, 21
5.3	5, 7, 9, 13, 15, 17, 21, 25, 27, 29, 31, 33
5.4	1, 5, 7, 9, 11, 15, 17
6.2	5, 11, 15, 19, 23, 25, 33, 35, 37, 39
6.3	5, 7, 9, 13, 15, 17, 21
6.4	7, 9
6.5	5, 7, 9, 13, 17
7.2	7, 9, 13, 17, 19, 21, 25, 27, 29, 31, 33, 37, 41, 45
7.3	5, 9, 11, 13, 17, 21, 26, 27, 33, 35
7.4	5, 7, 11, 13, 15, 17, 21, 25, 27
8.2	5, 9, 11, 17, 19, 23, 25, 27, 29, 31, 35, 37, 41
8.3	5, 7, 9, 11, 13, 16, 20, 25
8.4	5, 9, 11, 13
8.5	5, 9, 11, 13, 17, 19, 23, 24, 27
9.2	5, 9, 11, 17, 25
10.2	4, 5, 9, 11, 13, 15, 19, 21, 27, 29, 33
10.3	8, 9, 13, 17, 19, 21, 25, 29
11.2	5, 9, 12, 13, 15, 19, 21

COURSE CONTRACT

Course: STA 2023

Reference Number: 305122

I, _____, have read and understand the syllabus and course policies.

I understand that the hybrid course will cover the same curriculum as any other format for STA2023.

I understand that the hybrid course format will require weekly preparation prior to each weekly meeting. I understand that the weekly class meeting will comprise of group activities, question forum, and exam taking.

I understand that it is my responsibility to complete all assignments, quizzes and testing according to the syllabus and that my grade will suffer should my homework, quizzes, and exams not be completed by the due dates given by my instructor.

I understand that I will be working online in MyStatLab for most of the course requirements. I understand that it is my responsibility to have access to a computer and the Internet. Homework/quiz due dates will not be changed due to hardware, software, technical or web difficulties.

I understand the Florida State College at Jacksonville Honor Code (see below). I promise that all work performed and submitted in this class will be my own. I understand that should any quiz or exam performed in this class be determined not to be of my own work that I will be subject to disciplinary measures as stated in the syllabus, as outlined in the college honor code, and according to college policy.

I understand that I am not permitted to use any notes, books or formulas on quizzes or exams unless provided by my instructor.

I understand that during testing my instructor may change seating, rearrange desks, and other appropriate procedures to ensure testing security.

Signature _____ Date _____
(Required)

PLEASE NOTE: You will not officially be considered part of this class until I receive this form.

* **HONOR CODE:** [<http://catalog.fscj.edu/content.php?catoid=1&navoid=94>]

Academic dishonesty is considered a serious offense and is expressly prohibited. THIS POLICY INCLUDES ALL COURSE ASSESSMENTS, RELATED ASSIGNMENTS AND ALL STANDARDIZED EXAMS (e.g. CPT, CLAST, CAT). Such dishonesty includes:

- cheating, which is defined as the giving or taking of any information or material with the intent of wrongfully aiding oneself or another in academic work considered in the determination of a course grade or the outcome of a standardized assessment,
- plagiarism, which is defined as the act of stealing or passing off as one's own work the words, ideas or conclusions of another as if the work submitted were the product of one's own thinking rather than an idea or product derived from another source, or
- any other form of inappropriate behavior which may include but is not limited to falsifying records or data, lying, unauthorized copying, tampering, abusing or otherwise unethically using computer or other stored information, and any other act or misconduct which may reasonably be deemed to be a part of this heading.

Any student alleged to have committed any act of academic dishonesty as defined herein, shall be entitled to due process as defined in District Board of Trustees Rule 6Hx7-2.18, prior to the administration of disciplinary action including suspension and dismissal.

STUDENT INFORMATION:

Name_____

Current Mailing Address with zip code_____

Personal Email Address: _____

Current Telephone Number (list only numbers at which you may be contacted):

(home)_____ (work)_____ (cell)_____

Last Math Course Taken_____ Date_____ Where?_____

My Major or Program of Study:_____

My Favorite Pastime:_____

I am taking this course in hybrid form because:

I would like my professor to know the following about me:_____
