Lamar University

Department of Mathematics

MATH 1342-49F Elementary Statistics (3 hour course) Fall 2017 Syllabus – Updated, Post Harvey Hurricane Online, Blackboard & Pearson MyStatLab Online Software

Instructor:	Wendi Malley
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Email:	wsmalley@lamar.edu
Office Hours:	Online Chat Sessions 4:00 – 4:45 Mon & Wed, via Pearson email or Lamar Email
Text (optional):	Statistics Informed Decisions Using Data (5 th Ed.) by Michael Sullivan, III Note: book is provided electronically via the software. You DO NOT have to purchase a hard copy.
Course Materials:	MyStatLab (MSL) Access Code & Course ID – see an additionally attached file for steps on how to register. MSL Course ID: malley87585
	Scientific Calculator – You are required to know how to use your own calculator. Reliable internet access .
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Prerequisites: 350 TSI, TSI Exempt, or TSI Complete

Catalog

Description:

Non-calculus based introduction to statistics, statistical measures of data, statistical description of data, elementary probability, random variables, binomial and normal distributions, estimation, testing hypotheses. Prepares for: MATH 3370 Offered: Fall, Spring, Summer

MATH 1342 Learning Outcomes: Upon completion of the course, students will:

- 1. Develop quantitative skills necessary for analyzing and summarizing data.
- 2. Gain a working knowledge of descriptive statistical methods and their applications.
- 3. Understand probability and probability distributions, particularly the normal distribution.
- 4. Distinguish between descriptive and inferential statistics and understand the concept of hypothesis testing.
- 5. Define statistics, discuss data types, contrast qualitative and quantitative data, and examine common applications of data analytical methods using real-world examples and data.
- 6. Develop procedures for listing and grouping quantitative data, both in tabular and graphical format.
- 7. Present basic descriptive statistical measures of location (mean, median, mode) and variability (range, variance, standard deviation).
- 8. Introduce the concept of probability and probability distributions, including the binomial and normal distributions.
- 9. Illustrate the concept of random samples and sampling distributions (of the mean) as a transition from descriptive to inferential statistics.
- 10. Distinguish between a sample and a population.
- 11. Calculate point and (confidence) interval estimates for a population mean using a large sample.
- 12. Present methods for hypothesis testing of a population mean using a large sample.
- 13. Present methods for hypothesis testing of differences between two population means.
- 14. Present methods for analyzing data from normal populations.
- 15. Describe (via calculation and graphs) statistical relationships between two variables.

Lectures/Discussions:

All basic instruction will be self directed utilizing the software "MyStatLab". This tool follows the *Statistics: Informed Decisions Using Data* textbook. The MyStataLab system uses a mastery-based approach to student learning which consists of three learning modules: Instruct, Practice and Master. You must master each section assigned to complete a section. It is up to you to complete the Practice area. The full list of mastery homework assignments can be found at the end of the syllabus. In addition to achieving mastery at each section assigned, you will be required to periodically complete section quizzes and exams. The quizzes and exams are different than of the mastery process. For quizzes, 120 minutes to answer 8 to 15 questions. For Exams, you will have 240 minutes to answer 20-50 questions. The full list of all quizzes and exams along with due dates can be found at the end of the syllabus.

You will also have access to view instructional videos and other multimedia tools that will help assist you in this online learning environment. You will also be able to access a direct link for this content within the MSL console.

MSL will be setup with Discussion Groups per section to assist in student and teacher collaboration. These discussion boards are required for posting responses to Student Activity Workbook assignments. The instructor will mediate the discussions; however, students are encouraged to assist each other. The discussion boards are also a great way to start up study groups in your local area.

<u>Core Curriculum Outcomes</u>: Upon completion of this course, the student will demonstrate his or her abilities to think critically, communicate quantitative information, and apply mathematical concepts:

- 1. <u>Critical Thinking</u>: Develop a logical, consistent plan to solve a problem, recognize consequences of the solution, and articulate a reason for choosing solution method.
- 2. <u>Communication Skills</u>: Use and present quantitative information in connection with an argument or problem solution and explicate it in an effective format.
- 3. <u>Empirical and Quantitative</u>: Construct and present a detailed problem statement with evidence of relevant contextual factors and possible approaches for solving the problem, then implement a solution and review the results.

Grading Policy:

Grades can be accessed in MSL throughout the semester. If you want to know your current grade, you will need to calculate it yourself. All the resources are at your fingertips. Any dropped grades will be processed at the END of the semester.

Grading: Final grades are calculated based on a Category and Assignment Weighting. Weight categories are relative to one another, then weight assignments within each category.

Group	Category Weight	Assignment Weight	Assignment Drops / Comments
Study Plan	10%		None
Homework	30%	10pts	Lowest <u>two</u> grades will be <u>dropped</u>
Quizzes	30%	20pts	Lowest <u>two</u> grades will be <u>dropped</u>
Exams	30%	40pts	Lowest <u>one</u> exam grade will be <u>dropped</u> *
SAW	BONUS	BONUS	Student Activity Workbook Assignments will be bonus points available for you to complete for each exam.

*You can choose to skip the final ONLY if you have <u>**completed the previous 4 exams**</u> and if you are happy with your previous 4 exam grades. I.e. you <u>must</u> complete Exams I – IV if you want to opt out of taking the final exam. Otherwise you must take the Final Exam.

**** The system <u>will not calculate</u> your overall <u>final grade</u> until <u>I</u> process the dropped grades which will be **AFTER** the **date has passed** for the <u>Final Exam</u>. If you want to know what your final grade is with your completed exams 1 – 4, **calculate it yourself**. The weights are provided above. **** Again, the **Final Exam** is **ONLY OPTIONAL** if you have <u>completed</u> Exams 1, 2, 3 & 4 and you are <u>HAPPY</u> with the grades on those exams.

Grading Scale (no, I do not curve!):

$\Lambda \cdot 00 = 100$	
A.90 = 100	A grade of " <mark>Incomplete</mark> " may be recorded in the case of a
B: 80 – 89	medical emergency documented prior to the final exam and if
C: 70 – 79	the student is passing at the time. Such a request must be in
D: 60 – 69	writing and include a plan for completion of the course No
F: 0 – 59	"Incomplete" will be authorized after the final exam.
I: see notes	incomplete win be undiorized after the infar examp

Exam Schedule (see full class schedule at bottom of syllabus): All due by midnight on their due date. Exam I (Ch1,2) – Available Monday, Sep 11th, DUE: Friday, Sep 15th @ midnight Exam II (Ch3,4) – Available Monday, Oct 2nd, DUE: Friday, Oct 6th @ midnight Exam III (Ch6,7) – Available Monday, Oct 30th, DUE: Friday, Nov 3rd @ midnight Exam IV (Ch8,9,10) – Available Monday, Nov 27th, DUE: Friday, Dec 1st @ midnight Final Exam – Available Monday, Dec 4th, DUE: Friday, Dec 8th @ midnight

Important Academic Dates:

Sep 4th, Monday – Labor Day Holiday, No Classes

Sep 13th, Wednesday – Last day to drop (before 5pm) <u>without</u> needing approval from instructor & receive full refund

Sep 29th, Friday – Last day to drop <u>without</u> academic penalty, by 5pm Nov 3rd, Friday – Last day to drop <u>with</u> academic penalty , by 5pm Nov 23rd – 24th , Thursday – Friday, Thanksgiving Day Holiday, No Classes Dec 5th, Finals begin at 5pm

Full Academic Calendar can be accessed here: <u>http://events.lamar.edu/academic-calendar-listing.html</u>

Drop Policy: Please make note of the three dates indicated in this drop policy. Any drop will be **your responsibility**; I will not drop a student from the course.

- **September 13, 2017:** (Census Date-Six Drop Rule does not apply) A student may drop or withdraw without consulting with the instructor. The Six Drop Rule does not apply to a drop before 5:00 PM.
- **September 29, 2017:** (Six Drop Rule applies) A student may drop or withdraw from the course without academic penalty and receive a Q, however, the Six Drop Rule applies. The student will consult with the instructor and the Records Office to initiate a drop.
- **November 3**, **2017**: (Six Drop Rule applies) Last day to drop or withdraw with academic penalty; the student must be passing the course at the time of the requested drop in order to receive a Q. The drop form, including all required signatures, must arrive in the Records Office by no later than 4:00 PM. No drop is allowed after this date except in extreme extenuating circumstances. Any "late drop" must be approved by the instructor, department chair, college dean, and provost.

Book & Software:



Statistics: Informed Decisions Using Data, 5e FIFTH EDITION Author(s): Sullivan III, Michael **Bundled with** *MyStatLab*: MyStatLab Textbook ISBN-13: 9780134133539

Alternative:

An E-book will be accessible via the MyStatLab (MSL) console and is included with the purchase of your access code.

Please note that you *DO NOT* **have to purchase a physical printed copy of the book.** You will have direct access to an eText via the online system MyStatLab.

Overall Structure of the Course:

Note: SAW = Student Activity Workbook, and there is one due prior to each exam. SAW are BONUS.



There are 4 Exams. 1 Final Exam (optional, should you complete the 4 exams). The Final Exam is your drop if you choose it to be your dropped exam grade. I.e. There are 5 total exam grades in this course. I will drop 1 exam grade. If you want it to be your final exam. You can let it be your final exam.

Homework:

Homework is required so that you get a better understanding of the material covered, plus it will help you to keep up. All homework is posted at the beginning of the semester and dues dates for each section are posted. You will have until the day prior to each exam to complete all assignments covering sections within the exam starting with Chapter 3. Chapter 1 - 2 material/assignments have aggressive due dates to encourage students to get up and running on the MSL software (please see the detailed calendar below). However, there is a posted pacing calendar below that is a suggestion for you to follow so you do not fall behind. Each homework assignment is based on a completion grade and you must meet minimum mastery to meet the completion grade requirement.

> LATE HOMEWORK (*aka Certify*) <u>WILL</u> BE ACCEPTED BUT IS ACCEPTED AT A <u>DISCOUNTED</u> GRADE (**10% Penalty**)! To compensate for excused absences / missed due dates / or just low grades, **TWO** homework assignments will be dropped from your grade at the end of the semester. You should only use these for valid absences and not waste them. Plan accordingly!

Study Plan (Mastery; aka "Quiz-Me"):

The Study Plan is also required to guide you in the learning process online. Within each section, there are "Quiz Me" assignments that will need to be completed so that you can achieve mastery. When you achieve mastery you will receive a Master Point for each assignment completed. These Mastery Points apply to your Study Plan portion of your grade. You can locate the "Quiz Me" assignments under the left-hand navigation menu, click on "Study Plan". You can practice first, but you will only get credit for the quiz me.

Quizzes: There will be a 8 to 15-question quiz similar to the homework for each chapter. This is to give credit to the students who work on the homework, so be sure you understand all of the problems. You have unlimited opportunities to retake the quizzes if you are unhappy with your score during the time allotted (120 minutes) for the quiz. The system will record the highest score achieved no matter when it was taken (first last or middle, 5th out 9th time taken etc...). If you miss more than 1 quiz and have a university excuse* for all of them, please contact me. To compensate for excused absences / missed due dates / or just low grades, **TWO** quizzes will be dropped from your grade at the end of the semester. You should only use these for valid absences and not waste them. Plan accordingly!

Exams: There will be a 20-50 question exam similar to the quizzes covering all the chapters for that section. This is to give credit to the students who work on the homework, complete the Quiz-Me/Mastery sections and complete the quizzes, so be sure you understand all of the problems. You have unlimited opportunities to retake the exams if you are unhappy with your score during the time allotted (240 minutes) for the exam. The system will record the highest score achieved no matter when it was taken (first last or middle, 5th out 9th time taken etc...). The final exam is optional if you are satisfied with your grade at the close of the semester. Otherwise, the final (which is comprehensive) can be used to replace a missing exam or a low exam grade.

Student Activity Workbook (SAW): The SAW assignments will be posted in the Discussions area of the course. You can download the individual assignment. Complete the question and email me your response to <u>wsmalley@lamar.edu</u> or

use the email in MyStatLab. You will not get credit for late submissions. Your email along with your attached, completed assignment will need to be in my inbox by the sure date. You can scan it, take a photo with your phone, or whatever is easiest for you. Just ensure that your name is on it.

Class Attendance: It is essential that you login to Blackboard and MyStatLab often to participate in discussions and review any posted changes/edits to the class schedule for due dates. It is the student's responsibility to login and review any changes posted to the class board.

Computer Requirements: Students who take distance courses will need to be responsible to have the following capabilities and Software:

- Access to MyStatLab
- Access to Lamar Online Course system Blackboard <u>http://luonline.blackboard.com</u> (can be accessed via <u>http://luconnect.lamar.edu</u>)
- High Speed (Broadband) Internet access is desirable
- Computer with at least 250 MB memory
- Word Processor software (compatible with Microsoft Word)
- Adobe Acrobat Reader (<u>http://www.adobe.com</u>)

Centers for Distance Education will help give you advice about what you need to consider for good quality computer hardware and software. Please call them at **409-880-7849**.

Be sure to view the Blackboard overview and the MyStatLab "Tools for Success" to ensure a successful semester.

Online Tech Support:

Blackboard Support –

• There is 24 Hour access for help through voicemail and the following Distance Education Number **409**-**880-7849**. There are also posted online self-help resources online.

Pearson MyStatLab Support -

- Please visit <u>http://www.pearsonmylabandmastering.com/northamerica/students/support/index.html</u> for online technical support. There is self help resources that can be found online.
- Live Web Chat available online 24 hours a day, 7 days a week
 - Follow instructions, if you can't find any online support articles to answer your query you will be provided with a way to online chat or call someone.

Academic Code of Conduct:

Lamar University expressly prohibits intimidation and harassment of students, faculty, staff, or applicants. <u>http://students.lamar.edu/academic-support/code-of-conduct.html</u>

Academic Dishonesty:

http://students.lamar.edu/academic-support/academic-policies.html

Section 23.1:

"Academic dishonesty, which includes but is not limited to cheating on an examination or other academic work to be submitted, plagiarism, collusion, or abuse of resource materials, is subject to disciplinary action."

"Students found responsible for an act or acts of academic dishonesty may be subject to either academic sanctions or disciplinary sanction. (See Student Code of Conduct). Academic sanctions may include one or more of the following: performance of additional work, withdrawal from the course with a grade of "F" and/or a reduction of a grade in the course."

"Cheating" includes:

- 1. Copying from another student's paper, report, computer files, data listings, and/or programs.
- 2. Using (during an exam), materials not authorized by the faculty giving the exam.
- 3. Collaborating, without authorization, with any person during an examination or in preparing academic work.
- 4. Knowingly, and without authorization, using, buying, selling, stealing, transporting, soliciting, copying, or possessing in whole or part, the contents of an unadministered test. Substituting for another student; permitting any other person; or otherwise assisting any other person to substitute for oneself or for another student in the taking of an examination or the preparation of academic work to be submitted for academic credit.
- 5. Bribing another person to obtain an unadministered exam or for information about an unadministered exam.
- 6. Purchasing, or otherwise acquiring and submitting as one's own work any research paper or other writing assignment prepared by an individual or firm. This section does not apply to the typing of the rough draft and/or final versions of an assignment by a professional typist.

Academic Integrity:

Students are expected to maintain complete honesty and integrity in their academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. Students are specifically warned against all forms of cheating and plagiarism. The *Lamar University Student Handbook* clearly reads: "Any student found guilty of academic dishonesty in any phase of academic work will be subjected to disciplinary action. Punishable offenses include, but are not limited to, cheating on an examination or academic work which is to be submitted, plagiarism, collusion, and the abuse of source materials." One aspect of the *Handbook*'s definition of cheating includes "purchasing or otherwise acquiring and submitting as one's own work any research paper or other writing assignment prepared by an individual or firm." Plagiarism is defined as "the appropriation and the unacknowledged incorporation of another's work or ideas into one's own and submitted for credit." Faculty members in the College of arts and Sciences investigate all cases of suspected plagiarism. Any student who is found cheating in this course will receive a course grade of F. http://students.lamar.edu/student-handbook.html

Excused Absences:

http://students.lamar.edu/academic-support/university-policies.html

"Students may request the student affairs office to notify faculty members prior to or during an extended absence because of injury or illness. This notification does not constitute an excused absence from class. It does inform instructors why a student is absent."

"Students planning to be absent because of university-sponsored activities should present a properly completed excused absence form to their instructors prior to the absence."

Accommodations:

Lamar University is committed to providing equitable access to learning opportunities for all students. The Disability Resource Center (DRC) is located in the Communications building room 105. Office staff collaborate with students who have disabilities to provide and/or arrange reasonable accommodations. If you have, or think you may have, a disability (e.g., mental health, attentional, learning, chronic health, sensory, or physical), please contact the DRC at <u>409-880-8347</u> or <u>drc@lamar.edu</u> to arrange a confidential appointment with the Director of the DRC to explore possible options regarding equitable access and reasonable accommodations. If you are registered with DRC and have a current letter requesting reasonable accommodations, we encourage you to contact your instructor early in the semester to review how the accommodations will be applied in the course.

Campus Closure:

In the event of an announced campus closure in excess of four days due to a

hurricane or other disaster, students are expected to login to Lamar University's website's homepage for instructions about continuing courses remotely. <u>http://lamar.edu</u>

Emergency Procedures:

Many types of emergencies can occur on campus; instructions for severe weather or violence/active shooter, fire, or chemical release can be found at:

<u>http://www.lamar.edu/about-lu/administration/risk-management/index.html</u>. Following are procedures for the first two:

Severe Weather:

- Follow the directions of the instructor or emergency personnel.
- Seek shelter in an interior room or hallway on the lowest floor, putting as many walls as possible between you and the outside.
- If you are in a multi-story building, and you cannot get to the lowest floor, pick a hallway in the center of the building.
- Stay in the center of the room, away from exterior walls, windows, and doors.

Violence/Active Shooter (CADD):

- **CALL** 8-3-1-1 from a campus phone (880-8311 from a cell phone). Note: Calling 9-1-1 from either a campus phone or cell phone will contact Beaumont City Police Dispatch rather than University Police.
- **AVOID-** If possible, self-evacuate to a safe area outside the building. Follow directions of police officers.
- **DENY-** Barricade the door with desks, chairs, bookcases or any other items. Move to a place inside the room where you are not visible. Turn off the lights and remain quiet. Remain there until told by police it is safe.
- **DEFEND-** Use chairs, desks, cell phones or whatever is immediately available to distract and/or defend yourself and others from attack.

Course Evaluations:

You will have an opportunity to evaluate all aspects of this course in a formal process to be completed online near the end of the term. You will receive an email reminder through your LU account.

Errors & Omissions:

While I have made a sincere effort to ensure that this syllabus is correct, changes may be required. I will announce any substantive changes in a Blackboard announcement. If you find an error or omission, please advise me at once so that the other members of the class may be advised.

Due Date = The cutoff date that the assignment <u>must be submitted</u>. Late submissions will be accepted for homework (aka Mastery, but there will be a 10% penalty for late submittals). Late submissions for Quizzes and Exams will only be accepted based on circumstances and must be approved by instructor. Quizzes are locked out past their due date. You must notify instructor and ask that that a quiz or exam be re-opened to take it late.

Please Note: Due Dates have been adjusted due to Harvey:

						Max. Time
Section	Section Name	Assignment Name	Open Date	Due Date	PREREQUISITES	Limit
		Getting Acquainted				
0.0	Orientation for Students	Homework	8/28/17	9/8/17		
1.1	Introduction to the Practice of Statistics	Section 1.1 Homework	8/28/17	9/13/17		
	Observational Studies versus Designed					
1.2	Experiments	Section 1.2 Homework	8/28/17	9/13/17		
1.3	Simple Random Sampling	Section 1.3 Homework	8/28/17	9/15/17		
Ch. 1 Quiz	QUIZ - Chapter 1	Chapter 1 Quiz	8/28/17	9/15/17	HW: 1.1, 1.2, 1.3	120 minutes
2.1	Organizing Qualitative Data	Section 2.1 Homework	8/28/17	9/21/17		
	Organizing Qualitative Data: The Popular					
2.1	Displays	Section 2.2 Homework	8/28/17	9/21/17		
2.3	Additional Displays of Quantitative Data	Section 2.3 Homework	8/28/17	9/21/17		
Ch. 2 Quiz	QUIZ - Chapter 2	Chapter 2 Quiz	8/28/17	9/21/17	HW: 2.1, 2.2, & 2.3	120 minutes
Ch. 1 & 2 Test	TEST - Chapter 1 & 2	Chapter 1 & 2 Test	9/11/17	9/22/17	QZ: Ch1 & Ch2	240 minutes
3.1	Measures of Central Tendency	Section 3.1 Homework	9/18/17	10/13/17		
3.2	, Measures of Dispersion	Section 3.2 Homework	9/18/17	10/13/17		
	Measures of Central Tendency and					
3.3	Dispersion from Grouped Data	Section 3.3 Homework	9/18/17	10/13/17		
3.4	Measures of Position and Outliers	Section 3.4 Homework	9/18/17	10/13/17	removed, DO NOT COMPLETE	-
3.5	The Five Number Summary and Boxplots	Section 3.5 Homework	9/18/17	10/13/17	removed, DO NOT COMPLETE	-
Ch. 3 Quiz	QUIZ - Chapter 3	Chapter 3 Quiz	9/18/17	10/13/17	HW: 3.1, 3.2, 3.3 , 3.4, & 3.5	120 minutes
4.1	Scatter Diagrams and Correlation	Section 4.1 Homework	9/18/17	10/13/17		_
4.2	Least-Squares Regression	Section 4.2 Homework	9/18/17	10/13/17		
	Diagnostics on the Least-Squares		-, -,	-, -,		
4.3	Regression Line	Section 4.3 Homework	9/18/17	10/10/17		
4.4	Contingency Tables and Association	Section 4.4 Homework	9/18/17	10/13/17	removed. DO NOT COMPLETE	
Ch. 4 Quiz	QUIZ - Chapter 4	Chapter 4 Quiz	9/18/17	10/13/17	HW: 4.1, 4.2, 4.3 & 4.4	120 minutes
	Student Activity Workbook - Chapter 3:	SAW: Discussion - EXTRA				
	Understanding Measures of Center	CREDIT	10/2/17	10/13/17		
Ch. 3 & 4 Test	TEST - Chapter 3 & 4	Chapter 3 & 4 Test	10/2/17	10/13/17	QZ: Ch3 & Ch4	240 minutes

			-			Max. Time
Section	Section Name	Assignment Name	Open Date	Due Date	PREREQUISITES	Limit
6.1	Discrete Random Variables	Section 6.1 Homework	10/9/17	11/2/17		
6.2	The Binomial Probability Distribution	Section 6.2 Homework	10/9/17	11/2/17		
Ch. 6 Quiz	QUIZ - Chapter 6	Chapter 6 Quiz	10/9/17	11/2/17	HW: 6.1 & 6.2	120 minutes
7.1	Properties of the Normal Distribution	Section 7.1 Homework	10/9/17	11/2/17		
7.2	Applications of the Normal Distribution	Section 7.2 Homework	10/9/17	11/2/17		
7.3	Assessing Normality	Section 7.3 Homework	10/9/17	11/2/17		
	The Normal Approximation to the					
7.4	Binomial Probability Distribution	Section 7.4 Homework	10/9/17	11/2/17		
Ch. 7 Quiz	QUIZ - Chapter 7	Chapter 7 Quiz	10/9/17	11/2/17	HW: 7.1, 7.2, 7.3, & 7.4	120 minutes
	Student Activity Workbook - Chapter 7:	SAW: Discussion - EXTRA				
	Analyzing Standardized Test Scores	CREDIT	10/30/17	11/3/17		
Ch. 6 & 7 Test	TEST - Chapter 6 & 7	Chapter 6 & 7 Test	10/30/17	11/3/17	QZ: Ch6 & Ch7	240 minutes
8.1	Distribution of the Sample Mean	Section 8.1 Homework	11/6/17	11/30/17		
8.2	Distribution of the Sample Proportion	Section 8.2 Homework	11/6/17	11/30/17		
Ch. 8 Quiz	QUIZ - Chapter 8	Chapter 8 Quiz	11/6/17	11/30/17	HW: 8.1 & 8.2	120 minutes
9.1	Estimating a Population Proportion	Section 9.1 Homework	11/6/17	11/30/17		
9.2	Estimating a Population Mean	Section 9.2 Homework	11/6/17	11/30/17		
Ch. 9 Quiz	QUIZ - Chapter 9	Chapter 9 Quiz	11/6/17	11/30/17	HW: 9.1 & 9.2	120 minutes
HOLIDAY: Thanksgiving Break - Nov 23-24 2017						
10.1	The Language of Hypothesis Testing	Section 10.1 Homework	11/6/17	11/30/17		
	Hypothesis Tests for a Population					
10.2	Proportion	Section 10.2 Homework	11/6/17	11/30/17		
10.3	Hypothesis Tests for a Population Mean	Section 10.3 Homework	11/6/17	11/30/17		
Ch. 10 Quiz	QUIZ - Chapter 10	Chapter 10 Quiz	11/6/17	11/30/17	HW: 10.1, 10.2, & 10.3	120 minutes
	Student Activity Workbook - Chapter	SAW: Discussion - EXTRA				
	10: Interpreting P-Values	CREDIT	11/27/17	12/1/17		
Ch. 8, 9 & 10						
Test	TEST - Chapter 8, 9, & 10	Chapter 8, 9, & 10 Test	11/27/17	12/1/17	QZ: Ch8, Ch9 & Ch10	240 minutes
	Student Activity Workbook - Chapter 6:	SAW: Discussion - EXTRA				
Extra Credit	Using Binomial Probabilities in Baseball	CREDIT	11/27/17	12/5/17		
FINAL EXAM	FINAL EXAM - Optional	Final Exam	12/4/17	12/8/17		240 minutes