MATH 2342: INTRODUCTORY STATISTICS, 43449, 3 Credit Hours

INSTRUCTOR: Dr. Alla Kelman
OFFICE: C210
TELEPHONE: 972-860-7067
EMAIL: allakelman@dccc.edu

EMAIL POLICY: Instructor will reply to emails within 24-48 hours during week days. Not available on holidays and weekends.

OFFICE HOURS:
- MW: 11:00 a.m. – 12:30 p.m. office hours are on campus
- TTR: 12:20 p.m. – 1:20 p.m. office hours are on campus
- Fridays: 11 a.m. – 12:00 p.m. office hours are online

During online office hours, instructor will respond to emails “first come, first serve”. Otherwise, please make an appointment. Allow 24-48 hours for scheduling of all appointments.

Course Description:
Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. (3 Lec.)

Prerequisite:
Two years of high school algebra and an appropriate assessment test score or Developmental Mathematics 0310.

Textbook and Other Course Materials:
- **Calculator:** Students are required to have access to a graphing calculator for this course. While other models may be acceptable, the TI-83 and TI-84 calculators are strongly preferred. Instructions on how to use technology to apply concepts are at the end of relevant sections under the heading "Technology Step-by-Step."
MyMathLab - Microsoft Windows 7 and 8 users should use one of the following browsers with MyMathLab courses-- Chrome, Firefox or Internet Explorer 10 and 9. Click here for other system requirements.

Please note that in this section of MATH 2342, MyMathLab access is required, but the paper text is not required. MyMathLab access is not included with the purchase of a used book, and may not be included with the purchase of a new book. Therefore, use caution when purchasing your textbook.

Instructional Methodology:

This course is taught exclusively online with homework, quizzes, and most tests (with the exception of the final exam) required on internet based computer software.

Website: www.coursecompass.com

Your Course Name: 2017SP-MATH-2342-43449-SCHOLARMESTER-03/20
Your Course ID: kelman96687

Student Learning Outcomes:
After completing this course, the student should be able to:

1. Explain the use of data collection and statistics as tools to reach reasonable conclusions.
2. Recognize, examine and interpret the basic principles of describing and presenting data.
3. Compute and interpret empirical and theoretical probabilities using the rules of probabilities and combinatorics.
4. Explain the role of probability in statistics.
5. Examine, analyze and compare various sampling distributions for both discrete and continuous random variables.
6. Describe and compute confidence intervals.
7. Solve linear regression and correlation problems.
8. Perform hypothesis testing using statistical methods.

Core Objectives:
MATH 2342 develops the following Core Objectives:

1. Critical Thinking - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
2. Communication - to include effective development, interpretation and expression of ideas through written and visual communication.
3. Empirical and Quantitative Skills - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

Core Objective Development Statements: MATH 2342 develops Critical Thinking, Communication, and Empirical and Quantitative Skills by requiring students to collect, analyze, present and interpret data and probability.

INSTRUCTIONAL COMPONENTS:

This course is divided into modules. The components of each module are described below.
Step 1: Video – Video lecture introduces each section of module
☐ Must be accessed before each homework assignment
☐ Grade omitted from course average

Step 2: Homework – Consists of problems from each section
☐ Problem can be repeated until mastered – select “Similar Exercise” after each 3rd incorrect attempt
☐ All “Help” buttons available
☐ Must be in “Homework,” not “Review” mode to save progress
☐ Problems saved individually

Step 3: Quiz – Consists of problems that summarize multiple sections
☐ Must be completed immediately following the homework for the relevant sections
☐ Have a time limit of 60 minutes
☐ Must complete the quiz in one sitting
☐ Unlimited attempts allowed for each quiz with only the best score taken into account
☐ None of the “Help” buttons available.

Step 4: Test Review – Helps prepare students for module test
☐ Score NOT included in homework average

Step 5: Test – Assesses student understanding of module
☐ Must be in lockdown browser mode
☐ Must be completed within 120 minutes
☐ None of the “Help” buttons available.
☐ Reviewed by student only immediately after submission
☐ Two attempts are allowed per each test with the highest attempt taken into account.

**GRADING POLICY**
Grades will be determined as follows:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework Average using MyStatLab (All homework assignments are due April 9th, 2017, by 11:59 p.m. CT)</td>
<td>15%</td>
</tr>
<tr>
<td>Quiz average using MyStatLab (All quiz assignments are due April 9th, 2017, by 11:59 p.m. CT)</td>
<td>15%</td>
</tr>
<tr>
<td>Average of two Orientation Quizzes using Ecampus and MyStatLab (Due March 20th, 2017, by 11:59 p.m. CT)</td>
<td>4%</td>
</tr>
<tr>
<td>Submission of your photo via email (Due March 20th, 2017, by 11:59 p.m. CT)</td>
<td>3%</td>
</tr>
<tr>
<td>Discussion board introductions in Ecampus (Due March 20th, 2017, by 11:59 p.m. CT)</td>
<td>3%</td>
</tr>
<tr>
<td>Average of Module Tests using MyStatLab (All Module Test assignments due April 9th, 2017, by 11:59 p.m. CT)</td>
<td>30%</td>
</tr>
<tr>
<td>Final Exam: Part 1: Core Artifact Assignment. Submit via email to Professor Kelman (attach to email) on April 10th, 2017, by 9:00 p.m. CT Part 2: Comprehensive paper and pencil, must be taken at Eastfield College testing center on</td>
<td>Part 1and Part 2: 30%</td>
</tr>
</tbody>
</table>
GRADING RATIONALE
A: 90-100%;   B: 80-89%;   C: 70-79%;   D: 60-69%;   F: below 60%

FINAL EXAMINATION: A comprehensive, departmental final examination, which will represent
30% of the class grade, will be administered in this class. Please notice that final exam is a TWO part
exam.
Part 1: Core Artifact Assignment. Please see EASTFIELD COLLEGE CORE ARTIFACT
ASSIGNMENT section of the syllabus.
Part 2: Multiple Choice. Taken at Eastfield College Testing Center. You will need your photo ID
when taking final exam at Eastfield College Testing Center.

You may not take/complete the final exam late nor can you make up or retake that assessment.

For example:

A student, Jane Doe, has the following grades at the end of the semester.

Homework Average (on MyStatLab): 90%
Online quiz Average (on MyStatLab): 73%
Ecampus orientation quiz: 100%
MyStatLab Orientation quiz (on MyStatLab): 100%
She submitted photo on time: 100%
She completed discussion board assignment on time: 100%
Average of Module Tests (on MyMathLab): 86%
Comprehensive Final Exam (at Eastfield College Testing Center and submitted on time Core
Artifact): 77%

Here is the formula to be used in this class to determine numerical grade for the course:

\[(\text{MyStatLab Homework Average} \times 0.15) + (\text{MyStatLab Quiz Average} \times 0.15) + (\text{Average of two}
\text{Orientation Quizzes using Ecampus and MyStatLab} \times 0.04) + (\text{Photo Submission} \times 0.03) +
(\text{Discussion board introductions} \times 0.03) + (\text{Average of Module Tests} \times 0.30) + (\text{Comprehensive}
\text{Final Exam} \times 0.30)\]

Here is how Jane’s numerical grade will be determined:

\[(90 \times 0.15) + (73 \times 0.15) + (100 \times 0.04) + (100 \times 0.03) + (100 \times 0.03) + (86 \times 0.30) + (77 \times 0.30) =
83.35\]

To convert Jane’s numerical grade into the letter grade follow the following distribution:

A: 90-100%;   B: 80-89%;   C: 70-79%;   D: 60-69%;   F: below 60%

Since Jane’s numerical grade came to be 83.35 it falls in the interval between 80 and 89, thus
her letter grade is a B.

POLICY ON MISSED TESTS AND ASSIGNMENTS
All assignments have strict deadlines. Due dates are non-negotiable and can be viewed in
MyStatLab and Course Pacing calendar.
FINAL EXAM PART 1 AND PART 2:

PART 1 OF THE FINAL EXAM: EASTFIELD COLLEGE CORE ARTIFACT ASSIGNMENT:
This assignment will be graded on completion:
Fully Completed = 10 points; Not Fully Completed = 0 points.
Core Artifact Assignment is Part 1 of the final exam and must be submitted via email to Professor Kelman on April 10th, 2017, by 9:00 p.m. Late assignment submission will not be accepted.

PART 2 OF THE FINAL EXAM:
This part of the final exam for this course will be a multiple choice paper and pencil test and must be taken at an Eastfield college testing center on April 10th, 2017, by 9:00 p.m. The Eastfield College Testing(Assessment) Center is located in Building C, Room 316. Please contact Eastfield College testing location for hours of operation. Keep in mind that tests are not issued to students one hour before closing and one hour before test is due. You can contact the testing center at 972-860-7011 for more information.

Students must be present for the final exam. You may not take/complete the final exam late nor can you make up or retake that assessment.

GRADE REPORT
Grade reports are no longer mailed. Convenient access is available online. Just use your student identification number when you log onto e-Connect at http://econnect.dcccd.edu/.

DROP DATE
Last date to drop with a grade of “W” is 04/04/2017.

ATTENDANCE POLICY
Please note that for certification purposes, participation in the course is defined as students registering for the course and accessing course materials on MyMathLab. If you have not logged on to MyStatLab by the certification date and did not complete three part orientation assignment you will not be certified.
You are expected to regularly log in to eConnect and My Stat Lab(MyMathLab) to complete work for the course in which you are enrolled. Students have the responsibility to consult with the instructor when a deadline cannot be met.

If a student is unable to complete a course (or courses) in which he/she is registered, it is the responsibility of the student to withdraw from the course by the appropriate date. (The date is published in the academic calendar each year and in each semester’s class schedule). If a student does not withdraw, he/she will receive a performance grade, usually a grade of “F”.

Students who are absent from class for the observance of a religious holiday may take an examination or complete an assignment scheduled for that day within a reasonable time after the absence if, not later than the 15th day of the semester, the student notified the instructor(s) that the student would be absent for a religious holiday. Sec. 51.911 TX Educ. Code.

DROP POLICY: To drop a class or withdraw from the college, students must follow the prescribed procedure. It is the student’s responsibility to drop or withdraw. Failure to do so will result in receiving a performance grade, usually grade of “F”. No drop or withdrawal requests are accepted by telephone. Students who drop a class or withdraw from the College before the semester deadline receive a “W” (Withdraw) in each class dropped. The deadline for receiving a “W” is indicated on the academic calendar and the current class schedule. If you are unable to complete this course, you must withdraw from it by 04/04/2017. For more information, contact the Admissions/Registrar’s Office at 972-860-7167 (Room C 119.)
SIX DROP RULE: For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career, unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information on the 6 drop rule, you may access: https://www1.dcccd.edu/6drop.

FINANCIAL AID: If you are receiving Financial Aid grants or loans, you must begin attendance in all classes to be certified as attending class. In a Distance Learning Class, you must show participation in the class prior to the certification date by either e-mailing your instructor or logging on to eCampus. Do not drop or stop attending any class without consulting the Financial Aid Office. Changes in your enrollment level and failing grades may require that you repay financial aid funds. Failure to contact the instructor will result in your name being submitted to the Financial Aid Office as a “non-attendee”. Student who fail to attend or participate after the drop date are also subject to this policy.

REPEATING THIS COURSE: Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in additional tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the Dallas County Community Colleges since the Fall 2002 Semester. See Third Attempt to Enroll in a Course at: http://www.dcccd.edu/thirdcourseattempt/

STUDENT E-MAIL: Legal privacy issues prevent your instructor from discussing your work or your grades on commercial e-mail accounts. If you wish to send your papers as attachments to an e-mail (and the instructor permits it), or if you have a question about your grade, you must open a student e-mail account. You may set up your account by going to http://www.dcccd.edu/netmail/home.html. The account is free.

PRINTING ON CAMPUS: Printing in the Computer Lab (L-108), Library, and Learning Assistance Center will cost 5 cents a page. Students must bring a $1.00, $5.00, $10.00, or $20.00 bill to the lab to create an account. Accounts must be created before attempting to print. No change is made in the lab. Once the money is in the bill acceptor, it cannot be retrieved. Cash refunds are not possible. Accounts stay active as long as the account has value.

STANDARD OF CONDUCT/CLASSROOM CONDUCT: No food, drinks or tobacco products are allowed in Eastfield College classrooms. However; if your class is in a non-lab classroom your instructor may allow for food or drink.

CLASSROOM ETIQUETTE: As with all communication, be sure that your comments are appropriate and respectful of the diversity of thought that exists in this course. All communication should promote a positive, safe and productive learning environment for all. Follow Rules of Netiquette every time conversing with me or your classmates online.

CODE OF STUDENT CONDUCT: Web site address: http://www1.dcccd.edu/cat0506/ss/code.cfm

Responsibility
Each student shall be charged with notice and knowledge of the contents and provisions of the District’s policies, procedures, and regulations concerning student conduct. All students shall obey
the law, show respect for property constituted authority, and observe correct standards of conduct. In addition to activities prohibited by law, the following types of behavior shall be prohibited.

Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by college policies. Scholastic dishonesty shall include, but not limited to, cheating on a test, plagiarism, and collusion.

“Cheating on a test” shall include:

- Copying from another student’s test paper
- Using test materials not authorized by the person administering the test.
- All forms of academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion.
- Collaborating with or seeking aid from another student during a test without permission from the test administrator.
- Knowingly using, buying, selling, stealing, or soliciting, in whole or in part, the contents of an un-administered test.
- The unauthorized transporting or removal, in whole or in part, of the contents of the un-administered test.
- Substituting for another student, or permitting another student to substitute for one’s self, to take a test.
- Bribing another person to obtain an un-administered test or information about an un-administered test.

“Plagiarism” shall be defined as the appropriating, buying, receiving as a gift, or obtaining by any means another’s work and the unacknowledged submission or incorporation of it in one’s own written work.

“Collusion” shall be defined as the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements.

Students should be aware of disciplinary actions for all forms of academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion. Your College Catalog and the DCCCD Catalog contain the entire Student Code of Conduct. In this course, you will receive a grade of “0” on that particular assignment or test if you are guilty of cheating on assignments, tests, or plagiarism. Please do not put yourself in a situation that would result in such action, Academic dishonesty is a serious offense in college.

CAMPUS POLICE: In addition to providing general law enforcement on campus, the campus police respond to all emergencies. In any emergency situation, you can get immediate help by any of the following methods:

- call 911 on any campus extension
- use any red phone in the hallways, or any "blue light" call box in the parking lots
- call 972-860-4290 from any off campus extension

The Office of Institutional Equity, in coordination with DCCCD colleges, has the primary responsibility for reviewing, updating and carrying out compliance policies and procedures. The institutional equity and compliance officer and the Office of Institutional Equity make sure that college district policies and federal and state laws related to sexual assault, Title IX, Title II (Americans With Disabilities Act) and the Military Veterans Full Employment Act are followed to support diversity and inclusion.

Students With Disabilities:
If you are a student with a disability and/or special needs, or if you think you may have a disability, please contact the college Disability Services Office (DSO). Please note that all communication with DSO is confidential. If you are eligible for accommodations, please inform DSO to forward your accommodation request to your instructor as soon as possible, preferably at the start of the semester or program. For more information about the College Disability Services Office, please visit the Student Services website: dcccd.edu/DSOffices or contact the DCCCD Office of Institutional Equity at 214-378-1633.

**College Disability Services Offices**

<table>
<thead>
<tr>
<th>Location</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brookhaven</td>
<td>972-860-4673</td>
</tr>
<tr>
<td>Cedar Valley</td>
<td>972-860-8119</td>
</tr>
<tr>
<td>Eastfield</td>
<td>972-860-8348</td>
</tr>
<tr>
<td>El Centro</td>
<td>214-860-2411</td>
</tr>
<tr>
<td>Mountain View</td>
<td>214-860-8677</td>
</tr>
<tr>
<td>North Lake</td>
<td>972-273-3165</td>
</tr>
<tr>
<td>Richland</td>
<td>972-238-6180</td>
</tr>
</tbody>
</table>

A Note on Harassment, Discrimination and Sexual Misconduct

We are committed to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX and DCCCD policy prohibit harassment, discrimination and sexual misconduct. If you encounter harassment, sexual misconduct (sexual harassment, sexual assault, stalking, relationship violence) or retaliation or discrimination based on race, color, religion, age, national origin, disability, sex, sexual orientation, gender identity and/or gender expression, please contact your college Title IX coordinator or the Office of Institutional Equity. We treat this information with the greatest degree of confidentiality possible while also ensuring student welfare and college safety.

We are concerned about the well-being and development of our students and are available to discuss any concerns. There are both confidential and non-confidential resources and reporting options available to you. If you wish to keep the information confidential, please contact college Counseling or student Health Services. As required by DCCCD policy, incidents of discrimination and/or sexual misconduct shared with faculty will be reported to the college Title IX coordinator or district Title IX coordinator. The Title IX coordinator will contact you and determine if further investigation is needed. For more information about policies, resources or reporting options, please contact your college Title IX coordinator or visit dcccd.edu/TitleIX.

**College Title IX Coordinators**

<table>
<thead>
<tr>
<th>Location</th>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brookhaven</td>
<td>Terri Edrich</td>
<td><a href="mailto:TitleIX-BHC@dcccd.edu">TitleIX-BHC@dcccd.edu</a></td>
<td>972-860-4588</td>
</tr>
<tr>
<td>Cedar Valley</td>
<td>Grenna Rollings</td>
<td><a href="mailto:TitleIX-CVC@dcccd.edu">TitleIX-CVC@dcccd.edu</a></td>
<td>972-860-5222</td>
</tr>
<tr>
<td>Eastfield</td>
<td>Rachel Wolf</td>
<td><a href="mailto:TitleIX-EFC@dcccd.edu">TitleIX-EFC@dcccd.edu</a></td>
<td>972-860-7325</td>
</tr>
<tr>
<td>El Centro</td>
<td>Shaneé Moore</td>
<td><a href="mailto:TitleIX-ECC@dcccd.edu">TitleIX-ECC@dcccd.edu</a></td>
<td>214-860-2626</td>
</tr>
<tr>
<td>Mountain View</td>
<td>Regina Garner</td>
<td><a href="mailto:TitleIX-MVC@dcccd.edu">TitleIX-MVC@dcccd.edu</a></td>
<td>214-860-5675</td>
</tr>
<tr>
<td>North Lake</td>
<td>Francyenne Maynard</td>
<td><a href="mailto:TitleIX-NLC@dcccd.edu">TitleIX-NLC@dcccd.edu</a></td>
<td>972-860-3980</td>
</tr>
<tr>
<td>Richland</td>
<td>Bill Dial</td>
<td><a href="mailto:TitleIX-RLC@dcccd.edu">TitleIX-RLC@dcccd.edu</a></td>
<td>972-238-6352</td>
</tr>
<tr>
<td>Dallas Colleges Online</td>
<td>La’Kendra Higgs</td>
<td><a href="mailto:TitleIX-LEC@dcccd.edu">TitleIX-LEC@dcccd.edu</a></td>
<td>972-669-6590</td>
</tr>
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**District Title IX Coordinator**

<table>
<thead>
<tr>
<th>Location</th>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office of Institutional Equity</td>
<td>LaShawn Grant</td>
<td><a href="mailto:TitleIX-District@dcccd.edu">TitleIX-District@dcccd.edu</a></td>
<td>214-378-1633</td>
</tr>
</tbody>
</table>
EMERGENCY & INCLEMENT WEATHER PROCEDURES:
In case of emergency (which may include power or air conditioning outages, fires, etc.) or inclement weather conditions, Eastfield students should listen to KEOM-FM Radio Station (88.5) as the primary media source. In partnership with the Mesquite Independent School District, Eastfield College Administration will notify KEOM immediately after a decision is made to cancel classes on any given day of inclement weather or for emergency purposes. Students may also monitor other local radio and television stations. The earliest an announcement may be broadcast on KEOM Radio is 6 a.m. Students may also refer to the Eastfield College web page www.eastfieldcollege.com for the Inclement Weather announcement under News/Features.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT of 1974 (FERPA):
In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), the College may release information classified as “directory information” to the general public without the written consent of the student. Directory information includes: (1) student name, (2) student address, (3) telephone numbers, (4) date and place of birth, (5) weight and height of members of athletic teams, (6) participation in officially recognized activities and sports, (7) dates of attendance, (8) educational institution most recently attended, and (9) other similar information, including major field of student and degrees and awards received. Students may protect their directory information at any time during the academic year. If no request is filed, directory information is released upon written inquiry. No telephone inquiries are acknowledged. No transcript or academic record is released without written consent from the student, except as specified by law.

Children on Campus:
The institution strives to protect an environment most conducive to teaching and learning for all enrolled students. Children who are taking part in organized scheduled activities or who are enrolled in specific classes are welcomed. Minor children, however, should not be brought to the institution unless closely supervised by their parent. Minor children should not be brought into classrooms, laboratories or other facilities of the college. This practice is disruptive to the learning process. In the case of an emergency where the student-parent has no alternative but to bring the child to campus, classroom faculty or the administrative heads of other units have full discretion as to whether a child may be allowed to quietly stay in the location. These individuals may require that children be removed by the student-parent from the setting if, in their opinion, the presence of the child is deemed to be disruptive to the learning process. For reasons of security and child welfare the institution will not permit unattended children to be left anywhere on the premises. Parents who have problems with childcare should visit the Counseling and/or Advisement Center to receive referrals to childcare services in the area.

ADDITIONAL RESOURCES
The Math Spot (http://www.eastfieldcollege.edu/as/Mathspot/index.asp) provides tutoring in Mathematics and Developmental Mathematics. Students are encouraged to take advantage of this service for additional help in their course work. The Math Spot is located in Eastfield College library, and the phone number is 972-860-7062. Visit the link above for more information on tutors, hours of operation and policies.

COURSE COVERAGE:

<table>
<thead>
<tr>
<th>Sections</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1 – 1.6</td>
<td>Practices of statistics, Observational and experimental studies, Sampling, The design of an experiment</td>
</tr>
<tr>
<td>2.1 – 2.4</td>
<td>Qualitative and quantitative data, Additional displays, Misrepresentation of data</td>
</tr>
<tr>
<td>3.1 – 3.5, 4.1-4.2</td>
<td>Measures of central tendency, Measures of dispersion, Grouped data, Measures of position, Outliers</td>
</tr>
</tbody>
</table>
5.1-5.5  Scatter diagrams, Correlation, Regression line, Probability rules, Addition and complement rules, Independence and multiplication rules

6.1-6.2; 7.1-7.3  Random variables, Binomial probability distribution, Normal distribution, Standard normal distribution, Applications, Assessing normality, Normal approximation to the binomial probability distribution

8.1; 9.2-9.4  Distribution of the sample mean, Confidence interval for the mean when the population standard deviation is known and unknown, Confidence interval for the standard deviation, Putting it all together

10.1, 10.3-10.5, 13.1-13.2  Language of hypothesis testing, Hypothesis testing for the mean and the standard deviation, Putting it all together, ANOVA, Post Hoc ANOVA

SYLLABUS REVISION:
The guideline in this syllabus may be changed, deleted, or amended any time by the instructor. The attached course outline is intended as an aid in helping you know your responsibilities for the semester. It is possible that some changes in the course outline, course pacing calendar or class policies will be made during the semester. Any changes that are made to the class policies or course outline will be announced in the Announcement page in Ecampus.

COURSE PACING CALENDAR

<table>
<thead>
<tr>
<th>DAY</th>
<th>ASSIGNMENTS</th>
</tr>
</thead>
</table>
| DAY 1: MARCH 20, 2017 | Three part orientation:  
a) Two orientation quizzes (one in Ecampus, one in MyMathLab)  
b) discussion board introduction  
c) your photo submission  
Three part orientation is due by March 20th, 2017 by 11:59 p.m. |
| DAY 2: MARCH 21, 2017 | Video, HW, Quiz §1.1 - 1.3  
Video, HW, Quiz § 1.4 – 1.6 |
| DAY 3: MARCH 22, 2017 | Video, HW, Quiz §2.1 - 2.2 |
| DAY 4: MARCH 23, 2017 | Video, HW, Quiz §2.3 - 2.4  
HW Review for Test 1 |
| DAY 5: MARCH 24, 2017 | Test 1: Modules 1-2 |
| DAY 6: MARCH 25, 2017 | Video, HW, Quiz §3.1 - 3.3 |
| DAY 7: MARCH 26, 2017 | Video, HW, Quiz §3.4 - 3.5  
Video, HW, Quiz §4.1 - 4.2 |
| DAY 8: MARCH 27, 2017 | Video, HW, Quiz §5.1 - 5.3 |
| DAY 9: MARCH 28, 2017 | Video, HW, Quiz §5.4 - 5.6  
HW Review for Test 2 |
| DAY 10: MARCH 29, 2017 | Test 2: Modules 3-4 |
| DAY 11: MARCH 30, 2017 | Video, HW, Quiz § 6.1 – 6.2 |
| DAY 12: MARCH 31, 2017 | Video, HW, Quiz §7.1 - 7.3 |
| DAY 13: APRIL 1, 2017 | Video, HW, Quiz §8.1, 9.2 |
| DAY 14: APRIL 2, 2017 | Video, HW, Quiz §9.3 - 9.4  
HW Review for Test 3 |
| DAY 15: APRIL 3, 2017 | Test 3: Modules 5-6 |
| DAY 16: APRIL 4, 2017 | Video, HW, Quiz §10.1, 10.3 |
| DAY 17: APRIL 5, 2017 | Video, HW, Quiz §10.4 - 10.5 |
DAY 18: APRIL 6, 2017
Video, HW, Quiz §13.1-13.2
Review for Test 4

DAY 19: APRIL 7, 2017
Test 4: Module 7

DAY 20: APRIL 8, 2017
FINAL EXAM REVIEW (In MyMathLab)

DAY 21: APRIL 9, 2017
FINAL EXAM REVIEW (In MyMathLab)

DAY 22: APRIL 10, 2017

I. PART 1 OF THE FINAL EXAM: EASTFIELD COLLEGE CORE ARTIFACT ASSIGNMENT:
Must be submitted via email to Professor Kelman no later than April 10th, 2017 by 9:00 p.m. Central Time. Late assignment submission will not be accepted.

II. PART 2 OF THE FINAL EXAM:
This part of the final exam will be paper and pencil test and must be taken at an Eastfield college testing center on April 10th, 2017 and must be submitted by 9:00 p.m. Central Time. The Eastfield College Testing (Assessment) Center is located in Building C, Room 316. Please contact Eastfield College testing location for hours of operation. Keep in mind that tests are not issued to students one hour before closing. You can contact the testing center at 972-860-7011 for more information.

The above timeline is recommended. All section video, section homework, section(s) quiz and Modular Tests assignments may be completed before the recommended day. The final submission date for all MML homework (except MML orientation quiz), MML quizzes, and Modular tests is April 9th, 2017 by 11:59 p.m..

ALL DEADLINES CANNOT BE CHANGED UNLESS REQUIRED BY EASTFIELD COLLEGE. IF YOU HAVE ANY QUESTIONS REGARDING SUGGESTED TIMELINE CONTACT YOUR INSTRUCTOR AS SOON AS POSSIBLE.

<table>
<thead>
<tr>
<th>Assessment (Testing) Center</th>
<th>Phone: 972-860-7011</th>
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<tbody>
<tr>
<td>Building C, Room 316</td>
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<tr>
<td>Monday-Thursday</td>
<td>8 a.m. – 9 p.m.</td>
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<tr>
<td>Friday</td>
<td>9 a.m. – 5 p.m.</td>
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Tests are not issued to students one hour before closing, as well as one hour before tests are due.

Revised 01/13/2017