STAT 1401: Elementary Statistics  
Spring Semester 2020  
Instructor – Joe DeMaio

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Course Num/Sec</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>12230</td>
<td>M W</td>
<td>3:30PM-4:45PM</td>
<td>STAT 1401/11</td>
<td>Clendenin Building- 1003</td>
</tr>
</tbody>
</table>

_A Course in the General Education Program_

**Program Description:** Kennesaw State University's General Education program offers a comprehensive series of interrelated courses in the liberal arts and sciences for all KSU students. Whereas the major program contributes depth within a chosen specialization, the General Education Core Curriculum Areas A-E provide a breadth of understanding within a variety of disciplines. Together, the General Education Core Curriculum and the major degree program offer students the knowledge, skills, and perspectives to become informed and engaged citizens living in a diverse, global community.

STAT 1401 satisfies one of Kennesaw State University’s general education program requirements. It addresses the Applied Math learning outcome. This learning outcome states:

**Applied Math:** Students will demonstrate an ability to effectively apply symbolic representations to model and solve problems.

For more information about KSU’s General Education program requirements and associated learning outcomes, please visit  
Course Description:

STAT 1401 – Elementary Statistics
3 Class Hours 0 Laboratory Hours 3 Credit Hours

Prerequisite: MATH 1101 or MATH 1111 or MATH 1112 or MATH 1113 or MATH 1190
This course in basic statistics includes descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression.

Expected Learning Outcomes:

1. Students will be able to use statistical vocabulary and notation appropriately.
2. Students will be able to identify appropriate methods for collecting data.
3. Students will be able to distinguish the difference between qualitative and quantitative data and recognize when each is appropriate.
4. Students will be able to describe and graphically represent statistical data
5. Students will be able to correctly interpret statistical graphical displays.
6. Students will be able to identify measures of center and variation and use them appropriately to describe distributions.
7. Students will be able to compute basic probabilities and correctly use computations for application.
8. Students will be able to build confidence intervals to estimate population parameters such as means and proportions from statistical data.
9. Students will be able to perform hypothesis tests for population parameters and appropriately interpret the results.
10. Students will be able to successfully use technology to describe, analyze, and perform inferential statistics
11. Students will be able to apply statistical concepts to real-life scenarios.

Textbook and Online Resource Requirements:

Our resources are based on the text


The student is required to obtain Connect Math, which is our online homework resource. Physical copies of the textbook are not required. Students will have access to an eBook through their Connect Math account.

STAT 1401 is part of a textbook program called Day One Access. After enrolling in the course, you should receive an e-mail from KSU University Stores with instructions on how to access the course content. The purpose of Day One Access is to make sure that you have access to the digital course materials on or before the first day of class at a highly competitive rate. Everyone enrolled will automatically have access to the digital course materials through January 11, 2020. Those who have not opted-out or dropped the class by January 11th, will receive a charge from the bookstore on their student account. You have the ability to Opt-Out through Saturday, January 11th, via the link in the email sent to you by University Stores.
You must also login and register your materials by Sunday, January 12th. If you do not do this by this date, you may lose access and an access code may be required despite not having opted out. If this happens, please email dayone@kennesaw.edu

If you would like to know more about Day One Access, please visit https://ksustore.kennesaw.edu/textbooks/day_one_access.php.

If you would like to know if a loose-leaf copy of the textbook is available or have any other questions or concerns, please email dayone@kennesaw.edu.

If you would like to know more about Day One Access, please visit https://ksustore.kennesaw.edu/textbooks/day_one_access.php. Questions or concerns can be directed to dayone@kennesaw.edu.

Again, if you choose to Opt Out of the discounted digital resources in the Day One Access program, your access to the resources will be removed and you will be responsible for purchasing access to the digital resources at full price on your own.

**Professor:** Dr. Joe DeMaio  
**Office:** Clendenin 3011  
**Office Hours:** 2:30 PM - 3:25 PM MW and by appointment  
**Phone:** (770) 423-6568  
**e-mail:** Do not email me through D2L (reply function does not work). Send email to me directly at jdemai@kennesaw.edu  
**Web Page:** http://facultyweb.kennesaw.edu/jdemai/  
**Calculator:** The TI-83/84 calculator is required for this course.

**Grading**

There will be three tests and a final exam. Each counts 25% towards your final grade. Letter grades will be assessed on a 10-point scale. However, tests will have more than 100 possible points available so extra points are available to be earned. You will be allowed to use a single 3” x 5” index card of notes on each test. Notes in any other form will not be allowed and will be confiscated. The final exam will be cumulative. Cheating may result in the grade of an 'F' for the course! I do not report grades to students over the phone or through e-mail. I will not give your test to a friend. You must come to class or my office to pick up a test if you are not in class when I return them.

I do not drop nor do I replace any grades!  
I do not give make-up tests (unless there is a good reason and you must contact me prior to 48 hours after the test)!  
There are no extra credit projects!  
I do not make deals at the end of the semester for grades!
**Homework**

There will be homework problems for each section covered. This homework will not be taken up and graded. It is to give you a point of reference from which to work. Test problems are often slight variations of homework problems if not the exact problem. The only way to succeed in this class is by doing all of the assigned homework! Merely, attending class will not be enough. A student will encounter a large number of techniques and examples in this course. It is vital to know and understand these new concepts. Successive lectures will assume the knowledge of previously stated techniques and examples. One must keep up with this material on a day-to-day basis! Because homework problems are not graded, you are allowed and strongly encouraged to work together on homework problems. I believe that it is very beneficial to regularly work problems in small groups of two to four people. This will decrease your chances of getting stuck on a problem and give you someone, other than your instructor, with whom to discuss homework problems. Obviously however, you must also be able to work problems without guidance for testing situations and when presenting at the board.

**Homework is mandatory (if you want a good grade) despite the fact that there is no homework grade!**

**Attendance**

Every mathematics class is a building process from day one (actually, even from grade one). A student who misses classes has seriously compromised his or her knowledge of the material and will begin to feel an effect on their final grade. Attendance and class participation are important elements to incorporate into your study habits. I will distribute a sign-in sheet to document attendance at the beginning of each class. During the summer term I may, from time to time, distribute a second sign-in sheet after the break. Signing for another student will be treated as an honor code violation.

A student who misses a class is responsible for all material missed. Due to time constraints your instructor cannot re-present the lecture in a one-on-one setting. If circumstances dictate that a student will miss numerous class meetings, perhaps now is not the semester to take this course.

**Attendance is mandatory (if you want a good grade) despite the fact that there is no attendance grade! Students with poor attendance will be reminded of such during discussions of their grade or special requests.**
<table>
<thead>
<tr>
<th>Important Dates</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Day of Classes</td>
<td>Jan 6 (M)</td>
</tr>
<tr>
<td>Registration / Drop-Add (Begins 8:00 a.m., Ends 11:45 p.m.)</td>
<td>Jan 6 (M) – 10 (F)</td>
</tr>
<tr>
<td>Financial Aid Disbursement</td>
<td>Jan 17 (F)</td>
</tr>
<tr>
<td>Payment Deadline 4:00 p.m. for Classes Beginning Jan 6* (includes eCore)</td>
<td>Jan 17 (F)</td>
</tr>
<tr>
<td>Holidays / Breaks</td>
<td>Jan 20 (M)</td>
</tr>
<tr>
<td>Deletion of Courses for Nonpayment* (includes eCore)</td>
<td>Jan 21 (Tu)</td>
</tr>
<tr>
<td>Test 1</td>
<td>Jan 29 (W)</td>
</tr>
<tr>
<td>Test 2</td>
<td>Feb 26 (W)</td>
</tr>
<tr>
<td>Last Day to Withdraw Without Academic Penalty, 11:45 p.m.</td>
<td>Feb 26 (W)</td>
</tr>
<tr>
<td>Test 3</td>
<td>Mar 25 (W)</td>
</tr>
<tr>
<td>Holidays / Breaks</td>
<td>Mar 28 (Sa) – Apr 3 (F)</td>
</tr>
<tr>
<td>Last Day to Withdraw for the Term With a WF</td>
<td>Apr 20 (M)</td>
</tr>
<tr>
<td>Last Day of Classes</td>
<td>Apr 27 (M)</td>
</tr>
<tr>
<td>Final Exam STAT 1401/11</td>
<td>Monday, May 4, 2020 3:30 PM - 5:30 PM</td>
</tr>
<tr>
<td>Final Grades Due, by Noon</td>
<td>May 8 (F)</td>
</tr>
</tbody>
</table>
WITHDRAWAL FROM THE UNIVERSITY OR FROM INDIVIDUAL COURSES AND ACADEMIC INTEGRITY

Spring Term, 2020

Withdrawal

Students who find that they cannot continue in college for the entire semester after being enrolled, because of illness or any other reason, need to complete an online form. To completely or partially withdraw from classes at KSU, a student must withdraw online at www.kennesaw.edu, under Owl Express, Student Services.

The date the withdrawal is submitted online will be considered the official KSU withdrawal date which will be used in the calculation of any tuition refund or refund to Federal student aid and/or HOPE scholarship programs. It is advisable to print the final page of the withdrawal for your records. Withdrawals submitted online prior to midnight on the last day to withdraw without academic penalty will receive a “W” grade. Withdrawals after midnight will receive a “WF”. Failure to complete the online withdrawal process will produce no withdrawal from classes. Call the Registrar’s Office at 770-423-6200 during business hours if assistance is needed.

Students may, by means of the same online withdrawal and with the approval of the university Dean, withdraw from individual courses while retaining other courses on their schedules. This option may be exercised up until Feb. 26, 2020.

This is the date to withdraw without academic penalty for Spring Term, 2020 classes. Failure to withdraw by the date above will mean that the student has elected to receive the final grade(s) earned in the course(s). The only exception to those withdrawal regulations will be for those instances that involve unusual and fully documented circumstances.

Academic Integrity

Every KSU student is responsible for upholding the provisions of the Statement of Student Rights and Responsibilities, as published in the Undergraduate and Graduate Catalogs. Section II of the Statement of Student Rights and Responsibilities addresses the University's policy on academic honesty, including provisions regarding plagiarism and cheating, unauthorized access to University materials, misrepresentation/falsification of University records or academic work, malicious removal, retention, or destruction of library materials, malicious/intentional misuse of computer facilities and/or services, and misuse of student identification cards. Incidents of alleged academic misconduct will be handled through the established procedures of the Department of Student Conduct and Academic Integrity (SCAI), which includes either an "informal" resolution by a faculty member, resulting in a grade adjustment, or a formal hearing procedure, which may subject a student to the Code of Conduct's minimal one semester suspension requirement.

See also http://scai.kennesaw.edu/codes.php for updated versions of all policies.