MATH 10041 **–???** INTRODUCTORY STATISTICS

# Fall 2023 CRN ?????

**INSTRUCTOR**: **OFFICE**:

**PHONE:**  **E-MAIL:**

**OFFICE HOURS: ;**Other times by appointment

**CLASS TIMES:** in 319 MSB

**COURSE GOALS:** In this course we will emphasize statistical literacy and develop statistical thinking, use real data, stress conceptual understanding, foster active learning in the classroom, use technology extensively, and use assessments to improve and evaluate your learning. For more detailed learning outcomes, please see the Learning Outcomes on the Canvas site.

**KENT CORE REQUIREMENT:** This course may be used to satisfy the Kent Core Requirement. Kent Core courses as a whole are intended to broaden intellectual perspectives, foster ethical and humanitarian values, and prepare students for responsible citizenship and productive careers.

**COURSE PREREQUISITE:** You are expected to have successfully completed (with a grade of C or better) MATH 00022 here at Kent or have a score of 22 or higher on the ACT Mathematics exam, or an overall high school GPA of 3.5 or higher, or an appropriate placement score on the university placement exam. If you do not satisfy these prerequisites, the Registrar may de-register you from this course.

**CANVAS website:** We have a Canvas site for this course, which you can access via flashline.

**“FLIPPED PEDAGOGY.”** In this course we expect you to read and study the textbook or e-text BEFORE coming to each class. A Reading Quiz, available on Canvas, will be due before EVERY CLASS MEETING on these readings. Don’t worry. These Reading Quizzes (RQs) will be straightforward and not tricky and are open book. If you have spent sufficient time reading and thinking about the material, you will do well on them. Class time will be spent working on problems and activities either in a group or individually. We hope this course organization will help you “learn by doing” and develop a strong understanding of statistical reasoning.

**TEXT.** *Essential Statistics, Exploring the World Through Data, 3rd edition* by Robert Gould, Colleen Ryan, and Rebecca Wong. Published by Pearson. **You have already paid for electronic access** to this text when you paid your tuition bill. You will have access to the e-text via a link on our Canvas Course. You may choose to purchase a printed text on the MML website. This **companion print option is not required** and is an optional purchase, available to those who would like a printed texted. You will be expected to read the text on a regular basis. You also need to purchase the *MATH 10041 Introductory Statistics ACTIVITY BOOK 3nd edition,* available at the bookstore.

**SOFTWARE**.

**MyMathLab**. Homework will be completed on the software, MyMathLab (MML) that accompanies the text. You can access MyMathLab via our Canvas course.

**StatCrunch.** This is the statistical package that comes with MyMathLab at no additional cost. We will be doing some class activities on StatCrunch and some homework assignments require its use.

**CALCULATOR:**  You need a **graphing calculator** for class activities and homework assignments**.** I will be using a TI\*84 plus for in-class demonstrations and suggest you purchase one of these if you do not currently own a graphing calculator. Please bring the calculator to class ***every day.***

**ATTENDANCE POLICY**: I expect you to attend every class. If, however, you miss a class due to unforeseen circumstances, ***it is your responsibility to obtain notes from a group member and complete the daily group assignment on your own***. Acceptable reasons for missing class include illness and injury (with documentation), disability-related concerns, military service, death in the immediate family, religious observance, academic field trips, and participation in an approved concert or athletic event. Absences for these reasons are considered “excused.” Please notify me, in advance if at all possible, if you need to miss class. I do not allow make-ups on quizzes for unexcused absences.

**ASSIGNMENTS:**

**Daily Reading Quizzes.** Before each class, you need to read sections of the textbook or e-text as indicated by the reading guides given in each chapter module on Canvas. You need to complete a short reading quiz, also available in each chapter module on Canvas, before each class. These are due at ?? each class day. The reading guides tell you what I will ask on the quizzes. The emphasis is on the vocabulary. Makeups or extensions on these are rarely permitted and only considered if you have a WRITTEN university acceptable excuse for missing class that day.

**Daily Group Assignment.** During most class periods, you will work with your group on an activity. Each activity requires a write-up that will be submitted during class on Canvas. If your group does not finish the activity in class, you may submit it on Canvas by midnight the night before the next class. These will be graded. If you are absent and have a university-acceptable excuse, you may complete the activity **individually** with PAPER AND PENCIL and bring it to the **next class**.

**MyMathLab Homework Assignments**. You will be assigned homework problems on MyMathLab after each class period. These are to be completed individually and will be graded by the software. If you score an 85% or better on an assignment and submit it on time, you will receive 3 points for that assignment. If you score less than 85%, you will earn 0 points for that assignment. MML homework assignments are due at midnight on the class day *after* they are assigned, unless otherwise noted. Assignments submitted after due dates have an automatic 15% reduction**. I will accept *no* late assignments once the exam has been given on the chapter.** Exceptions to these deadlines are: a) documented illness, b) death in the immediate family, or c) involvement in a university-sponsored event (sports team, choir, etc.).

**Weekly Quizzes**. You will have between 8 and 10 quizzes during the semester, generally once a week during weeks when no exam is scheduled. These weekly quizzes will be completed with paper and pencil and will be more involved than the daily reading quizzes. You need to be present the entire class period in order to earn the points for the quiz. Some of these may be group quizzes.

**Exams.** You will have four in-class exams and a comprehensive final. All exams will be taken electronically, so you need to bring a laptop or a tablet to class on exam day OR use one of the school computers. Each student will have a different version of each exam.

**FINAL EXAM:** The final exam is a ***block final,*** which means all Introductory Statistics classes take it at the same time. Please make a note NOW of the day and date: ***Monday December 9, from 3:15 – 5:30 p.m*. *in a room TBA*.** The final is a cumulative exam.

**MAKE-UP EXAMS:** Given only under extraordinary circumstances with written verification of a university-accepted excuse (documented illness, death in immediate family, university-sponsored event). Please notify me IN ADVANCE, if possible, if an exam is to be missed.

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| **GRADING:** | ***Grading Scale*** *(in percents)* |
| Daily reading quizzes (about 20 of them) | **75** |  |  |  |
| 4 Exams @ 100 points apiece  | **400** |  |  |  |
| Weekly Quizzes (Group or Individual) | **90** |  |  |  |
| Daily group assignment (20 @ 5 points ea.) | **100** |  |  |  |
| MML HW assignments  | **85** |  |  |  |
| Final Exam | **250** |  |  |  |
| **Total Points Possible** | **1000** | There will be NO CURVE |

**ACADEMIC COACHING:**

Academic Coaching is a personalized experience in which you work one-on-one with a peer coach to set goals, improve time management and develop learning skills in a supportive environment. Schedule your first coaching session through the Academic Success Center website at[www.kent.edu/coaching](http://www.kent.edu/coaching)

See all of the other ways that the Academic Success Center can support you this semester by visiting the ASC website for information about Scheduled Tutoring, Drop-in Tutoring, e-Tutoring, and on-demand Learning Skills Videos at [www.kent.edu/asc](http://www.kent.edu/asc)

**CHEATING AND PLAGIARISM:** University policy 3342-3-01.8 deals with the problem of academic dishonesty, cheating, and plagiarism.  None of these will be tolerated in this class.  The sanctions provided in this policy

will be used to deal with any violations.  If you have any questions, please read the policy [here](https://www.kent.edu/policyreg/administrative-policy-regarding-student-cheating-and-plagiarism) and/or ask.

**STUDENTS WITH DISABILITIES**: University policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit [www.kent.edu/sas](http://www.kent.edu/sas) for more information on registration procedures).

**RESPECT FOR DIVERSITY**: It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students’ learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit.

**CELL PHONES:** Out of courtesy to your classmates and to us, please turn your cell phones OFF during class, except when we are using them for class activities. If you are expecting an emergency call, please set it to *vibrate*.

**REGISTRATION REQUIREMENT**: **The last day to add a full-term class or change sections of a class is midnight on Sunday, August 27. The** last day to drop any or all courses that meet the full semester before grade of "W" is assigned **is midnight on Sunday, September 3.**  University policy requires all students to be officially registered in each class they are attending. Students who are not officially registered for a course by published deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class schedule (using Student Tools in FlashFast) prior to the deadline indicated. Registration errors must be corrected prior to the deadline.

**WITHDRAWAL DEADLINE:** The official withdrawal deadline for this course is Sunday, October 29, at midnight.

**COMMUNICATON:** Please check your university kent.edu email AND your Canvas inbox on a regular basis. You may set your notification preferences on Canvas to have those messages sent to your .kent.edu email, but this **does not happen automatically**! You need to visit the notifications link on Canvas and select your preferences there.