Time: MW 6:15 – 9:15 PM
Place: High School Farmington Hills, MI
Office hours: MW 5:45 – 6:15 PM and after class as needed
Instructor: Krystyna Makagon
Office: C-442 Wells Hall, East Lansing
E-mail: makagonk@stt.msu.edu
Class page: click at this link: Class Website

Course Description: STT315 is the first course in probability and statistics mainly for business majors. The topics include descriptive statistics, probability models, random variables, sampling distribution, estimation, confidence intervals, and hypothesis testing. This is covered in Chapters 2-6 of the textbook.


The link to the publisher’s site:

The link to homework and quizzes: MyStatLab. This site gives an access to e-textbook, and offers a lot of hints while you are doing homework. Registering is easy. Click at the site link and follow the instructions. Course ID: makagon16927

You may access MyStatLab immediately and take advantage of the 17 day free trial. But finally you must buy an access code in order to be able to do graded assignments. Every student must register to MyStatLab.

Calculators: Since an access to internet is not allowed during tests, students are required to have a calculator with the capability to compute summary statistics and handle probability distributions. TI-83, TI-83 Plus 84 or 84+ is strongly recommended. It has such features as probability distributions, confidence intervals, and hypotheses testing. The handouts with steps and examples on how to use a TI to solve problems can be found on our class site. A TI-83 or 84 will be used in class to solve the examples and work out some exercises. And unless you are asked to show all steps, you will be encouraged to use a calculator or computer software of your choice to complete some of the assignments, therefore saving quite a bit of your time.

Teaching/Learning Strategies: Please visit the class website before each class meeting (the link is here: Class Website). Check often for any new announcements. You will find there list of homework assignments (to review from the book while away from your computer) the outlines of the next lectures, this syllabus, some handouts and other related information.

Attendance: It is your responsibility to attend lectures and keep informed and current in regard to class coverage and assignments due. Secure a contact with a classmate to catch up with the notes and assignments in case if you must miss a class.

Homework: Homework problems will be assigned online, on MyMathLab.
Quizzes: There will be six weekly quizzes posted on MyStatLab. Each quiz is timed (typically one hour), opens on Friday and will be due on Sunday, 11:59 PM. Quizzed material will be similar to the problems discussed in class and/or those scheduled for homework.
Grading:

1. **Two one-hour midterm exams** given in class (see Tentative Schedule for the dates), 100 points each.
2. **Five out of six timed quizzes assigned on MyStatLab.** The lowest score will be dropped, and five best scores averaged (100 points).
3. A comprehensive **two-hour final exam** given in class on the last day of classes (200 points).
   Bonus problems will be occasionally offered with a cap of maximum 25 points to collect.

**Note: the schedule of midterm exams is tentative and subject to change.**

Make-up tests will be given **only when you have a verifiable medical excuse** and if you are able to take them **before graded exams are turned out**.

A tentative grading scale is:

- 4.0: 90-100 %
- 3.5: 85-89.9 %
- 3.0: 80-84.9 %
- 2.5: 75-79.9 %
- 2.0: 70-74.9 %
- 1.5: 65-69.9 %
- 1.0: 60-64.9 %
- 0.0: 0-59.9 %

Policies:

- **Academic Honesty:** The Department of Statistics and Probability adheres to the policies of academic honesty as specifies in the General Student Regulations 1.0, Protection of Scholarships and Grades, and in the All-University of Integrity of Scholarship and Grades which are included in Spartan Life: Student Handbook and Resource Guide. Student who plagiarize will receive a grade 0.0 on the assignment.
- **ADA:** To arrange for accommodation a student should contact the Resource Center for People with Disabilities (353-9642) [http://www.rcpd.msu.edu/](http://www.rcpd.msu.edu/)

Important dates:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>First class</td>
<td>Tuesday, 7/01</td>
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<tr>
<td>Holiday - University Closed</td>
<td>Friday, 7/4</td>
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<tr>
<td>Middle of Semester</td>
<td>Wednesday, 7/23</td>
</tr>
<tr>
<td>Last class</td>
<td>Wednesday, 8/14</td>
</tr>
<tr>
<td>Final Exams</td>
<td>Last Class Day</td>
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**Tips:** This course is demanding and requires a great deal of work. Lecture outlines will be placed on line for your convenience. Read them and bring to class: during the lecture you’ll be able to complete them with your own notes, and later on use them for study and review. Study the examples discussed in class and look for similar ones in the textbook. Then (not before!) do homework problems. Try to study every day, even if it has to be a few minutes at a time only. It takes time and frequent practice to become comfortable with the material. **Do not fall behind!** No extensions for quizzes deadlines = do not ask. If you missed a deadline for a quiz remember that one quiz score will be dropped anyway.

**Disclaimer:** The instructor reserves the right to make any changes she considers academically advisable. Changes will be announced in class. **It is your responsibility to keep up with any changed policies.**