

Instructor: Irina Kadyrova

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(For emails, please indicate you are a STT 351 student.)

Lectures: MWF, 12:40 PM– 2:30 PM Zoom session

My zoom session access.

Link: <https://msu.zoom.us/my/kadyrova>

Office hours: 30 last min of each Zoom session or by appointment (if asking for different time). You have to submit your request for an appointment at least 24 hours before to your desired date/time.

Textbook (required). Custom 8.th edition of “Probability and Statistics for Engineering and the Sciences”, Devore, Cengage Learning.

You can find the PDF version of this textbook the link:

https://fac.ksu.edu.sa/sites/default/files/probability_and_statistics_for_engineering_and_the_sciences.pdf

Computer: You need access to a computer. Some HWs require use of statistical software MINITAB (or Excel).

Introduction to MINITAB can be found in the following link.

https://www.minitab.com/uploadedFiles/Documents/getting-started/Minitab17_GettingStarted-en.pdf

You can also use on-line tutorial lectures (YouTube).

Calculator: The graphing calculators TI-84 is needed to perform “by hands” statistical computing.

The Zoom **Statistics Learning Center (SLC) hours for Summer B** will begin on **Wednesday, JULY 1**, and be available **Monday to Friday from 4pm to 10pm.**

Prerequisite: MTH 234

Evaluation.

Midterm exams (I, II)	80×2 = 160 points
Final exam	140 points
Homework	100 points
Quizzes	100 points
Total	500 points

Comprehensive Final exam covers all material studied over the semester.

It contains traditional “free answer” problems, **T – F** and **MC** questions.

Quizzes are short weekly assignments.

Homework. During the semester will be completed **5 Graded HWs** (25 points each, one lowest for drop).

Recommended HW is listed in the Weekly Schedule.

Grade assignment will be done according to the scale below.

90 – 100 %	4.0	65 – 72.99 %	2.0
85 – 89.99 %	3.5	60 – 64.99 %	1.5
79 – 84.99 %	3.0	55 – 59.99 %	1.0
73 – 78.99 %	2.5	0 – 54.99 %	0.0

Policies:

- **Make-up tests** will be given **only** when you have a verifiable excuse; otherwise the exam score will be 0.
- 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.

Accommodations for Students with Disabilities (from RCPD)

Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities at 517-884-RCPD or on the web at rcpd.msu.edu. Once your eligibility for an accommodation has been determined, you will be issued a Verified Individual Services Accommodation (VISA) form. Please present this form to me at the start of the term and/or at least one week prior to the accommodation date. Requests received after this date may not be honored.

Exams Schedule.

	Date	Time	Location
Exam 1	Friday, July 17	12:40 – 16:40 PM	D2L
Exam 2	Friday, August 7	12:40 – 16:40 PM	D2L
Final Exam	Thursday, August 13 Info is tentative!!!	10:00 AM – 4:00 PM Info is tentative!!!	D2L

Disclaimer.

The instructor reserves the rights to make any changes she considers academically advisable. The changes will be announced in class and in your section Class page. It is your responsibility to keep up with any changed assignments, dates, policies.

Tentative Weekly Schedule

Week	Monday	Wednesday	Friday	
1	06/29: Intro. Syllabus and Ch 1.1	07/01 Ch 1.2 – 1.3 RHW: 1.2: 11, 15, 17, 25 1.3: 33-41 odd	07/03 Ch 1.4 RHW: 1.4: 45-53 odd	Q1
2	07/06 Ch 2.1 – 2.3 RHW: 2.1: 2-5 2.2: 11-23 odd 2.3: 31-39 odd	07/08 Ch 2.4 – 2.5 RHW: 2.4: 47,49,51,59,61 2.5: 71,75,77,79	07/10 Ch 2.5, 3.2 RHW: 3.2: 13-23 odd	GHW #1 Q2
3	07/13 Ch 3.3 – 3.4 RHW: 3.3: 29-39 odd 3.4: 47-61 odd, (47 MINITAB or other soft)	07/15 Ch 3.6 RHW: 3.6: 79-91 odd (MINITAB or other soft)	07/17 Midterm 1	GHW #2 Q3
4	07/20 Ch 4.1 – 4.3 RHW: 4.1: 1-9 odd; 4.2: 11- 23 odd 4.3: 28-33, 35 – 43 odd	07/22 Ch 4.4 – 4.5, 5.1 – 5.2 RHW: 4.4: 59-63; 4.5: 72, 73ab, 77, 79, 81 5.1: 1, 5, 9, 12; 5.2: 22, 30	07/24 Ch 5.3 – 5.5 RHW: 5.3: 37, 38, 41 ab 5.4: 46ab , 47-55 odd	GHW #3 Q4
5	07/27 Ch 6.1, 7.1 – 7.2 RHW: 7.1: 1, 3abc, 5 7.2: 12, 13 – 21 odd	07/29 Ch 7.3 RHW: 7.3: 29, 30, 31, 35a, 36, 37a	07/31 Ch 8.1-8.3 RHW: 8.1: 1 (calculator or software), 5 8.2: 19, 21, 23, 29a 8.3: 37ab, 39, 41	GHW #4 Q5

Tentative Weekly Schedule (continuation)

Week	Monday	Wednesday	Friday	
6	08/03 Ch 8.3-8.4 RHW:8.3: 37ab, 39, 41; 8.4: 47, 51,57, 59a (MINITAB, use $\alpha = 0.05$)	08/05 Ch 9.1 – 9.2 RHW: 9.1: 3, 5 ab, 7, 9, 11 9.2: 19, 21,23 ab MINITAB, 25, 29 (MINITAB, use $\alpha = 0.05$)	08/07 Midterm 2	GHW #5
7	08/10 Ch 12.1 – 12.3 RHW: 12.1: 1, 3, 7, 9; 12.2: 13-21 odd	08/12 Review for Final		Q6

Final Exam

will be given at the last day of classes on **Thursday, August 13, 2020.**

Duration of the exam is **180 min (3 hrs).** **Time interval 10:00 AM – 4:00 PM**

Info is tentative and will be updated!