## Stat 400 Summer 2021 session II Section WB21 University of Maryland, College Park FOR SUMMER 2021, CLASSES WILL BE HELD ONLINE.

- a) I will create videos for each topic and publish them in the Files area of the section's ELMS page for you to download. (My plan is to split each topic into 15-minute segments, and publish them on ELMS at least two days before my live session see b) below.) I recommend that you download and view these prior to the live sessions. One advantage to videos is that, unlike an in-person Lecture, you can rewind and watch sections over again. The disadvantage is that I can't answer questions while you're watching.
- b) The dates below are the days on which I will hold an online session from 9:30 am to 10:45 am, each class day Monday through Friday using Zoom from within ELMS. The Zoom area of the section's ELMS page will have a link that will allow you to join the session. This live session will be your chance to ask questions I can go back to anything in the video Lecture that you want to ask about.

The following course schedule is tentative, subject to change as necessary.

| Date(s)                 | Section            | Practice exercises – to be done after the lecture.   |
|-------------------------|--------------------|--|
|                         | For Zoom<br>Q&A    | These are from the 9 <sup>th</sup> edition, US version. If you are using the 8 <sup>th</sup> edition, 7 <sup>th</sup> edition or the International version, coordinate with someone else in the class or the e-text to |
|                         | QuA                | make sure you are answering the same questions.  |
|                         |                    | Homework always includes reading the appropriate sections!   |
| M, 12 Jul               | 2.1                | 1, 3, 5, 7, 9  |
| Tu, 13 Jul              | 2.2                | 11, 17, 13, 19, 21, 23, 25, 27   |
| W, 14 Jul               | 2.3                | 31, 33, 35, 37, 41, 43   |
| Th, 15 Jul              | 2.4                | 45, 51, 55, 59, 63, 66, 67,  |
|                         |                    | also, supplement identifying permutations and combinations   |
| F, 16 Jul               | 2.5                | 73, 77, 79, 83, 87   |
|                         | Ch 2 comprehensive | supplement conditional probability and Bayes' Theorem  |
| M, 19 Jul               | 3.1-3.2            | 1, 7, 9, 13, 17, 19, 26  |
| Tu, 20 Jul              | 3.3                | 29, 32, 33, 37   |
|                         | 3.4                | 49, 55, 57   |
| W, 21 Jul               | 3.5                |  |
|                         |                    | 70, 71, 73, 75, 76, 77   |
| Th, 22 Jul              | 3.6                | 3.6: 79, 80, 81 3.2: 25 3.3: 35, 39  |
| F, 23 Jul               | 4.1                | 1, 3, 5, 7, 8, 9   |
| M 26 Iul                | 4.20               | 11 a through f, 13 a through c, 15 a through d   |
| M, 26 Jul<br>Tu, 27 Jul | 4.2a<br>4.2b       | 11 a through 1, 13 a through c, 13 a through d 11 h, 13 d and e, 15 e and f, 20  |
| W, 28 Jul               | Review             | exams from previous semesters: Testbank archives of past exams   |
| Th, 29 Jul              | Exam 1             | Online in the Quizzes area of ELMS   |
| F, 30 Jul               | 4.3                | 45, 46 a and b, 47, 50, 53, 55   |
| M, 2 Aug                | 4.4                | 60, 61, 63, 67, 69   |
| Tu, 3 Aug               | 5.0                | <u>Chapter 5 preparation - supplement</u> on evaluating double integrals   |
| ru, 3 rug               | 5.1                | 1 a through e, 3, 5, 6, 7 a through e, 9 a through e, 12 15  |
| W, 4 Aug                | 5.2                | 23, 25, 27, 29, 31, 33   |
| Th, 5 Aug               | 5.3a               | See the Lecture outline Populations and Samples.   |
| F, 6 Aug                | 5.3b               | 37, 39, 41, 43   |
| M, 9 Aug                | 5.4a               | 47, 51, 53a  |
| Tu, 10 Aug              | 5.4b **            | See 5.4 supplement Central Limit Theorem.  |
| , ,                     |                    | **Some of this material is not in the text.  |
| W, 11 Aug               | Review             | exams from previous semesters: <u>Testbank archives of past exams</u>  |
| Th, 12 Aug              | Exam 2             | Online in the Quizzes area of ELMS   |
| F, 13 Aug               | 6.1ab              | 1, 2, 3, 4, 7, 9, 11   |
|                         | 6.1c **            | See the Lecture outline <u>Lecture 6.1c proportion</u>   |
|                         |                    | **Some of this material is not in the text.  |
| M, 16 Aug               | 6.2                | 23, 25   |
| Tu, 17 Aug              | 7.1                | 3, 4 a through c, 5, 7, 11   |
| W, 18 Aug               | 7.2, intro 8       | 13, 15, 19, 20, 23   |
| Th, 19 Aug              | Review             | exams from previous semesters: <u>Testbank archives of past exams</u>  |
| <b>F</b> , 20 Aug       | Final Exam         | Online in the Quizzes area of ELMS   |