IE 242- Engineering Statistics II
Fall 2023

1. **Instructor:** Jeongyoun Ahn

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    Office hour: By appointments.

2. **Course Overview**
   - This course will review general statistical inference and linear algebra, based on which we learn linear regression, ANOVA, nonparametric statistics, and categorical data analysis.
   - Skeleton lecture notes will be provided. Students are expected to write their own class notes.

3. **Textbook**
   - Wackerly et al., Mathematical Statistics with Applications, 7th edition.
   - Some material may be taken from other references.

4. **Grading**
   - The course grade will be based on: Attendance (5%), Homework (15%), Midterm (40%), Final (40%)
   - Attendance will be checked on a sporadic basis, at the beginning of a class meeting. Students with two or more unexcused absences will receive zero credit.)
   - There will be approximately eight homework assignments. Some homework will count more than others. A strikingly similar homework (to each other, or from unauthorized use of solution manual) will be given a zero without warning.
   - Final exam is comprehensive, meaning that all material from the course will be covered.
   - No cheat sheets will be allowed for exam.

5. Note
   - This is a fast-paced, demanding course. Be ready to spend more time on this course than usual. It will be rewarding!
   - Using a laptop is prohibited.
   - Please refrain from excessive cell phone usage, as it can be disruptive to the instructor and other students.