

Statistics 305: Engineering Statistics

Summer 2013

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| Instructor: | Dason Kurkiewicz dasonk@iastate.edu |
| Lecture: | MTWHF 9:50 - 10:50, Pearson 1106 |
| Website: | http://dasonk.github.io/Stat305/ and Blackboard https://bb.its.iastate.edu |
| Office Hours: | TBA <i>or by appointment</i> 3409 Snedecor Hall |
| Teaching Assistant: | Jason Saporta jsaporta@iastate.edu |
| Office Hours: | TBA 2418 Snedecor Hall |

Course Texts

1. *Basic Engineering Data Collection and Analysis*, Stephen B. Vardeman and J. Marcus Jobe, 2000, ISBN: 978-0534369576

Statistical Software

JMP 10, freely available for download (<http://www.stat.iastate.edu/resources/software/jmp/>). You can find on-campus computers equipped with JMP (<https://www-it.sws.iastate.edu/labsdb/?q=JMP>). The computer lab in Snedecor 1207 also has JMP available to students.

Grading

This course will use a plus/minus grading scale. The final grade will be determined as

$$\text{Final Grade} = 40\% \times \text{Homework} + 30\% \times \text{Exam 1} + 30\% \times \text{Final Exam}$$

Course Webpage

Grades can be accessed on Blackboard. Assignments and lecture notes can be found at <http://dasonk.github.io/Stat305/>.

Course Policies

- Assignments will be due at the beginning of the class on the specified date. Late homework will not be accepted, however, I will always accept homework early. In the event of an emergency, you will be responsible for providing documentation.
- The lowest homework grade will be dropped.

- Homework assignments are to be handed in individually. You are allowed (and encouraged) to work together to better understand the material but everybody must turn in their own handwritten set of solutions for the homework.
- The midterm is tentatively scheduled for Monday, June 17.
- The final exam is tentatively scheduled for Friday, July 12. The final exam will not be comprehensive.
- If, for some legitimate reason, you cannot take the exam at the scheduled time and place with the rest of the class, then you should contact me at least 24 hours before the scheduled exam time to make arrangements. *There are no individual make-up exams.*
- Students should bring calculators to the exams, however, laptops will not be allowed. I reserve the right to clear the memory of any calculator during an exam.
- A single sheet of notes (front and back) will be allowed for use during the exams.

Academic Dishonesty

This course follows the ISU Academic Dishonesty policy listed in the Academic Regulations section of the University Catalog. Please make sure you are acquainted with that policy as violations to this policy are treated in a serious manner. Copying answers from any source is strictly prohibited, i.e. all submitted work must be that of the author(s).

Disability Statement

Iowa State University complies with the American with Disabilities Act and Section 504 of the Rehabilitation Act. This course material can be provided to you in alternative format. Anyone who anticipates difficulties with the content or format of the course due to a physical or learning disability should submit their SAAR form to me immediately so we can work out a plan. Contact the Disability Resources (DR) office, in Room 1076 of Student Services Building, 294-7220, for more information. Students should contact me during **the first week** of class so I can provide accommodations in a timely manner.

Changes to Syllabus

This syllabus may change as the semester goes on. Any changes I make will be announced in class and posted on blackboard a minimum of one week before the change goes into effect.