Math 243Z: Elementary Statistics I

Fall 2023 – Section 001

**Course number:** 30890

**Credit hours**: 4

**Instructor:**...., email: ....

**Office:** ...., telephone: ....

**Office hours:** ....

**Time and place:** ....

**Canvas:** ....

**Textbook**: “*Statistics*”, 13th edition, by McClave and Sincich 2021. **Prerequisite**: Math 095 or Math 098.

**Course description:** A first course in statistics focusing on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Technology will be used when appropriate.

**Learning Outcomes**: At the end of this course, students will be able to:

1. Critically read, interpret, report, and communicate the results of a statistical study along with evaluating assumptions, potential for bias, scope, and limitations of statistical inference.
2. Classify study designs and variable types and identify methods of summary and analysis.
3. Produce and interpret summaries of numerical and categorical data as well as appropriate graphical and/or tabular representations.

**Grading components**:

Homework:

Quizzes:

Labs:

Midterm:

Final exam:

**Means of assessment**:

* **Homework**:
* **Quizzes**:
* **Labs**: We will use Excel or Minitab for most labs.
* **Midterm Exam:**
* **Final exam:**

**Grade lines:** the course grade lines will not be harder than the standard grade lines: A 10093%, A- 92.99-90%, B+ 89.99-87%, B 86.99-83%, B- 82.99-80%, C+ 79.99 - 77%, C 76.99-73%, C- 72.99-70%, D+ 69.99-67%, D 66.99-63%, D- 62.99 - 60% and F *<* 60%.

**Other Learning Resources:**

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* The Learning Center at Loso Hall 234 offers free tutoring service, both physical and virtual. Visit <https://www.eou.edu/lcenter/> for appointment.
* The Writing Center at Loso Hall 234 provides a place, both physical and virtual, where every EOU writer can find an interested, responsive reader. Go to eou.mywconline.com/ to schedule an appointment with the Writing Center.
* EOU’s Library has many good books and ebooks to check out: [https://library.eou. edu/](https://library.eou.edu/)

**Academic Misconduct Policy:**

Eastern Oregon University places a high value upon the integrity of its student scholars. Any student found responsible for an act of academic misconduct (including but not limited to cheating, unauthorized collaboration, fabrication, facilitation, plagiarism or tampering) may be subject to having his or her grade reduced in the course in question, being placed on probation or suspended from the University, or a combination of these.

**Students with Disabilities policy:**

Any student who feels he or she may need an accommodation for any type of disability must contact the Disability Services Office in Loso Hall, Room 234. Phone 541-962-3081.

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