EAS 170
(Exam 4 Review Sheet)
(Chapters 10-12)

MULTIPLE CHOICE QUESTIONS (Approx. 30-40 questions)
* All Material in Chapter’s 10-12 and Lecture notes
* Questions taken off the end of labs the practice test questions.
* Important Figures to know from text/lab
  1) “Structural Geology Lab”

FILL IN THE BLANK QUESTIONS (Approx. 10 questions)
* Vocabulary Terms from the chapters/notes/labs/objective sheets.

POTENTIAL SHORT/ANSWER ESSAY QUESTIONS (Approx. 3-5 questions)
* Know what plate boundary corresponds with each respective force involved, fault type, and mountain type.
* Be able to explain how the Andes mountains formed in South America.
* Be able to explain the 3 types of Radioactive decay methods (Alpha Emission, Beta Emission, Electron Capture)
* Know the 3 eras associated with the Phanerozoic eon.
* Know the most abundant gases in earth’s atmosphere.
* Explain how we use carbon 14 and carbon 12 in absolute dating.
* Explain the difference between absolute and relative dating.
* Know how to do radioactive half-life problems and atomic mass/number problems associated with radioactive decay.