

Activity 10 –Unit 1 Exam and Portfolio

I. Preparing for Exam

Unit #1 Exam will cover the materials presented in lectures 1 through 9, first part of lecture 10, activities 1 through 10, and the required reading assignments.

The exam will consist of five essay questions. Students will answer four out of the five questions, and only four, with a combination of sentences in paragraphs, diagrams with labels, and calculations.

Students will be provided with a sheet of equations that were presented in this class and several that have not. The meaning or application of the equations, including any units and the definitions of variables will not be provided.

In order to help prepare the exam, each student, as part of this activity, will develop an essay-style question that could be used on this exam.

After developing the question in class, then write out the answer in as much detail as possible in 15 minutes, which is the average amount of time per question during the exam period.

In addition to a coherent, logical and well-organized essay, include any diagrams, graphs or calculations necessary to provide a comprehensive and thorough answer.

Post your question and answer in your learning group in Desire2Learn by Tuesday, February 26 at Noon.

These questions will be reviewed on Wednesday, February 27 and may be incorporated into a list of 30-40 potential questions that will be provided to students on the course website on Thursday, February 28.

II. Unit I Portfolio – Due at Exam

Students will submit a portfolio of their work during Unit I, which will begin with a 350-450 word-long summary of their learning in Unit I.

The summary will be written in **third-person narrative**
(<http://answers.yahoo.com/question/index?qid=20090401181050AAZKCg8>)

The summary will present an integrated description of the methods and limits of scientific investigation of earthquakes as presented in Unit I and be submitted to the D2L Dropbox by Friday, March 1 at 11:59 PM. A penalty of 5 points, per 24-hour period, will be assessed for late submissions.

All activity worksheets, 1 through 10, and in order, should follow the summary statement in the portfolio. Every question in the activities must be answered. Hardcopies of all activity learning group discussion postings should be attached to the appropriate activity.