

GEOL. 104 FINAL EXAM MATERIAL

TOPIC 1:

- ✓ The first two biggest killer events.
- ✓ The difference between a natural hazard and a natural disaster.
- ✓ The relationship between magnitude and frequency of an event.

TOPIC 2:

- ✓ List the energy source of disasters, and know the source related to each disaster.

TOPIC 3:

- ✓ The tectonic settings of earthquakes, and the associated magnitudes.
- ✓ Seismic hazard of Lebanon.

TOPIC 4:

- ✓ The earthquake intensity variables.
- ✓ Design of buildings and damage control in earthquake prone areas.

TOPIC 5:

- ✓ Causes of tsunami.
- ✓ The difference between tsunami generated waves and wind driven waves.

TOPIC 6:

- ✓ The tectonic settings of volcanoes.
- ✓ The factors that determine the explosivity of a volcano.
- ✓ The three V's of volcanology.

TOPICS 7, 8, 9, 10, 11, 12 & 13:

- ✓ Everything discussed in class.

BEST WISHES

