Earthquake Geology and Neotectonics
Geology 415 and 515
Final Exam Notes

Go to www.geology.cwu.edu
Click on class catalog and go to GEOL 415.
Final exam guide is posted on class page

1. Relations between river terrace formation and faulting
2. Trench wall exposures, slip rates and event horizons for reverse faults
3. Chilean versus Marianna-type subduction zones
4. Liquefaction. Liquefaction susceptibility map using geology and depth to groundwater
5. Recognizing event horizoning along a strike-slip fault
6. Focal mechanisms. Cross-section of fault and aftershocks, using focal mechanisms.
7. Criteria for recognizing active faults
8. Offset features on strike-slip or normal faults
   Processes, assumptions, techniques and problems, bring calculator for this problem.