STRUCTURAL GEOLOGY
GEO 428 --- Fall, 2021 -- ver 1.0

INSTRUCTOR: Mark Cloos
OFFICE: 6.112 JGB Jackson Geoscience (Geology) Building
PHONE: 471-4170
e-mail: cloos@jsg.utexas.edu
OFFICE HOURS: MWF 2:00-3:00 (via zoom until further notice, send e-mail to get link)
CANVAS WEBSITE: https://canvas.utexas.edu
LECTURE SECTION: TTH 2:00-3:30, Room 3.222, JGB (Geology) Building
LAB SECTIONS:
28100 M 2:00-5:00, Room 3.204, JGB (Geology) Building
28105 W 2:00-5:00, Room 3.204, JGB (Geology) Building
28110 F 2:00-5:00, Room 3.204, JGB (Geology) Building
28115 W 5:00-8:00, Room 3.204, JGB (Geology) Building
TEXT: None required – numerous handouts

PREREQUISITES: For students pursuing the Bachelor of Science in Geological Sciences, GEO 420K with a grade of at least C, PHY 301 and PHY 101L or PHY 303K and PHY 103M with a grade of at least C in each, and credit with a grade of at least C or registration for M 408C or M 408K (or 308K). For students pursuing the Bachelor of Arts in Geological Sciences, GEO 420K with a grade of at least C, three semester hours of mathematics other than M 301, M 316K, or M 316L, PHY 302K or PHY 303K with a grade of at least C. For others, consent of instructor.

GRADE:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two (2) exams (100 points each)</td>
<td>200</td>
</tr>
<tr>
<td>Lab exercises</td>
<td>150</td>
</tr>
<tr>
<td>TOTAL</td>
<td>350</td>
</tr>
</tbody>
</table>

The first two exams are scheduled during regular class time and they are designed to take 50 minutes to complete, but you will have the entire period. The third exam, the same length and optional, will have the full three hours of the "final" exam period available to complete the test. If you take the third exam, the lowest grade of the three exams will be dropped.

There are NO makeup tests for missed exams or quizzes in labs except for official functions of the University of Texas. Sorry.

FIELD TRIP: Unlikely, but maybe a miracle will happen.

LECTURE AND LAB EQUIPMENT:
- Ruler
- Protractor
- Compass
- Graph paper
- Colored Pencils
- Eraser
- Unlined white paper
- Tracing paper
- Calculator capable of sines and cosines
- Wulf (Equal Area) Stereographic Net (provided)

"The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the university is expected to uphold these values through integrity, honesty, trust, fairness, and respect toward peers and community."