Class Syllabus

2020 / Spring
GOL 472L, Section 1
Field Methods

Instructors

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Name: R. LaRell Nielson
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Phone: (936) 468-2248
Office: 304 Miller Science
Office Hours: MW 10-11:30; 2:30-5:50, TR 10:45-12 noon; or by appointment

Class meeting time and place: 2:30 – 5 PM, Thursday, 326 Miller Science Bld. Most class meetings will be at field locations.

Text and Materials:

Compton, Robert R., 1985, Geology in the Field, John Wiley and Sons, Inc p.398. (Recommended)

Course Requirements:

Ten Class Projects – Complete during the semester
Field Trip to Southern Oklahoma (April 16-19, 2020)

Program Learning Outcomes:

1. Demonstrate knowledge of fundamental geoscience concepts. (Concepts)
2. Execute geoscience procedures and methods accurately, appropriately, and safely. (Geoscience Skills)
3. Demonstrate proficiency in interpretation and communication of geoscience information. (Scientific Communication)
4. Apply geoscience concepts, skills, and scientific communication to identify, analyze, and interpret geoscience phenomena. (Research)
Student Learning Outcomes:

1. Learn to use the Brunton compass
2. Take accurate measurements with the Brunton compass
3. Construct cross sections, measured section and profiles
4. Construct geologic maps from field data

Course Calendar:

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<thead>
<tr>
<th>Date</th>
<th>TOPIC</th>
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<tbody>
<tr>
<td>01/16</td>
<td>Rock Garden Brunton Compass Project</td>
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<tr>
<td>01/23</td>
<td>Strike and Dip of Joints Project</td>
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<tr>
<td>01/30</td>
<td>Cross-bedding Project</td>
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<tr>
<td>02/06</td>
<td>Old Tyler Road Mapping Project</td>
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<tr>
<td>02/13</td>
<td>Pace and Compass Project</td>
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<tr>
<td>02/20</td>
<td>Pace and Compass Project (Drafting)</td>
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<td>02/27</td>
<td>Cross section- Slope Profile</td>
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<tr>
<td>03/05</td>
<td>Stratigraphic Section Project</td>
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<tr>
<td>03/12</td>
<td>Spring Break</td>
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<tr>
<td>03/19</td>
<td>ACAT Exam</td>
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<td>03/26</td>
<td>Van Certification</td>
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<tr>
<td>04/11</td>
<td>Stratigraphic Section Project</td>
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<td>04/18</td>
<td>Field Trip Southeastern Oklahoma</td>
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<tr>
<td>04/25</td>
<td>Local Mapping Project</td>
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<td>05/02</td>
<td>Local Mapping Project</td>
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<td>05/09</td>
<td>Local Mapping Project (Drafting)</td>
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Should there be a day when it is raining, making it impossible to go into the field, class will be held in Miller Science 326. If it is raining, check your campus email to see where class will be located.

Grading:

- Project 1. Rock Garden Exercise ___ 100 Points
- Project 2. Strike and dip of joints ___ 100 Points
- Project 3. Strike and dip of cross-bedding ___ 100 Points
- Project 4. Pace and Compass Map ___ 200 Points
- Project 5. Old Tylor Road Map ___ 100 Points
- Project 6. La Nana Creek Exercise ___ 100 Points
- Project 7. Stratigraphic Project ___ 100 Points
- Project 8. Southern Arbuckle Mts. Map ___ 100 Points
- Project 9. Northern Arbuckle Mts. Map ___ 100 Points
- Project 10. Local Mapping Project ___ 200 Points
TOTAL POINTS  ____ 1200 Pts Possible

____% (Your total points divided by the points possible.)
100-90% = A  89-80% = B  79-70% = C  69-60% = D 59-0% F

Attendance Policy:

Do not miss scheduled classes unless you have a doctor’s excuse or official university excuse.

Academic Integrity (A-9.1)

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp

Withheld Grades Semester Grades Policy (A-54)

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.
The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be passing the course with a minimum projected grade of C.

**Students with Disabilities**

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).