GEOL 485/685 – CEE 432/632 Fall 2011

T-TH 7:00 - 8:15 PM, LFG 105

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Office Hours: Monday 2:30 - 3:30 PM, Tuesday 3:00 - 4:00 PM, and by appointment

Course Format: Lecture/discussion twice a week
1-3 practical sessions may be scheduled outside of class

Required reading: Handouts, downloads, and library reserve (to be announced)

Tentative List of Topics to be Covered

Scope of Engineering Geology/Geological Engineering
Professional ethics and responsibilities
Engineering properties of rocks/minerals
Rock mass properties
Rock slope stability
Engineering properties of soil
Soil slope stability
Seepage/drainage
Erosion control
Site investigation

Grading policy:

Final grades will be assigned according to the following schedule. The instructor may also elect to curve grades in the students favor.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Semester average</th>
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<tbody>
<tr>
<td>A- to A</td>
<td>90 to 100</td>
</tr>
<tr>
<td>B- to B+</td>
<td>80 to 89</td>
</tr>
<tr>
<td>C- to C+</td>
<td>70 to 79</td>
</tr>
<tr>
<td>D- to D+</td>
<td>60 to 69</td>
</tr>
<tr>
<td>F</td>
<td>below 60</td>
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Final Grades will be computed as follows:

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Exam 1 (10/6/11)</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 2 (11/10/11)</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam (12/13/11, 8:10 - 10:10 PM)</td>
<td>20%</td>
</tr>
<tr>
<td>Assignments</td>
<td>40% (see note below)</td>
</tr>
</tbody>
</table>

Notes: Students registered for graduate credit will be expected to complete a more extensive set of assignments than those registered for undergraduate credit. The graduate exams may also differ from the undergraduate exams.

Changes to Syllabus:

The lecture schedule is tentative, adjustments will be made in accordance with the rate of progress in the classroom. The instructor also reserves the right to change a lecture topic to reflect world events. Students will be provided with an updated syllabus if significant changes are necessary.
Logistics and Policies

1. Participation
I expect that students will come to this class with very different backgrounds and levels of educational training. As a result, you may find some material difficult, feel that you are already familiar with some of the concepts, or have personal experiences that can inform us all. Whatever your situation, please share your position with us through class participation. Most importantly, however, if you are confused about a concept, please ask questions in class for clarification and further explanation. You will not be alone in your confusion. There are many ways to present this material, and I will attempt to find one that works for you. If you do not feel comfortable asking questions in class, please contact me.

2. Attendance
It is important that you attend class daily because we cover a lot of material, and I will provide guidance for reading assignments and exam questions regularly. You are responsible for all material covered in lectures no matter what causes your absence. If you miss a lecture, get the notes from a classmate. If you are absent from a scheduled exam without a written medical, military, or university excuse, you will receive a zero for that exam. If a make-up exam is required due to the excuses listed above, the nature of the make-up exam will be at my discretion. The final exam is required of all students.

3. Official Extracurricular Activity
All students who represent UNLV at any official extracurricular activity have the opportunity to make up an assignment. However, you must provide official written notification to me at least 1 week prior to the missed class(es).

4. Religious Holidays
Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor no later than the last day of late registration of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. This policy shall not apply in the event that administering the test or examination at an alternate time would impose an undue hardship on the instructor or the university which could have been avoided. For additional information, please visit: http://catalog.unlv.edu/content.php?catoid=4&navoid=164.

5. Academic Misconduct
Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution.

An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the Student Academic Misconduct Policy (approved December 9, 2005) located at: http://studentconduct.unlv.edu/misconduct/policy.html.

6. Administrative Drops/Classroom Conduct
You are required to be familiar with university policies and procedures in the current UNLV Undergraduate Catalog. Importantly, we follow the policies on Administrative Drops/Classroom Conduct that are stated in the most recent UNLV Undergraduate Catalog. If a student does not comply with these requirements and conducts themselves in a manner that is disruptive and interferes with the right of other students to learn or of the instructor to teach will be administratively dropped from the course.

7. Learning Environment
The classroom is intended to be a place of learning. As such, and as specified in the UNLV Undergraduate Catalog, no pagers, cell phones, or other potentially disruptive devices are allowed in either lecture or laboratory. Student usage of laptop computers or similar devices is only allowed with explicit permission of the instructor, and is restricted to taking notes for this course. Disruptive behavior such as those described above, chatting, sleeping, watching video, playing games or texting may result in an administrative withdrawal from the course.

8. Bringing guests to class
Students are not allowed to bring guests, including children to any class session.
9. Disability Services (DS)
The Disability Resource Center (DRC) determines accommodations that are “reasonable” in promoting the equal access of a student reporting a disability to the general UNLV learning experience. In so doing, the DRC also balances instructor and departmental interests in maintaining curricular standards so as to best achieve a fair evaluation standard amongst students being assisted. In order for the DRC to be effective it must be considered in the dialog between the faculty and the student who is requesting accommodations. For this reason faculty should only provide students course adjustment after having received this “Academic Accommodation Plan.” If faculty members have any questions regarding the DRC, they should call a DRC counselor.

UNLV complies with the provisions set forth in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. The DRC is located in the Student Services Complex (SSC-A), Room 143, phone (702) 895-0866, fax (702) 895-0651. For additional information, please visit: http://drc.unlv.edu/.

10. Writing Center
One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 895-3908. The student’s Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: http://writingcenter.unlv.edu/

11. Copyright Issues
The University requires all members of the University Community to familiarize themselves and to follow copyright and fair use requirements. You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws. Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: http://provost.unlv.edu/copyright/.

12. Nondiscrimination
The University of Nevada Las Vegas does not discriminate on the basis of race, color, creed, religion, national or ethnic origin, gender, age, sexual orientation, disability, or veteran status.

13. Tutoring
The Academic Success Center (ASC) provides tutoring and academic assistance for all UNLV students taking UNLV courses. Students are encouraged to stop by the ASC to learn more about subjects offered, tutoring times and other academic resources. The ASC is located across from the Student Services Complex, #22 on the current UNLV map. Students may learn more about tutoring services by calling (702) 895-3177 or visiting the tutoring web site at: http://academicsuccess.unlv.edu/tutoring/.

14. Rebelmail
By policy, faculty and staff should e-mail students’ Rebelmail accounts only. Rebelmail is UNLV’s Official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students’ e-mail prefixes are listed on class rosters. The suffix is always @unlv.nevada.edu.