Sedimentology and Stratigraphy  GEOS 4534  LECTURE SYLLABUS

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CONTENT:
1) Weathering and Soils- Chap. 1
2) Transport and Deposition of Siliciclastic Sediment- Chap. 2
3) Sedimentary Textures and Structures- Chaps. 3 & 4
4) Siliciclastic Sedimentary Rocks: Classification, Composition, and Diagenesis- Chap. 5
5) Carbonate Sedimentary Rocks: Classification, Composition, and Diagenesis- Chap. 6
6) Other Sedimentary Rocks- Chap. 7
7) Sequence Stratigraphy- Chap. 13
8) Lithostratigraphy- Chap. 12
9) Depositional Environments- Chaps. 9, 11

Final Exam- Monday, May 7, 8am

CLASSROOM AND ATTENDANCE POLICY:
Attendance is required; please be on time and do not leave early. Students with 3 or more lecture absences may be dropped from the course. Please refer to the MSU Student Handbook for university policies related to student responsibilities, rights, and activities. Students with disability must be registered with the Disability Support Services before classroom accommodations can be provided.

GRADING POLICY:
Lecture: 75% of course grade. Lecture grade consists of three exams, each worth 25%.
Laboratory: 25% of grade.

LECTURE OBJECTIVES:
Integrate the fundamental principles of sedimentology and stratigraphy in order to provide students with a working knowledge of these subjects.