

Office of Academic Affairs
Tarleton State University
July, 2002

Master Course Syllabus Outline

Department: Chemistry, Geosciences & Environ. Sci. **Course Prefix/Number:**GEOL486

Official Course Title: Problems

Master Syllabus Approved by Department on: ____/____/____
Month date year

I. Catalog Description (50 words; brief synopsis of course content, emphases)

A course open to capable Geology and Earth Science students. Topics may vary according to student need. May be repeated for credit, subject to the approval of the department head.
Prerequisite: Junior classification and approval of department head.

II. Prerequisites?

Junior classification.

III. Expanded Course Description (150 words; primary course content, intended student level and role(s) course is to play in the curriculum)

Geology problems courses are taught by all geoscience faculty members to address specific needs for our students. GEOL 4861 is taught almost every semester, which is the TExES review course for student teachers. This course reviews geology and earth science material to better prepare potential teachers for the exit exams for teacher certification. Other common topics are volcanology and vertebrate paleontology.

IV. Intended Student Learning Outcomes? Required; knowledge outcomes (what students who successfully complete the course will be expected to know). Optional; skill outcomes (what students who successfully complete the course will be able to do). Optional; value outcomes (what students who successfully complete the course will value or appreciate).

Knowledge Outcomes.

Problems courses allow the student to pursue knowledge in areas not typically covered in their other college courses. This is especially valuable for students exploring career paths, and will develop their skills in pursuit of these goals.

Value Outcomes.

Problems courses broaden the student's awareness, and hopefully assists them in understanding, and possibly better appreciating, the world around them.

V. Unless otherwise stipulated in this master syllabus by the department, the following items are subject to faculty discretion as described in each faculty member's individual course outline/syllabus:

a) Course Requirements? (grading/evaluation procedures; class attendance policy; term papers, projects, field assignments; examinations; class participation, etc.).

Grading varies, depending on the topic and instructor, but often consists of the averages of several lecture tests and a final exam, and/or independent study in topics resulting in the formulation of a research paper or papers.

b) Required Text(s)?

A text is required in some courses. In the TExES problems course, course notes are provided which outline the fields of geology and earth science.

c) Bibliography?

Department Head Signature/Date:

Signature

_____/____/_____
Date