A course syllabus is not the same as a course outline. A course syllabus outlines the general requirements for a course. A course outline is the specific document created by the individual faculty member to distribute to a specific course section. This is an “abbreviated” course syllabus because it is only collecting information on the course number, title, description, and learning outcomes. Please submit this completed form electronically to Dean Britton.

PLEASE NOTE: Any changes made to the Course Number, Title, or Catalog Description must go through the regular faculty governance process. This Expedited Process of Approval, which expires in March 2012, only pertains to approval of the Learning Outcomes. Therefore, this is NOT the form to be used to change course numbers, titles, or descriptions. This is NOT the form to use for proposing a new course. (See the Governance website for those types of proposals.)

I. Course Number and Title:

ESC 251 – Geological Field Studies

II. Catalog Description:

Familiarizes students interested in geology with field methods in various geologic environments. Topographic maps and aerial photos used in conjunction with study of stratigraphic sections and structural relationships. Fossil assemblages, weathering and erosional features are studied. Credits vary with duration of course. (Any travel expenses are responsibility of student.) (3 hrs. lecture, 2 hrs. laboratory.) Offered on: A- / 1-4 cr. hrs.

III. *Learning Outcomes: (Main concepts, principles, and skills you want students to learn from this course) The Learning Outcomes listed here should be considered the minimum core outcomes for the course. Many other learning outcomes may also be a part of the learning experience within the course.

Upon completion of this course, students will be able to:

- Identify common minerals and rocks in the field
- Distinguish between igneous, metamorphic and sedimentary rocks in the field
- Collect and analyze geologic data
- Produce accurate geologic maps
- Collect surface elevation data.
- Produce topographic maps from elevation data
- Utilize remote sensing data to analyze geologic formations
- Interpret geologic maps and cross-sections, and identify geologic structures
- Identify fossil assemblages.
- Understand basic hydrogeologic principles and techniques of ground water sampling

*These statements must appear verbatim in course outlines. However, additional outcomes may be added to individual course outlines at the instructor’s discretion.

Revised 1/10
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Name of Discipline Lead:__________________________________

Discipline Vote:
For__________  Against__________  Abstention__________

Date of Vote:__________

_(Initial and Date)_________  Certification of Vote by AVP of Academic Affairs

_(Initial and Date)_________  Certification of Vote by College Curriculum Chair

*These statements must appear verbatim in course outlines. However, additional outcomes may be added to individual course outlines at the instructor’s discretion.

Revised 1/10