

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore, <http://www.labette.edu/bookstore>, for the required texts for this class.

<u>COURSE NUMBER:</u>	PHSC 101
<u>COURSE TITLE:</u>	PHYSICAL GEOLOGY
<u>SEMESTER CREDIT HOURS:</u>	5
<u>DEPARTMENT:</u>	Physical Science
<u>DIVISION:</u>	General Education
<u>PLACEMENT TEST LEVEL:</u>	General Education Course Placement
<u>PREREQUISITE:</u>	None
<u>REVISION DATE:</u>	4/8/2016

COURSE DESCRIPTION:

Physical Geology studies planet Earth and its physical, chemical and biological attributes. Emphasis will be on the mid-continent geographic region and Kansas in particular. Locally minerals, rocks and hydrological systems will be investigated.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this class will be able to:

1. Explain the nature of scientific inquiry.
2. Identify and describe a range of Earth materials, including minerals, rocks, soils, and fossils.
3. Discuss basic geologic principles including Geologic Time and Plate Tectonics.
4. Interpret geologic features in terms of Earth system processes and cycles, including tectonic, water, and rock cycles.

5. Identify and evaluate the origin and nature of resources.

6. Identify, classify, and differentiate geologic samples.

7. Read and interpret topographic and geologic maps.

8. Use appropriate tools to investigate and analyze geologic problems.