Course Syllabus

Mineral Area College

Earth Science I

Course Name: Earth Science I – PHS242
Credit: 3 Hours
Instructor: Bill Mayberry
Office Phone: 573/438-2156
E-Mail: Billrdt@yahoo.com
Office Hours: Tuesday 6:00 – 6:30 p.m. *Other hours by appointment
Room: TBA

Course description: This course is an introduction to the earth sciences emphasizing the structure, materials, history and the processes that occur shaping in shaping the earth in addition to an introduction into oceanography. The class meets once weekly.

I. Textbooks:
The following textbook will be used:

II. Course Objectives: At the completion of the course the student will have encountered situation where the following were experienced.

A. Provide a basic understanding of geology and oceanography.
B. Develop the technical vocabulary necessary to understand and correctly use terminology specific to geology, geomorphology, surficial processes and oceanography.

III. Learning Experiences

A. Students will take part in lecture, discussions coordinated with reading assignments in the text.
B. Students will view various visual materials to stimulate interest, clarify course concepts and enrich course content.
C. Students will complete a weekly class assignment to aid in the understanding and application of the earth sciences
IV. Special Needs Services
If you have special needs as defined by the American with Disabilities Act and need the test
Or course materials provided in an alternative format, notify the instructor immediately.
Reasonable efforts will be made to accommodate your special needs. Special Needs services is
located in Room AS 103 on the MAC campus.

V. Attendance
In accordance with the College policy, the student will be dropped from the class for
nonattendance after two consecutive weeks of unexcused absences. Students that are absent the
day of a test must contact the instructor in writing (e-mail) within five school days to make-up the
test. The make-up test may be different than the one given to the class. Students are expected to
have the assigned chapter read and weekly assignment completed at the start of each class. It is
the student’s responsibility to contact the instructor or Judy East – Potosi Campus Coordinator.
(573/438-2156) if there is a conditions that would result in more than two consecutive days absent.

VI. Grading

<table>
<thead>
<tr>
<th>Test - 100 Points Each</th>
<th>500 Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Assignments</td>
<td>300 Points</td>
</tr>
<tr>
<td>Attendance</td>
<td>100 Points</td>
</tr>
<tr>
<td>Final</td>
<td>100 Points</td>
</tr>
</tbody>
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VII. Course Outline

Week 1: Course Overview/Sl Review
Week 2: Introduction to Earth Sciences – Chapter 1
Week 3: Minerals – Chapter 2
Week 4: Rocks – Chapter 3
       Test #1
Week 5: Weathering & Mass Movement – Chapter 4
Week 6: Surface & Ground Water – Chapter 5
Week 7: Glaciers and Wind Erosion – Chapter 6
       Test #2
Week 8: Plate Tectonics – Chapter 8
Week 9: Earthquakes – Chapter 7
Week 10: Igneous Activities – Chapter 9
        Test #3
Week 11: Mountain Building: - Chapter 10 & Geologic Time - Chapter 11
Week 12: Earth History - Chapter 12
        Test #4
Week 13: Ocean Floor – Chapter 13
Week 14: Ocean Waters & Ocean Life – Chapter 14
Week 15: The Dynamic Ocean – Chapter 15
        Test #5
Week 16: Final - Comprehensive