Midland College Syllabus
2018 - 2019
GEOL 1404
Historical Geology Lecture
4 Semester Credit Hours
(3 Lecture/3 Lab)
Core Curriculum Course

Instructor Information:
Instructor: Click here to enter text. Office: Click here to enter text.
Phone: Click here to enter text. Email: Click here to enter text.
Office Hours: Click here to enter text.

Notice: Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity may be reported as never attended and dropped from the course.

Course Description:
A comprehensive survey of the history of life and major events in the physical development of Earth as interpreted from rocks and fossils. Prerequisite: Geology 1403.

Core Objectives:
This course fulfills four hours of the Life and Physical Science requirement in the Midland College Core Curriculum. The Core Curriculum is a set of courses that provide students with a foundation of knowledge, skills and educational experiences that are essential for all learning. The Core Curriculum is available in the Midland College Catalog. As part of the core, this course addresses the following four objectives:

Critical Thinking Skills – Students will demonstrate critical thinking skills by exploring the how and why of the physical processes and interactions of the earth systems by course assignments, class projects and instructor created regular and final exams.

Communication Skills – Students will demonstrate communication skills by instructor mediated discussions and student presentations.

Empirical and Quantitative Skills – Students will demonstrate empirical and quantitative skills as the acquire knowledge in recognizing and describing physical properties of minerals and rocks and by learning the process of interpreting maps.
Teamwork - Students will demonstrate teamwork by group assignments in lecture and gathering and analyzing data in laboratory assignments.

Text, References and Supplies:

Student Learning Outcomes:
Upon successful completion of this course, students will:
1. Describe how the application of the scientific method has led to our current understanding of Earth history.
2. Explain the historical development of Geology as a science and how it was influenced by early interpretations of fossils and the theory of evolution.
3. Communicate how principles of relative and numerical age dating have been used to develop the Geologic Time Scale.
4. Describe the processes involved in the formation and differentiation of the Earth and identify major milestones in the physical evolution of the planet.
5. Identify the major milestones in the evolution of life from its initial inorganic stages, through development of the major animal and plant groups, to mass extinctions.
6. Explain how rocks and fossils are used to interpret ancient environments.
7. Identify the major tectonic events in the geologic evolution of North America.

Student Contributions, Responsibilities and Class Policies:
Students will be expected to comply with the policies outlined in the Midland College student handbook. Instructor policies concerning attendance and academic behavior are consistent with the policies in the student handbook (See Instructor Handout). Regular attendance is required to do well in this class.

Attendance Policy:
It is the responsibility of the students to know the policies and procedures associated with absences. These policies are set by instructors. Excused absences may include, but are not limited to, illness, severe weather, and death in the family. Instructors will determine whether or not an absence is excused. Please visit the Midland College Catalog

Withdrawal Policy:
Students who have enrolled in a Texas public institution of higher education as a first-time freshman in fall 2007 or later are permitted to drop no more than six courses during the entire undergraduate career. This limit includes all transfer work taken at a Texas institution of higher education and to second baccalaureate degrees. This statute was enacted by the State of Texas in spring 2007 (Texas Education Code 51.907). Any course that a student drops after Census Day is counted toward the six-course limit if "(1) the student was able to drop the course
without receiving a grade or incurring an academic penalty; (2) the student’s transcript indicates or will indicate that the student was enrolled in the course; and (3) the student is not dropping the course in order to withdraw from the institution.” Please visit the Midland College Catalog

**Scholastic Dishonesty:**
Midland College does not tolerate scholastic dishonesty or academic misconduct in any form. Please read the MC Student Handbook on this subject. Please visit the Midland College Catalog

**Evaluation of Students:**
The final grade will be determined on the basis of: 75% from the lecture portion of the course and 25% from the laboratory portion. The proposed distribution of the course grade system is shown below.

- Homework, Quizzes & Participation 0%-20%
- Lecture Exams 80%-100%

Students will be evaluated based on the results of all coursework given throughout the semester. Your lecture instructor will inform you on the first day of class as to the tentative dates and content of the course. Students are expected to complete all assignments and exams. There will be no make-up exams. In case of student participation in a scholastic event or other foreseen excusable absence, the instructor may grant permission to take an exam early.

Grades will be determined using the grading ranges as follows: A=90-100, B=80-89, C=70-79, D=60-69, and F=below 60. Class participation and attendance will also be considered.

**Course Schedule:**
This class meets for 3 lecture hours per week and 3 lab hours per week. For a tentative schedule of the class meetings and material to be covered during those meetings, please refer to the schedule distributed to each student on the first class meeting (See Instructor Handout).

**ADA Statement:**
Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist.
Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individuals have
been designated to handle inquiries regarding the non-discrimination policies:

Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. For further information on notice of non-discrimination, visit http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm or call 1 (800) 421-3481.

Spanish

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias: Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. Para más información sobre estas políticas no discriminatorias, visite http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm o llame al 1 (800) 421-3481.

Math/Science Division Information:
Division Dean: Dr. Margaret Wade 125 AHSF 432-685-4615
Program Chair: Mr. Antony Giles 117 AHSF 432-685-5580
Division Secretary: Mrs. Evelyn Pritchard 124 AHSF 432-685-6404
Division Clerk: Ms. Sarah Anderson 124 AHSF 432-685-4561

Contents
Midland College Syllabus ................................................................................................................................. 1

Instructor Information: ................................................................................................................................. 1

Instructor: ................................................................................................................................................... 1
Phone: ...................................................................................................................................................... 1
Office Hours: .............................................................................................................................................. 1
Notice .......................................................................................................................................................... 1
Course Description: ................................................................................................................................. 1
Core Objectives: ........................................................................................................................................ 1
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical Thinking Skills</td>
<td>1</td>
</tr>
<tr>
<td>Communication Skills</td>
<td>1</td>
</tr>
<tr>
<td>Empirical and Quantitative Skills</td>
<td>1</td>
</tr>
<tr>
<td>Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>Text, References and Supplies</td>
<td>2</td>
</tr>
<tr>
<td>Student Learning Outcomes</td>
<td>2</td>
</tr>
<tr>
<td>Student Contributions, Responsibilities</td>
<td>2</td>
</tr>
<tr>
<td>and Class Policies</td>
<td></td>
</tr>
<tr>
<td>Attendance Policy</td>
<td>2</td>
</tr>
<tr>
<td>Withdrawal Policy</td>
<td>2</td>
</tr>
<tr>
<td>Scholastic Dishonesty</td>
<td>3</td>
</tr>
<tr>
<td>Evaluation of Students</td>
<td>3</td>
</tr>
<tr>
<td>Course Schedule</td>
<td>3</td>
</tr>
<tr>
<td>ADA Statement</td>
<td>3</td>
</tr>
<tr>
<td>Math/Science Division Information</td>
<td>4</td>
</tr>
</tbody>
</table>