GEOL 1401, Section 25401 Summer 2019

### General Info
- **Course Specific Data**
  - GEOL 1401: Brookhaven College, Dallas County Community College District

### Instructor
- **E-mail:** Dr. Pak Chagarlamudi
  - Pakiraiah@dccc.edu

### Course Information
- **Course Number:** GEOL 1401
- **Section Number:** Lecture – 25401
- **Credit Hours:** 4
- **Class Meeting Time/Location:** online
- **Course Title:** Earth Science

### Course Description:
The Texas Academic Course Guide Manual (ACGM) lists GEOL 1401 as, “Survey of physical and historical geology, astronomy, meteorology, oceanography, and related sciences.” This course is for the non-science major. It covers the interaction of the earth sciences and the physical world. Physical and historical geology, oceanography, and meteorology are included. Emphasis is placed on a better understanding of earth processes and man.

### Course Prerequisites
- **Developmental Reading 0093 or English as a Second Language (ESOL) 0044 or have met the Texas Success Initiative (TSI) standard in reading.**

### Course Objectives and Learning Outcomes
- **Core Objectives:** Through the Texas Core Curriculum, students will prepare for contemporary challenges by developing and demonstrating the following core objectives:
  - (A) Critical Thinking Skills: to include creative thinking, innovation, inquiry and analysis, and the evaluation and synthesis of information;
  - (B) Communication Skills: to include effective development, interpretation and expression of ideas through written, oral, and visual communication;
  - (C) Empirical and Quantitative Skills: to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions;
  - (D) Teamwork: to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal.

- **Student Learning Outcomes (SLOs)** are based on the Core Objectives as indicated above. Students will be able to:
  - **Lecture objectives:**
   1. Explain the current theories concerning the origin of the Universe and of the Solar System.
   2. Explain the place of Earth in the Solar System and its relationships with other objects in the Solar System.
   3. Relate the origin and evolution of Earth’s internal structures to its resulting geologic systems, including Earth materials and plate tectonic activities.
   4. Explain the operation of Earth’s geologic systems and the interactions among the atmosphere, the geosphere, and the hydrosphere, including meteorology and oceanography.
   5. Explain the history of the Earth including the evolution of earth systems and life forms.
  - **Lab objectives:**
   1. Classify rocks and minerals based on chemical composition, physical properties, and origin.
   2. Apply knowledge of topographic maps, diagrams, and/or photographs to identify landforms and explain the processes that created them.
   3. Differentiate the types of plate boundaries, explain the processes that occur at each and identify associated structural features on maps, block diagrams and cross sections.
   4. Apply relative and numerical age-dating techniques to construct geologic histories.
   5. Measure atmospheric processes that affect weather and climate.
   6. Describe the composition and motion of ocean water and analyze the factors controlling both.
   7. Compare properties and motions of objects in the solar system.
   8. Demonstrate the collection, analysis, and reporting of data.

### Required Texts, and Resources
  - Publisher: Pearson; ISBN-10: 0-321-93452-0
- **3- Computer with access to Internet, and a scanner (completed lab exercises will be accepted only in PDF format).**
**Evaluation Procedures**

<table>
<thead>
<tr>
<th>Method of Evaluation:</th>
<th>Point Value</th>
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<tbody>
<tr>
<td>8 chapter quizzes @ 30 points each (24% of overall grade)</td>
<td>= 240</td>
</tr>
<tr>
<td>3 tests @ 100 points each (30% of overall grade)</td>
<td>= 300</td>
</tr>
<tr>
<td>Final (comprehensive) exam (@100 points, 10% of overall grade)</td>
<td>= 100</td>
</tr>
<tr>
<td>3 discussion boards @ 30 pts each (9% of overall grade)</td>
<td>= 90</td>
</tr>
<tr>
<td>9 lab reports – LR# (1 … 23) @ 30 pts each (27% of overall grade)</td>
<td>= 270</td>
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</tbody>
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**Course Total Points = 1000**

<table>
<thead>
<tr>
<th>Grade Scale</th>
<th>Total Points</th>
<th>Grade Scale</th>
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<tbody>
<tr>
<td>90-100</td>
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</tr>
<tr>
<td>80-89</td>
<td>800-899</td>
<td>B</td>
</tr>
<tr>
<td>70-79</td>
<td>700-799</td>
<td>C</td>
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<tr>
<td>60-69</td>
<td>600-699</td>
<td>D</td>
</tr>
<tr>
<td>0-59</td>
<td>0-599</td>
<td>F</td>
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**Course Outline**

Lecture, Lab, and assignment schedules will be available in course page of Blackboard.

**Attendance Policy**

Keeping up with the lecture and lab activities is on your own time. “You are expected to attend regularly all classes in which you enroll. You have the responsibility to attend class and to consult with the instructor when an absence occurs.” See the DCCCD catalog for more details.

**Course Drop Date:**

The last day to withdraw from a class without a grade is **Tuesday, 6/25/2019.**

**ASSESSMENTS: Tests/Exams & Assignments**

Reading – To get here, click on the Course Lecture (or Lab) Content area, and then click on the correct module. This is designed to provide the student with an understanding of the course information.

PowerPoint slides are available for further understanding and to help hit the highlights for what will be covered on the tests. PowerPoint slides can be found within each module for each chapter. Reading the Chapter Summary at the end of the each chapter is also helpful in preparation for the quizzes and tests/exams.

Link to a textbook companion site (for an older edition) is provided under the “weblinks” tab as well as in the Course Lecture Content area.

Tests/Exams – There are three tests worth 100 points each, besides the final comprehensive exam which is also worth 100 points. **You will have 60 min to take the tests and 120 minutes to take the final exam.** Once you open the exam, be prepared to complete it. If you take half the exam and then log off, you will NOT be able to finish the test. Please refer to highlighted bullet points under the Other Important Information of this syllabus.

The test/exam deadlines are as follows:

- **Test 1** – Sunday, 6/16, Midnight
- **Test 2** – Tuesday, 6/25, Midnight
- **Test 3** – Tuesday, 7/2, Midnight
- **FINAL (COMPREHENSIVE)** – WEDNESDAY, 7/3, Midnight

Test/exams are available in the "Assessments" tab. They will not be accessible after the stated deadline has passed. I've included some testing tips (eCampus Test Tips) in the next section under Other Important Information.
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**ASSESSMENTS: Tests/Exams & Assignments**

To increase security, Test/Exam must be taken using ‘Respondus’ software. All you need to do is download (see, next para) Respondus for free from the link in Blackboard onto your computer. When you decide you are ready to take one of the tests/exams, select the Respondus icon and your browser will open up and lock down all of the windows on your computer, allowing you only access to the test or exam until it is submitted. The tests/exams are timed, you have to know the material before attempting the test- no supplementary supplies are allowed, all tests and exams are considered closed-book!

**Directions for accessing the “Respondus” download link**: When you log onto e-campus, there are Icons to your left under TOOLS. About the ninth one down, under tools, is Respondus Lockdown Browser...Click that! It will take you to an installation page. On the installation page, you will select the operation system that your computer is using. If you are using Windows...Click on Windows, the same if you are using Macintosh. You should select one OR the other. From there, once the installation has downloaded, you will need to sign into e-campus again through the Respondus software that you downloaded. You will not be able to view any other pages except those that are in e-campus. Find the test that you need to take and that’s it!!

1.) Discussion Board – There are three discussion questions posted under the Discussion Board link. You will respond to the question posted, as well as respond to ONE student’s response. Each discussion question is worth 30 points. Your postings will be graded according to the criteria stated in the introduction to the discussion board.

2.) Labs – Specifics on completing the lab assignments are provided in each of the lab exercises.

**Other Important Information**

• You are strongly encouraged to carefully read course orientation available on Blackboard under the tab with the same name.

• I want you to know that a 4-credit hour face-to-face course with lab demands 20 hours of effort in addition to the 20 contact hours per week, over a 4-week term. That is, for an average student, a total of about 160 hours for the course. This time allocation is serious and challenging for many.

• This is a 100% online course. You are free to schedule your class time any way you wish. But, with this freedom comes responsibility! Manage your time wisely. This is a serious college-level science course. Do not put everything off to the last minute.

• I recognize that Internet connection problems and/or computer trouble do occur from time to time, but these are not valid excuses for failing to complete the work on time. For those that live in the Dallas area, the campus computing center (J Building) is open during regular campus hours.

• Unless otherwise indicated, all quizzes/tests/exam are timed.

• Purchasing all materials for this course is NOT optional. You must have your books and materials within the first week of the course. If you are unable to purchase them in a timely fashion, you will not be able to complete the assignments without them.

• The class is divided into three modules. If you need an extension for an assignment (other than an exam), you need to request it BEFORE the deadline. However, once the deadline has passed for each module, you will no longer be able to access the quizzes and exam within that module, so please do not ask me to reopen a quiz or exam for you once the deadline for that module has passed. There are NO MAKEUP exams or quizzes once a module has closed, unless explicitly permitted.

Do not wait until the (due date) last day to take an exam/test. You need to give yourself plenty of time just in-case you need to email me due to a problem (if your exam needs resetting due to a computer problem, it will show up in the Grade Center as a pencil/paper looking icon). Please understand if you need an exam reset on the due date of an exam/test, you may not receive it.

• When taking tests/exam, I realize there may be a time that I will have to reset your tests/exam (not quizzes), because your computer shuts down or internet connection freezes. Please be aware of my exam policy: I will gladly reset your tests (not the final exam) one time, if necessary, but after that, your score will be reduced by 50% if you ask me to reset it. With documented evidence, this is one exam reset the entire semester, not one reset per test/exam, with documentary evidence. Please know that if I reset an exam for you that you will receive a completely different exam with different questions than what you had before.

Stand on Make-up Work:

Although this is an online course, there are deadlines to meet each week. I would highly advise you to work ahead of the schedule I have listed.
I will only allow students to make up work (excluding exams) in extreme circumstances (severe illness, death of a family member, etc.), but you must contact me BEFORE the deadline or it will be too late, no matter what the excuse is. **Once the deadline has passed for each module, then you will no longer be able to access the quizzes and exam within that module, no matter the excuse.**

If you think you will NOT be able to access eCampus on certain weeks, please work ahead, as it is unacceptable to ask for deadline extensions.

**eCampus Test Tips**

***eCampus has a 3 hour session time limit. If you have been logged in for some time before taking an exam, please logout and close your browser, then reopen your browser and login to take your exam.***

- Check your Java settings, if more than 1 version exists, then remove the older versions. To check versions, do the following:
  - Click on Start>Control Panel>Add or Remove Programs>Look for J2SE Runtime Environment. Use at least a Firefox 2.0 browser.
  - Turn off popup blockers and antivirus software while taking exams.
  - Turn off the Visual Text Box Editor. When logged into eCampus, under MY DCCCD tab, in the TOOLS box, click on Personal Information>Set Visual Text Box Editor Options>then Unavailable and click Submit.
  - Wait for all questions to load before starting the exam.
  - Use Save buttons sparingly.
  - Single click the Submit button and wait until you get a confirmation.
  - If you have issues with your tests, contact me, and then contact Technical Support for help at 1-866-374-7169.

**Things NOT to do while taking tests/exam on eCampus:**

- DO NOT use the back button.
- Don’t resize or refresh your browser window.
- Don’t wait until the last few hours to take your exams.
- Don’t run any other applications (e.g.iTunes, IM programs, email notification, Skype, etc)
- Don’t use a wireless internet connection.
- Don’t use the return/enter key.
- Don’t double click exam links or buttons.
- Don’t attempt to access other WebPages while taking exams.
- Don’t use AOL browsers.

**Accessing Your Grades:** After the deadline for an assignment, I will have your grades posted usually within a week (if you turn it in early, that is fine, just know that I may not have it posted until a week after the deadline for that particular assignment.) You can access your grades through the “Tools” area, click on “My Grades”.

<table>
<thead>
<tr>
<th>Institutional Policies</th>
<th><a href="http://www.brookhavencollege.edu/employees/faculty/Documents/BCSyllabus_Addendum.pdf">http://www.brookhavencollege.edu/employees/faculty/Documents/BCSyllabus_Addendum.pdf</a></th>
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<tbody>
<tr>
<td>Computer Use Policy</td>
<td>In case you utilize campus computers, please read and accept the computer use policy for the district under the student code of conduct at <a href="http://www1.dcccd.edu/cat0406/ss/computer.cfm">http://www1.dcccd.edu/cat0406/ss/computer.cfm</a></td>
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</tbody>
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