

## Earth Science Lecture Syllabus for 10th edition

**No make-up exams  
will be given.  
NO EXCEPTIONS!!!**

This page only provides a list of pages from the 10th edition of the textbook that correspond to the assigned readings. For all other syllabus information -- including the dates of the reading assignments, consult the current syllabus for the course at: <http://frank.mtsu.edu/~cdharris/GEOL100/G1030Sylb.htm> (caps & lower case must be exact!)

<< **Schedule summary** >>

| Topic no. | Date(s)                        | Topic(s)   | Readings<br>(Ch. & pg's, Tarbuck & Lutgens) |
|-----------|--------------------------------|--|---|
| 1         | see the current course syllabs | <b>Textbook: Introduction; On-line readings: *Rocks &amp; Rock Cycle; Earth Science Primer ; Study guide</b> | p. 1-16 & 40-42; WWW documents              |
| 2         | " " " " "                      | <b>Minerals</b>  | Chapter 1 + p. 60-63                        |
| 3         | " " " " "                      | <b>Plate Tectonics - Parts I &amp; II</b>  | Chapter 7                                   |
| 4         | " " " " "                      | <b>Igneous Rocks</b>   | Chpt. 2 (p. 42 - 48 only)                   |
| 5         | " " " " "                      | <b>Igneous Activity</b>  | Chapter 8 + p. 272-278                      |
|           | " " " " "                      | <b>Exam 1: Topics 1 - 5 (Bring a #2 pencil!)</b>   |   |
| 6         | " " " " "                      | <b>Weathering, Sedimentary Rocks, (&amp; *Erosion)</b>   | p. 47-55 & 68-74                            |
| 7         | " " " " "                      | <b>Structural geology</b>  | Chapter 9                                   |
| 8         | " " " " "                      | <b>Mountain Building</b>   | p. 269-281                                  |
| 9         | " " " " "                      | <b>Metamorphic Rocks</b>   | p. 55-60                                    |
| 10        | " " " " "                      | <b>Earthquakes &amp; Earth's Interior</b>  | Chapter 6                                   |
|           | " " " " "                      | <b>Exam 2: Topics 6 - 10 (Bring a #2 pencil!)</b>  |   |
| 11        | " " " " "                      | <b>Soils (and *Landscapes &amp; Mass wasting)</b>  | Chpt. 3 (p. 74 - 93 only)                   |
| 12        | " " " " "                      | <b>Surface water &amp; Groundwater activities</b>  | Chapter 4                                   |
| 13        | " " " " "                      | <b>Historical Geology &amp; TN geological history</b>  | Chapter 10                                  |
| 14        | " " " " "                      | <b>Marine environments, processes, &amp; features</b>  | Chapters 12 & 14 + p. 356-357 (Chpt. 13)    |
|           | " " " " "                      | <b>Exam 3: Topics 11 - 14 (Bring a #2 pencil!)</b>   |   |
| 15        | " " " " "                      | <b>The Atmosphere; The Seasons; Heat &amp; Temp.</b>   | Chapter 15                                  |
| 16        | " " " " "                      | <b>Atmospheric moisture</b>  | Chapter 16                                  |
| 17        | " " " " "                      | <b>Pressure and Winds</b>  | Chapter 17                                  |
| 18        | " " " " "                      | <b>Atmospheric disturbances</b>  | Chapter 18                                  |
|           |                                | <b>Final Exam: Topics 1-14 (10 pts.); Topics 15-18 (30 pts.) - Bring a no. 2 pencil!</b>                     |   |

\* Reading of the on-line independent study materials for these topics is also required .

\*\*\* All aspects of this syllabus are subject to revision. \*\*\*  
Any changes will be announced in class.