Geology Project Check List - Spring 2010 - Sarmiento

http://www.lonestar.edu/library/14726.htm

Project Requirements:

☑ Research topic and get sources approved by librarians, Brautigam OR Norem.

DUE All classes April 7 – REVISED DATE (NOTE: No librarian approval = 20 pts. deducted from project grade.)

2. Select 3 minimum scholarly geology-related journal articles, books, or a website on your topic. You may include other scientific sources used beyond the 3 minimum sources. Only one of the minimum 3 sources may be from a reliable science organization website (e.g., U. S. Geological Survey). Search http://www.scirus.com if you need help finding science websites.
3. Use your textbook if applicable (Tarbuck or Dire Predictions for physical geology or Monroe/Wicander for historical geology) as one of your 3 minimum references. Prof. Sarmiento has also listed suggested readings for several of the topics. If your topic lists one of these selections, you may use this material as one of your 3 minimum references.
4. Add your selected sources to Geology Resource List for Approval at http://www.lonestar.edu/departments/libraries/cyfair_library/geosources.doc. Read the directions for completing the list and e-mail it to one of the 2 librarians by the April 7 deadline.
5. Save the email reply from the librarian and include a copy with her approval and/or suggestions on references with your abstract (see below).
6. WIKIPEDIA IS NOT AN ACCEPTABLE source since it is not a professional peer review publication.

☑ Write a one-page abstract on your topic, post in VISTA, and submit a paper copy on presentation day.

DUE: Campus classes May 4 or 6; Flex class May 4; Online class e-mails abstract by 11 p.m. on May 4

1. The abstract is essentially a summary of your research. You will have the opportunity to expand the information and provide more figures in the oral presentation.
2. Use single or double spacing, 10 pt. or larger font size.
3. Do not include quotations in the abstract.
4. Include a separate “Works Cited” page using MLA citation format (see http://www.lonestar.edu/library/citation-help.htm for details on MLA citation).
5. Include a copy of the librarian’s reply with her approval and/or suggestions on references with your abstract.

☑ Prepare and deliver an oral PowerPoint presentation of the topic not over 7 minutes in length

DUE: Campus classes May 4 or 6; Flex class May 4

1. Provide a brief overview of the general topic before going into specifics as needed.
2. Select a case study or a narrower aspect of the topic, if given a general topic. It is recommended, but not mandatory, to have this focus approved by your professor.
3. Discuss techniques or practices currently being implemented or processes to consider for mitigating or reducing risks for “event” topics such as Hurricane Katrina, Indian Ocean tsunami, etc.
4. Failure to submit the presentation by the due date will result in a ZERO grade for this assignment (NO EXCEPTIONS).

☑ Design and complete a tri-fold poster for the Lone Star College-CyFair Earth Day celebration

DUE: Campus classes April 15; Flex class April 13

Evaluation Criteria:

The project will be graded based on the following criteria:

1. Abstract (summary) – 30% (quality of the information and references). Papers that do not include your name and topic title will not be graded.
2. Oral Power Point presentation to the class – 30% (ability to present the concepts, quality of the slides and information)
3. Tri-fold Poster – 40% (quality of information, layout and references). Be sure to include your references in the bottom right panel and your name on the back of the poster.