I. Assignment Schedule

Week 6 Monday February 15, 2016  Submit Chosen Paper Topic (typed, word processed, name, date)
Week 8 Monday February 29, 2016  Submit Preliminary Outline (with list of references proper format)
Week 9 Monday March 7, 2016  Submit Expanded Outline with notations (with reference list)

* An expanded outline consists of an organized shell of the paper format, headings/subheadings, with detailed notes and reference citations. This will form the template for completing your final manuscript (your class notes are an example of an organized expanded outline with detailed notations)

Week 10 Friday March 11, 2016  Submit First Draft of Paper to Instructor (Optional for Review)
Week 11 Wednesday March 16, 2016  Submit Final Draft of Paper to Instructor (at Final Exam Time)

II. Term Paper Format

Paper Length: 4 to 5 pages of text, double spaced, font size = 12 (excluding title page, references cited, tables, figures), number the pages sequentially, include cut-and-paste figures and tables as needed.

Paper Format: Use title, heading, subheading, references cited method as prescribed for lab write-ups. Figures and tables can be copy-and-pasted directly from professional articles, just make sure that the source is properly cited.

NOTE: the headings and subheadings will be different from that of the lab write-ups, depending on your topic. An example outline (i.e. headings and subheadings) of the "Influence of Geology on Land Use in Western Oregon" is shown below:

INTRODUCTION

GEOLOGIC OVERVIEW

Tectonic Setting
Bedrock Geology
  Volcanic Rocks
    Basalt
    Intrusives
  Sedimentary Rocks
    Sandstone
    Shale
Geologic History
  Tertiary
  Quaternary

INFLUENCE OF GEOLOGY ON LANDUSE

Hillslope Erosion
Human Occupation

SUMMARY AND CONCLUSION

REFERENCES CITED
Methodology for Reference Citation

Reference Citation Within Body of Text

Cite a reference whenever you paraphrase another author's work. When making a citation within the body of text, the cited reference should parenthetically include the author's last name and the year of publication (DO NOT USE FOOTNOTES).

The following is an example citation where the author is referred to in the flow of text:

Smith (1999) suggested that a protractor is the best tool available for measuring angles between lines.

The following is an example citation where the author is parenthetically cited after a paraphrased statement:

The calculated rate of river erosion is identical to other rates estimated for the Colorado River (Johnson, 1980).

Bibliographic Listing of References Cited

1. Use a section subheading of "References Cited" for your bibliographic listing.
2. Use the following citation format:

   Author's Last Name, Author's First and Middle Initials, Date, Title of Book or Article: Publisher or Journal, Page Numbers.

3. List your references cited in alphabetical and chronological order. Sort alphabetically first, then use chronological sorting if the same author appears a number of times (sort from oldest to youngest publication).

The following is an example format to use for citing references (you are expected to follow this format):

References Cited


Dooley, K., 1992, Geographic information systems in E&P computing: Geabyte, October issue, p. 36-41.

Here’s How to Cite a Web Page...


Other Information: Refer to syllabus "Plagiarism and Writing Section" and "Lab Portfolio Section" for more information on writing philosophy. Also refer to the "Taylor's Writing Guide" handout for tips on effective scientific writing.

Special Note: Copying and pasting other workers writing and web pages will result in an automatic score of "0" and you will be referred to the Dean of Students for appropriate disciplinary action for plagiarism.

III. List of Possible Topics to Choose From
(Theme: ES202, geologic surfaces processes, Oregon and the Pacific Northwest).

Seismic / earthquake hazards in Oregon, or in the PNW (or specific parts of the region / state)
Active mountain building in the Coast Range
Flood hazards in Oregon, or in the PNW (or specific parts of the region / state)
Flood hazards of the Willamette Valley
The influence of fluvial process on landuse in the Willamette Valley
Soils geology in western Oregon (or other specific parts of the region / state)
Sedimentary history of western Oregon
Tsunami hazards and deposits associated with coastal Oregon (or PNW)
History of sea level change and climate along the Oregon coast (or PNW)
Glacial history of the Pacific Northwest
Glacial history of the Oregon Cascades
Glacial history of the Wallow Mountains
History of Lakes, Playas, and Climate Change in the Oregon Desert
Geologic history of Columbia River gorge
Coastal Processes / Hazards of Oregon
Active Tectonics of Coastal Oregon
Landsliding / mass wasting hazards in Oregon (or specific parts of the region / state)
Debris Flow hazards in western Oregon
The Missoula Flood story of Washington / Oregon
Recent geology of the Willamette Valley
Coastal erosion and hazards in Oregon
Pleistocene history of dune fields in Oregon
Climate change and related geologic history of western Oregon (or any other part of the state)
Volcanic hazards of Oregon, the PNW, or specific areas in the region
Groundwater issues in Oregon, eastern Oregon, or other specific part of the state
The geology of Portland's, or other Oregon city, water supply
Surface water / water resource issues in Oregon
Fluvial processes in western Oregon and impact on salmon habitat
The influence of coarse woody debris on stream flow processes in western Oregon

... any other topic or topics that you can think of, that we covered in class, and apply directly to Oregon / PNW!

If you have ideas different from the above, discuss them with Dr. Taylor before spending a bunch of time researching.

IV. Sources of Information: WOU Library GEOREF database (ask librarians), library journals, the internet (www.usgs.gov, www.epa.gov, state DOGAMI office, Google, other state agency web sites, OSU web sites).

NOTE: Dr. Taylor has a large number of journal articles available in digital format – ask!

Georef is a search database for geologic literature, it can be accessed via the library website at: http://www.wou.edu/provost/library/databases/titleg.htm

Any publications not held by the WOU library can be ordered via electronic interlibrary loan (ILL) from the Georef search results page.
**presentation includes neat, professional-looking work, inclusion of maps and figures to illustrate concepts, inclusion of tables/data to illustrate concepts.**

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