

# Term Paper Requirements

Each group of students is required to prepare a term paper on their chosen research topic relevant to the subjects covered in this class. The purpose of the term paper is to demonstrate that the students have acquired proper comprehension and analysis of the chosen topic. The paper should be typewritten, paginated, double-spaced, in Times New Roman, 12 point, 1-inch margins (top, bottom, left, and right), and must follow the outline shown below. The paper should include 5 to 8 pages of narratives to provide an in-depth analysis of the selected topic. The term paper is due on May 4<sup>th</sup> and should include the following sections:

## **Cover page**

## **Abstract**

## **Topic Discussion and Analysis**

(A few references are needed in the text whenever a fact is stated)

This section should discuss, and critically analyze the literature on the topic.

## **Conclusion**

In this section a summary including the students' own understanding of the chosen topic should be provided in a concise manner and with emphasis placed on fundamentals.

## **References**

## **Term Paper Grading (100 points)**

1. Cover page (10 points): Term paper title, course number, names of students and instructor, date, etc.
2. Abstract (10 points)
3. Topic Discussion and Analysis (50 points)
4. Conclusion (15 points)
5. List of references with standard formats and appropriate citations in the text (5 points)
6. Grammar, spelling, technical writing, neatness, etc. (10 points)

## **Reference Format Examples**

### Books

Mantell C.L. (1968) Carbon and Graphite Handbook. Interscience, New York.

### Journal Articles (At least 8)

Guerin, W.F., and Boyd, S.A. (1992) "Differential bioavailability of soil-sorbed

naphthalene to two bacterial species." *Applied and Environmental Microbiology*, 58: 1142-1152.

#### Book Chapters

Ball, W.P., and Roberts, P.V. (1991c) "Diffusive rate limitations in the sorption of organic chemicals," In *Organic Substances and Sediments in Water, vol. 2, Humics and Soils* (Edited by Baker, R.A.), Lewis Publishers, Chelsea, Michigan, pp 273-310.

#### Website

Non-Aqueous Phase Liquid (NAPL) Cleanup Alliance, Remediation Technologies Development Forum (RTDF), <http://www.rtdf.org/>

### **Copy Right Declaration**

The review paper should be written solely using your own language based on your in-depth analysis and synthesis of information provided in references. Major statements, facts, and conclusions must be supported by appropriate references. A sentence or several sentences that are directly copied from a reference must be quotation-marked followed by a referred citation. It is strongly suggested that you rephrase, instead of directly quote, the sentence(s). Copying sentences or paragraphs without following the above procedure will be regarded as plagiarism.