CHEM 308 - Chemistry Topics Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fall 2011

Assignment 1

**Initial Topic Analysis**:

List your topic here: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List two larger topics/categories of which your topic is a subset:

1)

2)

List two narrower topics/aspects:

1)

2)

List two related terms

1)

2)

**Background Research**

*Specialized Encyclopedias (GVRL)*

Library Home > Find More > Reference Sources > Gale Virtual Reference Library (GVRL)

Search for and locate a useful overview article in GVRL. Attach a copy of the first page of the article to this assignment and also cite it here:

Encyclopedia Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Encyclopedia Author/Editor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Publisher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Publisher Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subsection (e.g. Article/Chapter) Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subsection (e.g. Article/Chapter) Author: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Vol #: \_\_\_\_\_\_\_\_\_\_\_\_ Pages:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes on any useful additional references at the end of the article:

*Popular-level Periodical (Academic Search Complete)*

Start in Academic Search Complete (Library Home > General Search Databases> Academic Search Complete)

Try several keyword and title searches using relevant words and phrases.

Copy below at least five useful SUBJECT HEADINGS

* from relevant records *or*
* from the Subject Thesaurus link on the left side of the results page:

1)

2)

3)

4)

5)

Do several searches BY SUBJECT using the above subject headings.

Which did you find provided better results in this database:

Subject Searching Keyword Searching

Different students will have different answers here. For article searching in databases with full-text, try both approaches for best results.

Get back to one of your good sets of results.

On the left hand side, check the box to limit results to “magazines”

Adjust the search until you find some magazine articles related to your topic

Choose an article you think would be useful

Cite it here:

Article Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Article Author: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Periodical Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume: \_\_\_\_\_\_\_\_\_\_\_ Issue: \_\_\_\_\_\_\_\_\_\_\_\_\_ Pages: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use article linker to determine access to that article

If it is available:

* In electronic form - print out the first page and attach it to this assignment
* In paper form – go get it and photocopy the first page and attach it to this assignment
* Not available – submit an interlibrary loan, print a copy of your ILL account page showing the submission and attach it to this assignment

*Book or Book Chapter (BearCat and WorldCat)*

Start in WorldCat (Library Home > FindBooks: Other Ways> WorldCat (FirstSearch) )

Try several keyword and title searches using relevant words and phrases.

Copy below at least five useful SUBJECT HEADINGS from relevant items:

Notice that these may well be DIFFERENT from those you saw in article searching.

1)

2)

3)

4)

5)

Do several searches BY SUBJECT using the above subject headings.

Locate one book that is useful in its entirety or for which there is a useful chapter. Cite it here:

Book Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Book Author/Editor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Publisher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Publisher Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*If relevant:*

Subsection (e.g. Article/Chapter) Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subsection (e.g. Article/Chapter) Author: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Vol #: \_\_\_\_\_\_\_\_\_\_\_\_ Pages:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many libraries hold this item? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Are any of them SUNY libraries? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Now go to BearCat (Library Home > BearCat – use the first link, beta version doesn’t have e-books)

Do several searches BY SUBJECT using the above subject headings from WorldCat.

Do we own or have access in electronic form to any useful books/chapters that provide an overview for your topic?

No Yes

If No: Go back to WorldCat and submit an InterLibrary Loan request for the item above.

If Yes:

Cite it here:

Book Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Book Author/Editor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Publisher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Publisher Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*If relevant:*

Subsection (e.g. Article/Chapter) Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subsection (e.g. Article/Chapter) Author: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Vol #: \_\_\_\_\_\_\_\_\_\_\_\_ Pages:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Library Location and Call Number (if paper version): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If it is in paper, go check it out.

If it is electronic, print out a copy of the first page and attach it to this assignment.

*Free Web (Chemistry Portals)*

Using a Chemistry Portal, locate a content-rich (not link rich) free web source on your topic.

Print out the beginning of the page (one printed page) and attach it to this assignment.

What is the complete URL? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describe the steps you took in searching that led you to this source