

TEST AND ESSAY IN CH3041

The major assessment for CH3041 occurs late in the semester.

- The essay topics will be discussed in Week 5 and it is expected that you commence work on the essay at this point. The essay is intended to be completed towards the end of the semester as we carry out the field trips and cover the topic areas that will assist in the preparation of the essay.
- The test follows the mid-semester break and you should have completed the majority of your revision for the test by then.
- The test is comprised of 7 questions - you will need to work efficiently to finish as the questions are of final examination standard.
- Only those general subject areas stated on this sheet will be examined **in the test and essay**. These subject areas will not be examined again in any detail in the final examination.

CH3041

Test 1

9 / 10 / 2007

During the first Lecture session on Tuesday.

The following subject areas will be examined only in this test :

Air chemistry - aerosols
The structure of clay minerals
The geochemical cycles
Microbial / redox aqueous geochemistry
Analytical chemistry - definitions
Classical methods of analysis/Electrochemistry
Toxicology

CH3041

Essays

The following subject areas will be examined only in the two essays.

You will need to choose 2 topics - one from each category:

Due Date: 5 / 10 / 2007

Category A (discussed in the Australian context)

Nuclear energy	– advantages / disadvantages
Alternative fuels	– advantages / disadvantages
Acid sulphate soils	– problems / solutions
Water Pollution	– problems / solutions

Due Date: 29 / 10 / 2007

Category B (including relevant details from field trips)

Drinking Water Treatment	– technologies advantages / disadvantages
Waste Treatment	– municipal waste technologies advantages / disadvantages
Sewerage Treatment	– technologies advantages / disadvantages
Water Analysis	– techniques / QC / standards

Essay coverage in each category will need to be of the order of 1500 - 2000 words.

THERE WILL BE NO EXTENSIONS ON THE ESSAYS = EARLY IS FINE.