**Outcome of session**
- Understand ways of adding value to information by enhancing information structures
- Understand the structuring requirements of different media forms
- Develop familiarity with the ACS Code of Ethics

**Assessment**
- Studio 2 – Activity 2: Question 4 - Process Modelling (5%)
- Activity 3 – Code of Ethics (5%)

**Preparation required**
Nil

**Continuing from the Studio Session last week ......**
Please refer to Studio Week 2 – Activity 2 (~1½ - 2 hours)

**Question 4 of Studio 2 - Activity 2 will be assessed**
**Value: 5%**
**Due Date: Start of the Studio Session in Week 4.**

You will start this Activity during your Studio Session today. You will need to work together with your group during the week to finalise your response to Question 4.

**NOTE:** Your process diagrams must include all the elements of a system as required – inputs, process, outputs, storage, controls and feedback.
Activity 1: Information provision (~ 1 hour)

Task:
Form a group of 3-4 students to discuss the information provision issues presented in the case, and present your findings to the class.

Case Study: South African Voting System

When apartheid ended in South Africa, millions of black South Africans found themselves in a possession of an assortment of rights that had previously been denied to them. The 1994 free elections in South Africa allowed millions of people who had never voted before to have a say in the administration of their country. The task of casting a ballot, however, was made difficult by the fact that many of the new voters could neither read nor write. In addition to having the right to vote, each citizen also needs to have the right to make an informed decision about the 19 parties running for the election.

Issues to consider:
How would you educate the non-reading community on details of the election?
- What information would you need to provide?
- What issues do you need to consider when proving this information?

Activity 2: Presenting information using different media forms (~ 1 hour)

Task:
Review the structure of the Encyclopaedia Britannica print copies and the on-line version at: http://www.britannica.com/ individually first, and then in groups of 2-3. Discuss and compare your findings. Present your findings to the class.

Issues to consider:
How is the information structured in the different media?
Find the same information using the different media forms?
Are there differences? Why?
Which is more useful? Which is easier to use?
Discuss structuring, access, cost, maintenance and update issues.
Activity 3: Code of Ethics – Case Study (~ 1 hour)
Ref: ACS website: www.acs.org.au

This Activity 3 will be assessed
Value: 5%
Due Date: Completed during Studio Session today.

Task:
Your tutor will give you a summary of a case study with an ethical dilemma.
You will conduct this exercise in a Group of 2.
Identify the relevant ‘Values and Ideals’ and ‘Standards of Conduct’ clauses using the ACS Code of Ethics website: https://www.acs.org.au/about_acs/acs131.htm
Identify the system components of the case.
Present your findings to the class during the studio session:
Student 1 – System component, Student 2 – Ethics component
(Note: You will be provided with overhead slides and pens to use if required)

Clauses 4.3.1 to 4.3.6 describe the six Values and Ideals, summarised as: Priorities; Competence; Honesty; Social Implications; Professional Development; and Information Technology Profession.
Clauses 4.5.1 through to 4.10.9 cover the Standards of Conduct, which provide a series of non-exhaustive standards explaining how the Code applies to a member’s professional work, related to each of the six Values and Ideals.

Activity 4: Assignment 1

Task:
Read Assignment 1 Case Study.
Discuss requirements.
Ask questions.
Start preparation.