

**Software Engineering, CPSC-4360-01 and CPSC-5360-01**  
**Assignment 3: Professional Ethics, Responsibilities, and Social Implications**  
**Due Date: Monday, April 11, 2011**

**Question 1.** Enumerate the ethical views. Give comments over their definitions, social implications, by comparing different ethical views.

**Question 2.** What are the main responsibilities expected for a computer professional?

**Question 3.** Which international institutions have formulated the software engineering code of ethics and professional practice?

**Question 4.** What are the guidelines for software developers and decision makers? Give comments.

**Question 5.** Enumerate the principles of the software engineering code. Give comments.

**Question 6.** Explain the origins and reasons for increasing general public awareness on ethical aspects of technology.

**Question 7.** Why engineering is an inherently risky activity?

**Question 8.** Explain why software engineering should be view as an experimental process?

**Question 9.** Enumerate some of social implications of software engineering. In which areas the services provided by engineers must be dedicated?

**Question 10.** Why are the professional ethics important for computer scientists and engineers?