**UECS3313**

**Computer Ethics and Professional Responsibility**

**Tutorial 3**

**Evaluating and controlling technology**

1. State 3 reasons for the abundance of unreliable, manipulated or distorted information on the Web and Internet
2. There are ethical concerns regarding people who lack the ability to analyze material available on the Web (such as young children or the mentally handicapped). However, censoring the Web may violate freedom of speech concerns. Discuss 3 alternatives to address these concerns issue without resorting to censorship.
3. Give three examples where the Web and Internet can encourage viewing information and interpreting events from a narrow point of view.
4. Discuss the ethical problem that arises when humans become too dependent or too confident on computer systems that help facilitate their daily work processes.
5. Computer model predictions are sometime used to justify multi-billion programs and laws with significant impact on the economy and the standard of living and choices of millions of people. List the important questions that designers of this model are professionally and ethically responsible for informing the public of.
6. Define the term digital divide and give an ethical reason for bridging it. Describe 2 main phases of the digital divide.
7. Describe 2 positive and 2 negative impacts that computers and technology have had on the environment.
8. There are many controversies about the possible consequences, either negative or positive, of specific products, services, and applications of computer technology. Describe in detail the two difficult ethical dilemmas that need to be considered with respect to this.