



## **Faculty of Computer Studies**

### **T209 B: People and Interactions (Part B)**

## **Course Guide**

## **T209B: People and Interactions (Part B)**

**Credit Points/ Credit Hours:** 30/8

### **Pre-Requisites:**

T209

### **Short Description:**

In this course students study about the cyborg concept and the ideas of virtual reality systems. Students are introduced to the concept of integration of biological and IT systems. Students also study about computer security and various encryption and decryption systems.

### **Aims:**

The aims of this course are:

- To introduce students to the concepts of Cyborgs and Virtual Reality Systems.
- To introduce students to ideas of Computer Security.
- To enable students to grasp concepts of encryption and decryption.

### **Learning Outcomes:**

The Learning Outcomes of this course are given below:

#### **A. Knowledge & Understanding of:**

- A1. The concepts and philosophies of cyborg technology.
- A2. The ideas and techniques of computer security systems

#### **B. Cognitive skills:**

- B1. To develop an understanding of a number of key issues related to Cyborgs and Virtual Reality Systems.
- B2. To develop understanding of security issues related to the usage of ICTs.

#### **C. Key Skills:**

- C1. Communicate effectively about Cyborg and Computer security issues.
- C2. Improve own learning & performance.
- C3. Solve problems associated with virtual reality and Computer security systems.
- C4. Apply numerical and mathematical skills to describe and analyse security issues of ICTs.

#### **D. Practical and/or professional skills:**

- D1. To be able to effectively communicate ideas about cyborgs and computer security systems.
- D2. To be able to handle computer security related issues in a competent manner.

#### **Course Structure**

The T209B course has 2 modules of study at AOU. Each module covers one of the key themes in the course. It should be noted that the T209B course at the OU, UK has a module called Term Project which has been replaced by Term Exam at the AOU.

#### **Table Contents:**

##### Module 4: Cyborg

- Social & Philosophical Perspectives, Groups.

##### Module 5: Security

- Security Techniques in Digital Systems.
- Security.
- Numeracy Skills.
- Experiments.

##### Module 6: Term Project

- This module has been replaced by an End of Semester Exam at AOU.

#### **Assessment:**

The assessment for the T209B course consists of the following 3 components:

- Tutor-marked assignments: 2 TMAs
- Quiz/Mid-term Assessment: 1 MTA
- Final Exam: 1 Final Exam

#### **Grade Distribution:**

The percentage grade distribution for the above 3 components is as follows:

- Tutor-marked assignments: 35%
- Quiz/MTA: 15%
- Final Exam: 50%

**Course Calendar** (indicative version):

There are 2 Tutor Marked Assignments, 1 Midterm Assessment and 1 Final Exam associated with this course. Course result is determined on the basis of student's scores in TMAs, Midterm Assessment and the Final Exam. To be sure of passing the course, the student needs to score at least 40% (at least 20% in TMA and Quiz/MTA and at least 20% in the final exam) in the above 3 components and achieve an overall average score of 50%.

<b>Week</b>	<b>Course Text</b>	<b>Other Course Components</b>	<b>Audio, Visuals, Multimedia, CD, and Web</b>	<b>Assignment/ Assessments</b>
1	Module 4: Cyborg		Learning resources on CD-Rom	
3			Video - Cyborg	
5				
7	Module 5: Security	Security monograph		TMA1 due date
9				Quiz/MTA
11				
13				
15				TMA02 due date
16	Final Exam Period			