

Course: Diploma Infocomm and Security/Engineering Informatics  
Subject: Server and Services Security Management  
(IT2757) AY2017/S1

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### **Written Assignment Requirements:**

You are to work in group of **maximum of FOUR(4) members**. You are required to do the following:

- A. Login to your Blackboard and go to Information page for IT2757 module.
- B. Click on the Written Assignment link. As a group you are then required to:
  - i. Watch the YouTube video "[Ralph Langner: Cracking Stuxnet, a 21st-century cyber weapon](#)"
  - ii. Read the report "[Hacking a Nuclear Missile](#)"
  - iii. Read the report "[Hacking a Industrial Robot](#)"
- C. Click on the Written Assignment Template link. Using the Powerpoint template, you will then answer the questions in the template as well as provide **FOUR (4)** recommendations on how you could secure a server system such as a nuclear plant, nuclear missile or robot from cyberattack.
- D. You can use recommendations provided in the reports/video as well as independent research.
- E. You must give reasons for the recommendations in your report. DO NOT just state the recommendations.
- F. You will be graded based on the following:

Item	Marks
Content organization	5
Answering questions	5
Recommendations to secure system	10

### **Presentation on Week 16 during your tutorial**

- You are to submit a hardcopy report using the Powerpoint template provided to your tutors.
- You are to do a 10min presentation of your recommendations to your tutors

### **Submission to Blackboard by Week 16 4 August 2359hrs**

- You are to submit the report in PPT format to Blackboard
- Please ensure that you have the PEM Group, name and student admin number of all team included in the Powerpoint