The Internet

C20168

40% Project: *Security & Confidentiality*

Guidelines

- You are required to produce a 4 A4 page assignment dealing with issues of security & confidentiality on the Internet.

- In light of the recent revelations of security issues with **eircom** customers wireless Internet access, discuss:

  1. The eircom problem.
  2. Sniffing in wired and wireless situations.
  3. How can you stop a password from being 'sniffed'?
  4. What is a brute force attack?
  5. The risk of well-known ports
  6. WEP and WPA-PSK

- You are advised to locate articles in newspapers & magazines as sources of information, as well as using The Internet, films, documentaries etc.

- The first A4 page is the 'My Own Work' cover page.

- The 4th page should be a list of documents, web sites & other sources from which you either took information or at which you carried out your research. The URLs should be provided if information from websites are used. This section is your bibliography and should include a list of any other sources of information you used. It should be extensive to prove that you have read much on the subject. (**PS: don't just copy and paste off The Internet; it stands out a mile and gets** <u>no</u> **marks!**)

- If newspaper articles are used, scan and include those in the submission.

- The middle two pages should contain the text of the assignment. The assignment should break down into:

  1. introduction
  2. discussion
  3. conclusion

  sections. **These sections should be clearly headed/marked.**

- The text should be standard formatted. Use the check-list!

- The deadline for this assignment is: **11/10/2007**

This assignment is worth 40% of the total marks for the module.