

Cambridge Technicals in IT

Pre-course work



Pre-course expectations

Success in Sixth Form is largely a function of the amount and quality of independent study you carry out; here's a chance to help you get the very best start to your course. We would like you to complete the work described below and hand it in to your teacher in your first lesson in September. If you have made a late change to your timetable, please complete this work within the first week of starting the course. The work should take you 2-3 hours.

Details of pre-course work

Threats to IT Systems

For each of the bulleted threat to IT systems you need to:

1. Define it.
2. State a prevention method.
3. Give an example.
 - Phishing
 - Hacking
 - Virus
 - Trojan
 - Tata interception
 - Eavesdropping
 - Data theft
 - Social engineering

You can do this on a PowerPoint or Word document, typed or hand written.

Phishing example below:

Prevention:

- Staff training
- Don't click on suspicious links
- Do not give away your personal details
- Have a mail filtering system

Phishing

Sending emails purporting to be from reputable companies to induce people to reveal personal information. Want access to a bank account? Credit card details? Password? Then get phishing.

Doing it right	From: uer_100@hotmail.com To: noreply@hotmail.com Subject: Your account will be deactivated
- Use a company logo - Tell them their account is at risk - Tell them to act now - Give a URL to click: everyone likes a quick link - Watch your spelling and grammar. It has to look genuine.	Dear email user, This is to inform you that on 4th March, Steam will discontinue your account, and your purchases will be lost unless you update your security settings. Click here to update now. Thank you, Steam

Phishing is big money