

#### THOMAS MORE UNIVERSITY

# Phishing Training



# WHAT IS PHISHING?



- Phishing is a form of fraud in which an attacker masquerades as a reputable entity or person in email or other communication channels. The attacker uses phishing emails to distribute malicious links or attachments that can perform a variety of functions, including the extraction of login credentials or account information from victims.
- Phishing is popular with cybercriminals, as it is far easier to trick someone into clicking a malicious link in a seemingly legitimate phishing email than trying to break through a computer's defenses.

https://searchsecurity.techtarget.com/definition/phishing



# WHAT TO LOOK FOR

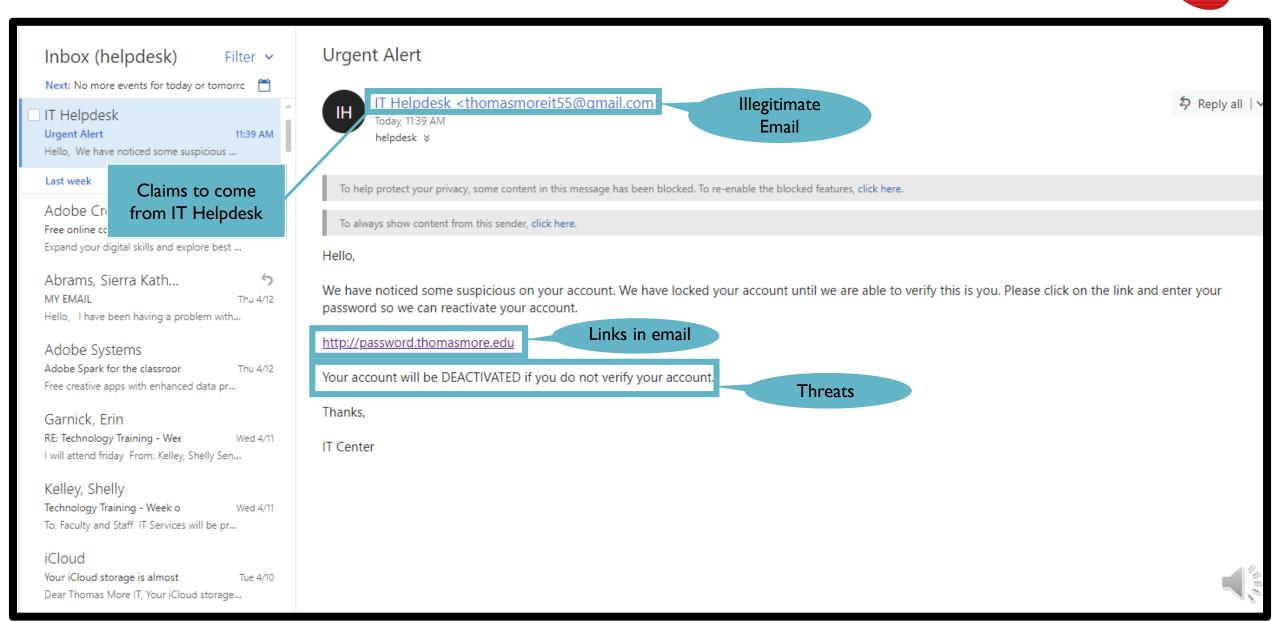


#### "Quick Tips"

- Spelling errors, lack of punctuation or poor grammar
- Hyperlinked URL is different from the one displayed
- Threatening language that calls for immediate action
- Requests for personal information
- Announcement indicating you won a prize or lottery
- Requests for donations



### **EXAMPLE OF A FAKE EMAIL**



# **EXAMPLES AT THOMAS MORE**



From: John Smith <<u>sarahwitt2013@gmail.com</u>> Sent: Monday, October 1, 2018 4:17:11 PM To: Thomas Jefferson Subject:Hello

Good Day,

Are you in the office ? I have an assignment i need you to do for me.I am in a meeting i won't be able to pick a call.

Thanks

- Claims to come from John Smith
  - Actual email address says (sarahwitt2013@gmail.com)
  - Calls for immediate action: "I have an assignment I need you to do for me."
  - Incorrect grammar: "i" is not capitalized. Also forgot spaces.

# **EXAMPLES AT THOMAS MORE**

From: John Smith <<u>sarahwitt2013@gmail.com</u>> Sent: Monday, October 1, 2018 4:27:44 PM To: Thomas Jefferson Subject: Hello

I need Itunes Gift cards of 100\$... 6 piece, that's 600\$ worth of Itunes Cards...scratch the code panel and take a clear picture of it and send to me here in the email, Ensure you keep the cards until i ask you to dispose off,Sorry for the inconvenience,Will reimburse that back to you.

Thanks.

Note..l need it asap

- Asks for an item worth value
  - Wanted iTunes Gift Cards sent to them: \$600 worth
  - Calls for immediate action again: "Note..I need it asap"



# IT IS YOUR RESPONSIBILITY

- YOU and only YOU can protect your account
- Be the "Grammar Police" and keep an open eye out
- "Don't get hooked" or be a victim of a phishing email
- Make sure you know what you are clicking on
- Think before you click
  - Am I expecting this email
  - Do I know the sender
  - Are there any suspicious links





# WHAT THEY MAY SAY



#### These phrases are common when you receive a phishing email

- Official Data Breach Notification (14%)
- UPS Label Delivery IZBE312TNY00015011 (12%)
- IT Reminder: Your Password Expires in Less Than 24 Hours (12%)
- Change of Password Required Immediately (10%)
- Please Read Important from Human Resources (10%)
- All Employees: Update your Healthcare Info (10%)
- Revised Vacation & Sick Time Policy (8%)
- Quick company survey (8%)
- A Delivery Attempt was made (8%)
- Email Account Updates (8%)

https://www.netsec.news/effective-phishing-emails-revealed/



# HOW TO PROTECT YOURSELF

#### Refuse the Bait!

- If you do not know the person then use your "Quick Tips"
- Think before you click
- Verify the website
- Never give out personal information
- Do not click on pop-ups or links
- Ask yourself:
  - Am I expecting this message?
  - Is this message from someone I know?
  - Does the email address match the name of the sender?
  - Does the message sound like it's coming from the sender?





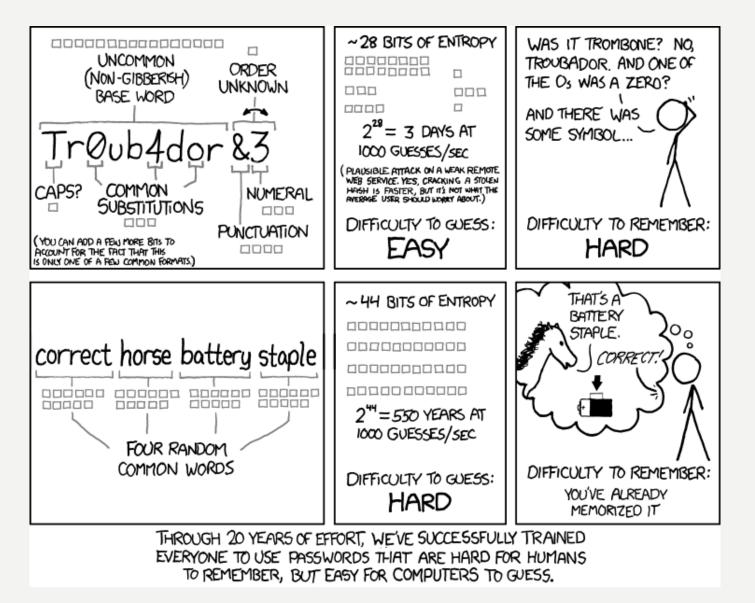
# PASSWORDS

- You should not use the same password for multiple accounts/websites.
- You should not tell anyone your password
- Do not write down your password and keep it by your computer
- Your passwords should be
  - Easy to remember but hard to guess
  - Long and hard to decrypt
  - Changed on a regular basis
  - Have multiple characters including special characters
- Use a password manager to keep passwords secure
  - KeePass
  - 1Password





### **XKCD COMIC**



https://www.xkcd.com/936/

# WHAT TO DO IF YOU THINK YOU Are a victim of phishing

Don't panic! We can help! Contact the IT Help Desk!

**Contact IT Services by:** 

- Browsing to helpdesk.thomasmore.edu
  - calling 859-344-3646
  - emailing helpdesk@thomasmore.edu
  - or stopping by the helpdesk inside the computer center (lower level of main administration building)

