TOPICS

- The current state of ICT technologies (i.e. Web 1.0, 2.0, 3.0, convergent technologies, social mobile and assistive media)
- Online systems, functions, and platforms
- Online safety, security, ethics, and etiquette
- Contextualized online search and research skills
LEARNING COMPETENCIES

- Compare and contrast the nuances of varied online platforms, sites, and content to best achieve specific class objectives or address situational challenges.

- Apply online safety, security, ethics and etiquette standards and practice in the use of ICTs as it would relate to their specific professional tracks.

- Use the internet as a tool for credible research and information gathering to best achieve specific class objectives or address situational challenges.
Internet safety or online safety is the security of people and their information when using the internet.

simply means protecting your personal information while online
INTERNET SAFETY
Be Smart on the internet

SAFE
Keep safe by being careful not to give out personal information – such as your full name, email address, phone number, home address, photos or school name – to people you are chatting with online.

MEETING
Meeting someone you have only been in touch with online can be dangerous. Only do so with your parents’ or carers’ permission and even then only when they can be present.
Accepting

Accepting emails, IM messages, or opening files, pictures or texts from people you don’t know or trust can lead to problems – they may contain viruses or nasty messages!

Reliable

Information you find on the internet may not be true, or someone online may be lying about who they are.

Tell

Tell your parent, carer or a trusted adult if someone or something makes you feel uncomfortable or worried, or if you or someone you know is being bullied online.

You can report online abuse to the police at www.thinkuknow.co.uk
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RELIABLE: Information you find on the internet may not be true, or someone online may be lying about who they are.

TELL: Tell your parent, carer or a trusted adult if someone or something makes you feel uncomfortable or worried, or if you or someone you know is being bullied online.

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I STOP BEFORE I DOWNLOAD.

I think BEFORE I click.

MY PASSWORD MIXES Letters #umbers AND $ymbol!#
Buy Safe Trusted Seller

TIPS FOR SAFE ONLINE SHOPPING IN THE PHILIPPINES

- **Trust only the trusted**
  - goes for both the website and the brand
  - trust only the widely-known and established online shopping firms
  - If going on for some unknown shops on Instagram and Facebook, stalk, look for proof of transactions or reviews from their previous customers

TIPS FOR SAFE ONLINE SHOPPING IN THE PHILIPPINES

- **Look for the lock**
  - encrypts information so that the data can be kept private and protected
TIPS FOR SAFE ONLINE SHOPPING IN THE PHILIPPINES

- Don’t give all your information
  - limit the information you’ll put online
Avoid public computers

- recommended to use your own device to maximize your protection

- If you really insist, make sure to log out all your accounts or browse in private by using incognito feature on your browser
VIRUS DISSEMINATION

- **VIRUS**
  - attach themselves to files or programs; most come attached to an executable file
  - computer virus cannot spread without human action
  - loves to delete files from your computer
WORMS

- doesn’t delete anything
- ability to copy itself or replicate from machine to machine without the human action
- slows down your computer
VIRUS DISSEMINATION

- **TROJAN HORSE**
  - looks like a normal application and carries the virus inside
  - can make annoying changes to your computer, or they can go through and delete your files
  - create a backdoor gives malicious user to access information
DO NOT FEED the PHISH
PHISHING

- By analogy with the sport of angling (the sport or pastime of fishing with a rod and line), these Internet scammers were using e-mail lures (attract fish to attach themselves to your hook), setting out hooks to “fish” for passwords and financial data from the “sea” of Internet users.

- Hackers replace the letter f with ph, a nod to the original form of hacking known as phone phreaking.
PHISHING

- attack often used to steal user data, including login credentials and credit card numbers
- occurs when an attacker, masquerading as a trusted entity, dupes a victim into opening an email, instant message or text message
- results includes unauthorized purchases, the stealing of funds, or identity theft

- Ang phishing ay isang uri ng online na panloloko kung saan sinusubukan ng isang taong linlangin ang biktima sa paglahad ng mga sensitibong detalye katulad ng isang username, password o mga detalye ng credit card, sa pamamagitan ng pagpapanggap bilang mapagkakatiwalaang entity sa isang elektronikong pakikipag ugnayan.
PHARMING:

Please Update Your Account

Dear valued PayPal member:

It has come to our attention that your PayPal account information needs to be updated as part of our continuing commitment to protect your account and reduce the instance of fraud on our website. If you could please take a few minutes out of your busy schedule and update your personal records, we will not run into any future problems with the online services.

Failure to update your records will result in account suspension. Update your records on or before JUN30, 2016.
PHARMING

- attack will redirect the victim to the fake website (an attacker website) even though the victim enters the correct address for the legitimate website.

- Example: The victim intends to access www.twitter.com, so he writes the right URL to the browser, the URL will still be www.twitter.com, but he will surf the fake website instead.
NETIQUETTE - is network etiquette, the do's and don'ts of online communication.
- treat others as you would like to be treated.
2. **NO Flaming**

**FLAME** – is a personal insult communicated through the internet.
- watch your posts or comments
Comment 1: So annoying shot!! Looser! LOL
Comment 2: WHY WEAR A SHADES? MATAAS BA ANG ARAW? HAHAHAHAHAHA! FUNNY!
likes a link.

SICK! I lost all respect for this video!

shockingmiley.com

about an hour ago · Like · Comm
3. *Don’t Type in ALL CAPS*

- people may misinterpret it.
10 BEST RULES OF NETIQUETTE

Comment 1: So annoying shot!! Looser! LOL
Comment 2: WHY WEAR A SHADES? MATAAS BA ANG ARAW? HAHAHAHAHAHA! FUNNY!
10 BEST RULES OF NETIQUETTE
4. *Don’t Spam*

SPAM - it is any unsolicited email from unknown sources.
We have something special for you this spring month, namely our special super

From: Canadian-Pharmacy
To: thrina_008@yahoo.com

<table>
<thead>
<tr>
<th>Meds for Men</th>
<th>Meds for Women</th>
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<tbody>
<tr>
<td>Viagra</td>
<td>Acomplia</td>
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<td>Female Cialis</td>
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<tr>
<td>Propecia</td>
<td>Female Viagra</td>
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(65+) See more...           (45+) See more...

Antibiotics

Painkillers
5. *Don’t talk with people you do not know*

- do not arrange to met anyone you meet online
Unknown User: Hi! How are you?
You: I’m fine. You?
Unknown User: Can I have your phone number?
You: 091774*****
6. Obey Copyright Laws

- don’t steal someone else’s idea, property, and rights.
7. *Use Proper Grammar and Spelling*

- errors diminish the credibility of the message
Example: I leik these pecture so very nyss. Lol
8. Be HONEST / Be Yourself
- tell the truth
- do not pretend to be someone else.
9. **Follow the TOS**

TOS – Terms of Service
- rules and policy of the sites.
10 BEST RULES OF NETIQUETTE

10. *Shop Secure Sites*

- these are sites with Transport Layer Security (TLS) or Socket Layer Security (SLS)
10 BEST RULES OF NETIQUETTE
1. It simply means protecting your personal information while online.

2. It is the do’s and don’ts of online communication.

3. It is any unsolicited email from unknown sources.

4. It is personal insult communicated online.

5. It is a form of attack that will redirect the victim to the fake website.
6. It is a form of attack often used to steal user data, including login credentials and credit card numbers.

7. It cannot spread without the human action.

8. It doesn’t delete anything.

9. It is a browsing mode within Chrome that deleted browsing history.

10. It creates a backdoor that gives malicious user to access information.
KEY TO CORRECTION

1. Online or Internet Safety
2. Netiquette
3. Spam
4. Flame
5. Pharming
6. Phishing
7. Virus
8. Worm
9. Incognito
10. Trojan Horse
PERFORMANCE TASK # 1

- Choose one netiquette and create a comic strip.

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**Comic Strip:**
1. **Scene 1:** A girl is sitting at a computer.
   - Text: "Hi! My name is Rayna and I'm also 12! That's really cool. I love making new friends."

2. **Scene 2:** The girl is still at the computer.
   - Text: "Hi! I'm Craig. I'm 12. How old are you?"

3. **Scene 3:** The girl is now at her bed in her room.
   - Text: "I'm so excited to meet Craig tomorrow!"

4. **Scene 4:** The girl is at a campfire with a boy.
   - Text: "You thought wrong."
   - Text: "I thought you were 12!"

5. **Scene 5:** The boy is at a graveyard.
   - Text: "Never meet anyone in person that you met online unless with an adult!"

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