TOPIC 7: COMPUTING ISSUES

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Computing Issues

Discuss current issues in computing
Intellectual Property Right

**Trademark**
Any word, name, symbol, or device, or any combination, used, or intended to be used, in commerce to identify and distinguish the goods of one manufacturer or seller from goods manufactured or sold by others.

**Copyrights**
Form of protection granted to the authors of "original works of authorship," both published and unpublished.

**Patents**
- The grant of a property right to the inventor
- The right to PREVENT others from making, using, offering for sale, selling, or importing the invention

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[Image: Intellectual Property Right diagram]
Computer Ethics

Ethical principles
- Do not use a computer:
  - To harm other people
  - To steal
  - ...
  - Do not interfere with other people's computer work

Plagiarism...
- Presenting someone else's work as your own.
  - This includes work represented in hard copy, on disk, or on the Internet

Computer ethics?
- Include intellectual property right, privacy concerns and how computers affect society.
Computer Crime

Types of computer crimes

- Identity Theft
- Cyber Stalking
- Hacking
- Phishing
- Computer virus

Computer Crimes and Cyber Crimes

Definition

Cyber crimes

https://www.flickr.com/photos/x1brett/2291998206
Current Issues

Environmental
- Pollution
- Consuming resources
- Waste
- Health hazards

Causes

Precaution

Depression
Sleeping disturbances
Anxious
Loss appetite

Mental

Causes

Precaution

Eye/vision (eye fatigue and blurred or double vision, Musculoskeletal (back, neck, and shoulder pain) problems

Health

Causes

Precaution

Setting a time limit for computer usage.
Limit the demands on availability while online
Spend more time with your family and friends

Follow green computing.
Recycling
Energy saving strategies
Donate fully functional computers

Take breaks.
Relax and comfortable position when working.
Do not fix your body position, be flexible.
The hardware are at appropriate position.
Avoid tense situation and posture.

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