Safety and Security

IC3 Digital Literacy Certification, Global Standard 6 (GS6)

4 objectives · Certiport IC3 Digital Literacy GS6

Using technology for long periods can affect your body, and using the internet carries risks to your privacy, money and safety. Universal design aims to make hardware usable by as many people as possible.

Every objective and its key skills

7.1 Avoid health risks and physical harm while using digital technologies

Eye strain: follow the 20-20-20 habit (every 20 minutes look at something about 20 feet, or 6 metres, away for 20 seconds) and reduce glare.

Malware and phishing can steal data or money; do not open unexpected links or attachments.

7.2 Avoid mental health threats while using digital technologies

Catfishing is creating a fake online identity to deceive someone, often to build a relationship, get money or gain personal information.

FOMO, the fear of missing out, is the anxious feeling that others are having better experiences without you.

7.3 Understand device security

Portable media include USB flash drives, external drives, memory cards and phones connected by cable.

Encryption scrambles data so only someone with the correct key, password or PIN can read it.

7.4 Understand file security

Password to open: the file is encrypted and cannot be viewed without the password.

Editing restrictions limit what others can change in a document, even when they can open it.

Common pitfalls

- Universal design is for everyone, not only for people with disabilities.
- Deleting a post does not erase copies or screenshots others have made.
- Encryption protects data if a device is lost, but not if someone already knows your password.
- Mark as final and read-only discourage editing but do not secure a file.

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