Technology Basics

IC3 Digital Literacy Certification, Global Standard 6 (GS6)

3 objectives · Certiport IC3 Digital Literacy GS6

Evaluating hardware and software means matching what a person or team actually needs to what a device or program can deliver. At this level you read specifications, compare minimum and recommended requirements and choose tools that fit the task, the budget and the existing systems.

Every objective and its key skills

1.1 Evaluate software and hardware devices

Minimum requirements are the least a program needs to start; recommended requirements are what it needs to run smoothly. Plan for recommended, not minimum.

Start from the requirements: what tasks, which software, where it will be used and by whom.

1.2 Identify, troubleshoot, and resolve technical problems with assistance

Identify the problem: what exactly happens, when it started, what changed and whether it can be repeated.

Useful details include the device model, operating system and version, installed memory, free storage and the version of the program that fails.

1.3 Understand selected software concepts

A licence is permission to use software under set conditions; buying software usually buys a licence, not ownership of the code.

Many programs number versions as major.minor.patch, for example 4.2.1.

Common pitfalls

- Meeting the minimum requirements does not mean the program will run well.
- Changing several settings at once makes it impossible to know which change helped or caused a new problem.
- Free to download does not mean free to use for any purpose; the licence may limit commercial use.

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