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Statement of participation

Amanda George

has completed the free course including any mandatory tests for:

Introducing ICT systems

This 9-hour free course explained what an ICT system is and how it works, covering the most common means of data storage, manipulation and conveyance.

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COURSE CODE: T175_3

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Introducing ICT systems

Course summary

Information and communication technologies (ICTs) systems now dominate our everyday lives. This free course, Introducing ICT systems, will explain what constitutes such a system and how ICT systems work. You will also look at how ICT systems convey, store and manipulate data, and how they process data. Finally you will learn how these systems are used.

Learning outcomes

By completing this course, the learner should be able to:

- understand the meaning of all the terms highlighted in the text
- demonstrate an awareness of the main processes in an ICT system (sending, receiving, storing, retrieving, manipulating, conveying)
- demonstrate an awareness of some of the hardware, software and communication components used in ICT systems
- use a system map or a block diagram to identify the components of an ICT system
- use the units for conveying data and those for storing data apporpriaterly, including use of the prefixes kilo, mega and giga.

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Introducing ICT systems

Completed study
The learner has completed the following:

Section 1

Describing an ICT system

Section 2

Exploring systems

Section 3

Communication systems

Section 4

System components

Section 5

The processes

Section 6

Communication links

Section 7

Describing an ICT system: conclusion

Section 8

Computers

Section 9

A stand-alone computer

Section 10

Sending and receiving data

Section 11

Manipulating data

Section 12

Storing data

Section 13

Different types of storage

Section 14

Networked computers

Section 15

Computers and communication systems working together

Section 16

ICT systems in a supermarket

Section 17

Taking an overview of ICT systems

Section 18

Electronic commerce

Section 19

Conclusion