

Statement of participation

Ioan Samuel Negrea

has completed the free course including any mandatory tests for:

An introduction to electronics

This free 10-hour course looks at the basic ideas around electronic devices and systems.

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www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:

<https://www.open.edu/openlearn/science-maths-technology/an-introduction-electronics/content-section-0>

COURSE CODE: T212_1

An introduction to electronics

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Course summary

Electronics is fundamental to modern life. Using an interactive website, videos, and easy-to-use electronic circuit design and simulation software, this free course, An introduction to electronics, will show how electronic devices and systems pervade everything we do, and teach some of the basic ideas.

Learning outcomes

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

- recognise a variety of exciting high-tech products and systems enabled by electronics
- manipulate voltages, currents and resistances in electronic circuits
- demonstrate familiarity with basic electronic components and use them to design simple electronic circuits
- see how signals can be represented in the time and frequency domains for Fourier analysis
- record, analyse and filter audio signals to improve their fidelity.

Completed study

The learner has completed the following:

Section 1

Electronics everywhere

Section 2

Basic theory of electrical circuits

Section 3

Some fundamental circuits