

Application Form for Electronics & Communications Technology Training

Please return this form to :

Starting Out In Electronics
SETPPOINT Cumbria
Studio 5
Clawthorpe Hall Business Centre
Burton in Kendal
Carnforth, LA6 1NU

[Please print]

Full Name

Institution

Institution's DfES Number

Address for Correspondence

.....

.....

Work tel

Home tel

Email address

Name of Headteacher or Principal

Signature of Headteacher or Principal, signifying agreement to the above teacher joining the ECT course, on the conditions outlined opposite, and to the provision of an extra £600 for the Design and Technology department for the purchase of equipment and materials to support the development of ECT related activities in both Key Stage 3 and Key Stage 4

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Date

The Electronics in Schools Strategy



Full details of this Strategy are on its website: www.electronicinschools.org

The aim of the initiative is to increase both the numbers of teachers able to teach ECT at Key Stages 3 and 4 and the number of schools that are in a position to offer ECT related course in these phases of education.

Under the Initiative schools are offered four days of free training, generally for a single teacher. This training has to be led by an accredited trainer. In addition funding for up to £400 of ECT equipment is available provided that the school commits to spending a further minimum of £600 on ECT equipment to develop the teaching of ECT in the school. The courses can only be joined by teachers whose headteachers agree to support the development of ECT at KS3 and KS4 in the school.

Following completion of three accreditation tasks (two of which can be completed during the training) participants will gain accreditation from the IEE and the school will gain the right to call itself an ECT accredited school and use the ECT logo.

This is a four day course. Two days of the course are school days for which the school will be paid a fee of up to £130 (including VAT if applicable) per day towards supply cover and travel. Two are Saturdays for which the participant can claim the cover & travel fee personally (this will also be the case if courses fall into school holidays).

Please note that whilst this course is free of charge, a cancellation less than ten working days before the first two days of the course will result in a charge of £360 to the school. Failure to attend will result in a charge of £90 per day.

'Starting out in electronics' is aimed at teachers whose experience of teaching ECT is limited and who wish develop their expertise into this area. A full course overview is overleaf.

For more information on this ECT course please contact:

Tony Gill	e	tony@setpointcumbria.co.uk
	t	01524 784334
	m	07977 512109
John Martin	e	d.j.martin@salford.ac.uk
	t	0161 282 5929
	m	07775 705654

Or see www.steeg.co.uk/courses

Course overview

Starting out in electronics

“Best quality course I have ever attended”

A course for teachers who have no (or little) previous experience of teaching electronics / systems and control.

This four day course will enable you to develop an exciting, design-focussed, modern range of projects at KS3. It will also lay the foundations for you to move towards work at GCSE after further experience and professional development.

“Very well paced, excellent support”

In recent years electronics in schools has benefited greatly from the introduction of low cost programmable controllers that pupils can build into D&T projects.

“Fantastic course, really enjoyed it and gained much”

The first two days of the course will develop the knowledge and skills to support school-based D&T projects incorporating these.

You will:

- ▶ find out how to develop control programs
- ▶ be introduced to electronic construction techniques
- ▶ construct a low cost take-home project suitable for KS3
- ▶ learn techniques to enable pupils to find faults in their own circuits

“The course provided me with a good foundation in ECT”

Days 3 and 4 will focus on the use of CAD and CAM in systems and control.

You will:

- ▶ explore the use of CAD for designing and checking circuits
- ▶ design and make a printed circuit 'from scratch'
- ▶ look at alternatives to programmable control
- ▶ discuss schemes of work enabling progression in systems and control at KS3

Further information will be provided when registration is confirmed.

The University
of Manchester

MANCHESTER
1824

DATA
THE DESIGN AND TECHNOLOGY ASSOCIATION



The Electronics in Schools Strategy

Support for Electronics and Communications Technologies

(ECT) in schools

ECT
in schools



A free 4-day ECT course for Teachers of Design & Technology

£400 of ECT equipment provided to the school
as a part of the course

Teachers paid for attendance on Saturdays

For further information:
www.electronicsinschools.org

Tutor

John Martin, University of Salford
(ECT Accredited trainer)

Venue

St Benedict's Engineering College, Whitehaven

Dates

Starting out in electronics

24th-25th March, 2006

9th-10th June, 2006