

Application Form for Free ECT Events

Please tick boxes to indicate events applied for.
(One form per teacher please, make further copies if required.)

Please return this form to :

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3, Whitelow Rd
Chorlton
Manchester M21 9HQ

Fax: 0871 277 5869

[Please print]

Full Name

Institution

Address

.....

.....

Work tel

Email address

Free four day courses run through The University of Manchester hub

These courses require a separate application form.

For the application form and further information on the four day courses, please see www.steeg.co.uk/courses

'Starting out in electronics'

Aimed at teachers whose experience of teaching ECT is limited and who wish to develop their expertise into this area. The course will enable participants to introduce modern approaches to the teaching of ECT (such as systems and microcontrollers/PICs) into KS3.

*11th & 13th March 2006, 19th & 20th May 2006, The University of Manchester
24th & 25th March 2006, 9th & 10th June 2006, Whitehaven, Cumbria*

'Taking electronics further'

Aimed at teachers who have some experience of teaching ECT, perhaps at KS3, and wish to develop and update their knowledge. The course will enable participants to introduce more modern technologies (such as microcontrollers/PICs) into their teaching and to extend teaching to GCSE.

*18th & 20th March 2006, 16th & 17th June 2006, The University of Manchester
15th & 16th March 2006, 26th & 27th June 2006, Isle of Man*

Developing a modern KS3 ECT unit of work

This development programme is designed to help you modernise your KS3 electronics work and bring it line with the KS3 Strategy.

The programme is in four parts:

- ▶ A workshop focussing on the use and pedagogical impacts of PIC microcontrollers
- ▶ School-based development of an ECT based unit of work for the KS3 curriculum
- ▶ A second workshop in which participants will be supported in trying out their units of work and will each also have a 20 minute personal tutorial to discuss implementation of the activity in their school.
- ▶ Trialling, during the Summer term, of the units of work, with a view to full curricular implementation in the autumn of 2006.

1st PIC workshop: Thurs March 2nd 2006, 1400-1800, University of Manchester

2nd PIC workshop: Thurs April 24th 2006, 0930-1530, University of Manchester

15 places. Further details will be provided to successful applicants

ECT and sustainability workshop

This workshop will focus on issues of sustainability in the use and design of electronic products in the curriculum. Participants will be encouraged to explore a range of materials and activities that could allow pupils to include sustainability features in the electronic products they design, including aspects of power (re-chargeable batteries, solar energy and mechanical (for example spring) energy), materials, and appropriateness.

Participants will take away materials related to sustainability within ECT to allow them to continue development work in their own schools.

Mon March 6th 2006, 0930-1530, University of Manchester

10 places. Further details will be provided to successful applicants

Regional Networking 'Spokes'

These spokes are based in schools and have been established to provide local support to other schools in their area. Each spoke will hold at least one meeting a term for ECT teachers, starting Spring 2006. The focus of each meeting will be determined by local need and is expected to consist of a mixture of updating, practical activity and sharing of good practice.

In the first phase there are three spokes; more will be established as funding becomes available:

Kingsway School, Stockport. Organiser David Leask.

First meeting: 16th Feb

The Radclyffe School, Oldham. Organiser David Taylor.

First meeting: 8th March

Hyde Technology School, Tameside. Organiser Ken Earith.

First meeting: 9th March

Location details and programmes for each spoke can be found at www.steeg.co.uk/lecthub

The Electronics in Schools Strategy

Full details of this Strategy are on its website:

www.electronicsinschools.org

The aim of the Strategy is to increase both the numbers of teachers able to teach Electronics and Communications Technologies 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.

Two main tactics are in place to support this aim. One has been the establishment of regional ECT hubs to support and develop ECT work in their area by responding to local needs.

The University of Manchester hub is one of two supporting ECT in the NW region and works in partnership with local LEAs, SETPoints and Universities. Three accredited ECT trainers are closely linked to the hub; John Martin, David Spendlove and Torben Steeg

The second key tactic is a programme of free four day courses which are led by an accredited trainer. Funding for up to £400 of ECT equipment is available per school provided that the school commits to spending a further minimum of £600 on ECT equipment to support the development of ECT teaching in the school.

Further information on 4 day courses being run via the Manchester ECT hub, including application forms, can be found at www.steeg.co.uk/courses

Courses run by other providers are posted at www.electronicsinschools.org

Free events for teachers of D&T that are being run by The University of Manchester hub during the academic year 2005-2006 are described in this leaflet.

For more information please contact Torben Steeg on:

07801 541 690 or torben@steeg.co.uk or see www.steeg.co.uk/ecthub



The University
of Manchester

The Electronics in Schools Strategy

Support for Electronics and Communications Technologies
(ECT) in schools

The University of Manchester

ECT Hub

Programme of Free Events for Teachers

2005-2006