

## New Courses for D&T teachers

The Science Learning Centres have created a series of brand new courses for D&T teachers focusing on the essential elements of systems and control technology to enable pupils to embed this technology into products they design and make.

Both courses will provide participants with a range of kit to take away which will help to establish the ideas in the classroom.

### Impact Awards

Thanks to funding from DCSF these courses qualify for an Impact Award of £200 cash back per training day. The Impact Award will pay for your fees and also contribute towards your other costs. Any teacher or lecturer from a maintained school or college can apply.



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### EEC09305 : Let's Make It Work

**Date: 14 May 2010 Venue: Science Learning Centre East of England, Bayfordbury**  
**Fee: £140 (includes Free resources)**

This course focuses on the essential elements of systems and control technology to enable pupils to embed control technology into products that they design and make. It uses PICAXE: a low cost but sophisticated peripheral interface controller system which is supported by free programming software.

Teachers will learn how to build small products using feedback systems incorporating sense and control devices. These can be replicated by their pupils enabling them to use the knowledge in the design of their own individual products.

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### EEC09306 : Let's Make It Move

**Date: 9 June 2010 Venue: Hethel Engineering Centre, Norwich**  
**Fee: £130**

Presented by the Design and Technology Association in association with the National STEM Centre and the Royal Academy of Engineering, this course has been developed to support D&T teachers and their essential contribution to the STEM agenda at KS3. It is aimed at teachers and schools who currently have limited knowledge and experience of systems and control.

This course will provide ideas for developing the mechanical control aspects of their schemes of work. It provides the opportunity to work with low cost resources that can be used at both KS3 and 4 by pupils designing and making products that require mechanical devices embedded within them. The associated science relating to their use is explored enabling cross curricular approaches to learning.

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### Follow-up support

Following the course, further support will be available via the Digital D&T Support Centres. In addition, there is a vast amount of online information available to course delegates from the Electronics in Schools Strategy website: <http://www.electronicsinschools.org/>

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**BOOK NOW TO SECURE YOUR PLACE.  
SEE OVER FOR BOOKING FORM.**



# Science Learning Centre East of England Course Booking Form

**PLEASE PHOTOCOPY THIS FORM AND RETURN TO THE ADDRESS BELOW**

Title of Course:

Date of Course:

Venue of Course:

Fee:

An invoice will be sent to your School/College/Organisation.  
Cheques must be made payable to: **University of Hertfordshire**

Please note that your completion and submission of this booking form is taken as acceptance of our Terms and Conditions which can be found at: [www.sciencelearningcentres.org.uk/east](http://www.sciencelearningcentres.org.uk/east). Complete all sections fully in block capitals. Please contact us if you would like a printed copy of the terms and conditions.

## Delegate Details

First Name

Last Name

Title

Key Stage

School/College/Organisation

Please indicate whether your school/college is : Independent /State Maintained (LEA) (please delete as applicable)

Address

Postcode

Personal Email\* (please print clearly)

Tel

Fax

Booking Authorised by

Position Held

\*The email address you give when you apply will be used to send you all joining instructions and information about your course. Please make sure you can be contacted directly with this address.

**FAX BACK TO: 01992 537805**

or PHONE: 01992 503498 EMAIL: [Admin.EastEngland@herts.ac.uk](mailto:Admin.EastEngland@herts.ac.uk)

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Science Learning Centre East of England is run by the University of Hertfordshire in partnership with ASE (Association for Science Education), Hertfordshire LEA, SETPOINT Hertfordshire and TSN Norfolk.

The national network of Science Learning Centres is a joint initiative by the Department for Children, Schools and Families and the Wellcome Trust.