



Carrying out Junior Cert Science Investigations (Coursework B) using Datalogging

The overall aim of the course is to provide up-skilling to teachers in the use of datalogging to help them carry out the Junior Science Investigations with their pupils. No previous knowledge of datalogging is assumed.

At completion of this course participants will be able to:

- Carry out all three Coursework B Investigations with confidence using datalogging technology.
- Use temperature sensors, pressure sensors, pH sensors and carbon dioxide sensors to gather and analyse data related to the Coursework B investigations.
- Discuss the use of datalogging in promoting inquiry-based learning in the classroom in the context of Coursework B Investigations and teaching Junior Certificate science.
- Appreciate how datalogging helps students to plan Investigations, gather data and analyse and discuss their results.

The emphasis in the course is on “hands on” activities and most of the day will be spent on laboratory practical work. The course tutors will be fellow science teachers. Please note that the datalogging system being used in this course is the PASCO datalogging system for schools. It may be possible to organise future courses using other datalogging systems. Due to the high emphasis on laboratory practical work, places are limited and will be allocated on a first-come first served basis.

Course Venue	Course Date	Time
Science Ed Laboratories,UCC	Saturday February 12, 2011	9.30 - 16.00

The new Science Education Laboratories are on the ground floor, Science Building, UCC. Specific queries regarding the course content should be directed to Dr Declan Kennedy, Department of Education, UCC. E-mail: d.kennedy@ucc.ie Tel: 086 1002226

Due to the high emphasis on laboratory practical work, places are limited and will be allocated on a first-come first served basis.

To apply for a place email your name, number and school details to Bríd Finn at sciences@pdst.ie or fax completed application form to 061 585065.



Application form for PDST Sciences and Applied Maths Courses

PHOTOCOPY AS NECESSARY

One applicant/one course per form.

Please apply as soon as possible.

Name:

School:

School Address:

School Phone:	Fax:
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Teacher Email: Teacher Mobile:	School Roll No:
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Course Title:
Course Venue:
Course Date:

Applicant's Signature:

Date:

Please return to the PDST Sciences and Applied Maths Administrator,
Limerick Education Centre, 1st Floor, Marshal House, Dooradoyle, Limerick *or*
email to sciences@pdst.ie or fax to 061- 585065.
Confirmation of places will be sent by email or text.