

This course counts as ten days CPD under the CIWEM CPD scheme

## SUDS Online @ Abertay

### Course Objectives

The short course will equip students with:

- An understanding of the need for and the principles of SUDS systems
- Ability to develop different SUDS strategies appropriate to local circumstances
- Knowledge to design component parts of SUDS systems
- Skills to liaise with other professionals in the planning and implementation of SUDS systems

### Learning Outcomes

At the end of module, students should be able to:

- Critically appraise urban drainage procedures
- Undertake the evaluation of alternative proposals for planning and implementing SUDS systems
- Design component parts of SUDS systems
- Communicate effectively with other professionals, on issues of urban drainage and on measures necessary to achieve water quality and environmental objectives
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### Who should enrol?

The course is designed both for experienced staff wishing to learn from themselves about SUDS systems, and for younger professionals who require a basic knowledge of modern approaches to drainage systems.

- Design engineers requiring the additional knowledge of SUDS systems
- EA/ SEPA site planning staff
- Local authority planners and engineering staff
- Developers and housebuilders needing to comply with latest good practice
- Architects and landscape architects seeking to incorporate drainage into the natural environment

### What you need

- A PC with the specification which follows
- You will need to spend around 10 hours per week for twelve weeks on the course
- You are expected to have a degree in science, engineering or other appropriate discipline – but we will not check your qualifications
- The enrolment fee of £400

### What you get

- The latest thinking on SUDS planning, implementation and design
- Online access to the course tutor at the University of Abertay Dundee for a period of twelve weeks
- Rapid response to questions and problems
- Design methodologies, which meet the new CIRIA guidance, published in 2005/2006
- A range of case study examples of SUDS systems, which have been implemented
- Abertay SUDS CD containing back up resources
- Book & DVD "Diffuse Pollution" by Campbell et al
- Hundreds of photographic images including a virtual drainage presentation
- Progress through self-test exercises

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### How to Apply

Please complete the attached application form and return it to us as soon as possible. Tell us your preferred payment method and you will receive the support CD and enrolment instructions in time for the course start on 22<sup>nd</sup> September 2008. Alternatively, complete the online form at:

[http://www.uwtc.tay.ac.uk/Site/SUDSonlinecourse\\_reg.htm](http://www.uwtc.tay.ac.uk/Site/SUDSonlinecourse_reg.htm)

### Specification for your PC

#### Hardware

PC with 200Mhz or faster processor, 32 MB RAM  
100Megabytes of Hard Disk space sufficient to store all plugins, non-standard software and Internet cache for downloaded graphics. 4x or faster CD-ROM drive  
Sound card Sound Blaster 16 bit or equivalent. Speakers or headphones  
Graphics display capable of at least 800x600 resolution in 256 colours  
56Kbps or faster modem/internet connection

#### Software

Windows 95, 98, Me, NT or 2000 operating system  
Internet Explorer 4 or 5, Netscape Navigator 4 or above (but not Navigator 6)  
MS Word, PowerPoint and Excel (97).

Course Tutor: **Professor Chris Jefferies BSc, MSc, PhD, CEng, MICE, MCIWEM**

## SUDS Online Application Form (Sustainable Urban Drainage Systems)

Applications for the course starting on 22<sup>nd</sup> September 2008

I wish to register for SUDS Online

<b>Title:</b>	
<b>Firstname:</b>	
<b>Surname:</b>	
<b>Date of Birth:</b>	
<b>Address:</b>	
<b>Town:</b>	
<b>Postcode:</b>	
<b>Telephone:</b>	
<b>Email:</b>	
<b>Invoice Address (if different to above):</b>	

**Contact: Leanne Gallagher**  
**Urban Water Technology Centre**  
**University of Abertay Dundee, Bell Street, Dundee, DD1 1HG**  
[www.uwtc.tay.ac.uk](http://www.uwtc.tay.ac.uk)  
**Tel: 01382 308170 Fax: 01382 308117 Email: uwtc@abertay.ac.uk**