

## 'Inside ZigBee™' - The Next Generation Network

ZigBee™ is an innovative new wireless networking system that can be used to control numerous low power devices such as lighting and heating controls from a central housing control unit, reducing the need for individual controllers. In industry, it is used on a larger scale for next generation automated manufacturing, with small transmitters in every device in the factory allowing for communication between devices to a central computer.

'Inside ZigBee™' is a short accredited course exploring the electrical principles behind the innovative ZigBee™ wireless system and how it can be utilised effectively in our everyday lives, both at work and at home. It is an ideal course for those learners looking to create an impressive ICT portfolio and develop their knowledge of digital and wireless network communications.

## 'Inside the Internet' - Exploring the Global Highway!

In the U.K today, over 35 million people regularly use the internet and this number is ever increasing. But as digital communication becomes commonplace and easier to access, are you ready for the new age of the internet?

'Inside the Internet' is a short accredited course that will help you to understand how the internet works and how its functions can be integrated and used in our everyday lives. It is an ideal course for those learners seeking to broaden their knowledge of the internet and expand and develop their ICT skills.

The course will explore the fundamental building blocks of the internet and develop to cover the more advanced functions of network protocols.

## Inside Your Mobile Phone

A look at the technology that makes it work! A short accredited course looking at modern digital communications. The course will look at the components of a mobile telephone communications system; its structure and command protocols; and at text messaging. It will also experiment with the microcontroller that controls modern devices and see the effect of the messages it sends and receives.

## Photoshop and Digital Photography

You will learn the basics of Photoshop, digital photography and image editing. The course will cover creating and sourcing photographic images and optimising these using Photoshop tools and techniques including Adjustments, Levels, Layers, Filters and Effects. By the end of the course you will have created a self-initiated Photoshop and/or digital photography project.

## Web Design using Adobe Dreamweaver

You will be introduced to web design and will learn the basics of Dreamweaver software and how to assemble and publish a website. The course will cover the essentials of planning, page design and creating menus and interactivity. By the end of the courses you will have created and uploaded a working prototype website

## Animation using Adobe Flash

You will be introduced to the principles of animation and how animation is used on the Web. You will learn how to assemble animations using Flash and will cover techniques such as Motion Tweening, Frame Animation, Shape Tweening and Motion Guides. You will be shown how to convert your animations into Web applications such as Splash or Startup pages and Web banners. By the end of the course, you will have produced an animation and converted it for Web usage

For more information on any of the courses and to book your free place call 01723 507284

Whitby Community College & Green Lane Centre, Whitby

# Digital Media Courses

Want to get to grips with digital technology?



**FREE EXPERT SESSIONS**

**FREE ACCREDITED COURSES**

**01723 507284**

Call today for further information or to book *your* place!



THE UNIVERSITY OF HULL @ SCARBOROUGH



Yorkshire & Humber East  
LIFELONG LEARNING NETWORK



# FREE EXPERT SESSIONS

VENUE - GREEN LANE CENTRE, WHITBY

Code	Course	Day	Date	Time
Exp 1	Introduction to Photoshop <b>FREE</b>	Sat	10th January 2009	10am - 12pm
Exp 2	Get to know your digital camera <b>FREE</b>	Sat	17th January 2009	10am - 12pm
Exp 3	Design a simple website using Adobe Dreamweaver <b>FREE</b>	Sat	28th February 2009	10am - 12pm
Exp 4	Websites that Work! With Steve Bromham of Save 9 Internet <b>FREE</b>	Sat	7th March 2009	10am - 12pm
Exp 5	A practising designer's perspective with Adrian Riley, Electric Angel Design <b>FREE</b>	Sat	14th March 2009	10am - 12pm
Exp 6	Create an animation using Adobe Flash <b>FREE</b>	Sat	16th May 2009	10am - 12pm
Exp 7	Get to know your digital video camcorder <b>FREE</b>	Sat	25th July 2009	10am - 12pm

# FREE ACCREDITED COURSES

VENUE - GREEN LANE CENTRE, WHITBY

Code	Course	Day	Date	Time
Course 1	Introduction to Photoshop and digital photography <b>FREE</b>	Mon	19/01/09 - 16/03/09	6.15pm - 9pm
Course 2	Web design using Adobe Dreamweaver <b>FREE</b>	Thu	19/03/09 - 21/05/09	6.15pm - 9pm
Course 3	Web animation using Adobe Flash <b>FREE</b>	Mon	1/06/09 - 20/07/09	6.15pm - 9pm

All courses will take place at the Green Lane Centre, Whitby. To enrol, please call 01723 507284.

All the free courses offered are accredited by the University of Hull. They provide an ideal starting point for those hoping to progress into higher education. On successful completion of each course learners will be awarded 10 University foundation Award credits, an excellent way to build your CV and show evidence of higher level skills.

## TO BOOK YOUR PLACE CALL 01723 507284 TODAY!

# FREE ACCREDITED COURSES

VENUE - WHITBY COMMUNITY COLLEGE

**Inside Your Mobile Phone** - A look at the technology that makes it work! A short accredited course looking at a range of features and functions of modern digital devices. The course will look at - the components of a mobile telephony communications system; recognise structure and command protocols; text messaging - how does it work; the role of the microcontroller in modern devices; sending and receiving data.

Code	Course	Day	Date	Time
Exp 1	Information session - Inside Your Mobile Phone <b>FREE</b>	Tue	27th January 2009	6 - 8 pm
Course 1	Inside Your Mobile Phone <b>FREE</b>	Tue	03/02/09 - 17/03/09	6 - 9 pm

**Inside The Internet** - A short accredited course looking at a range of protocols which will help you understand how the internet works.

Code	Course	Day	Date	Time
Exp 2	Information session - Inside The Internet <b>FREE</b>	Tue	24th March 2009	6 - 8 pm
Course 2	Inside The Internet <b>FREE</b>	Tue	31/03/09 - 19/05/09	6 - 9 pm

**Inside 'ZigBee'** - A short accredited course looking at the electrical principles behind ZigBee. The course will look at - how ZigBee can control a range of domestic electrical appliances using a microcontroller; apply an addressing scheme; use common commands and syntax.

Code	Course	Day	Date	Time
Exp 3	Info session - Inside 'ZigBee' <b>FREE</b>	Tue	2nd June 2009	6 - 8 pm
Course 3	Inside 'ZigBee' <b>FREE</b>	Tue	09/06/09 - 14/07/09	6 - 9 pm

**TO BOOK YOUR PLACE CALL 01723 507284 TODAY!**