Welcome to the Computing section in which we’re offering courses that range from those for complete beginners to those for learners who already have strong programming skills. This year, there are three new courses. In response to popular demand, we’ve developed a third Adobe Photoshop course to allow Photoshop users to hone their skills further and a new general programming language, C#, for those who want to build applications for the .NET platform. Another exciting new course is A Parent’s Guide to the Internet which will introduce parents to some of the ways in which children use the Internet and will show them methods to keep their children’s time on the Internet both safe and legal.

Are you computer literate?
Computer courses – other than Computing for Older Adults, Computing 1, Computers for the Terrified – require students to be computer literate. This means that you should be fully familiar with using a keyboard and a mouse or some other input method on a PC. You should also be comfortable with using Windows, menus, icons, filenames and folders, and saving and opening files.

A Parent’s Guide to the Internet
Horacio Gonzalez-Velez BSc MSc Dip SA
As more and more children learn to use the Internet, parents can feel at a loss as to how to ensure that they are using this technology safely and legally. Through hands-on workshops, this course introduces parents to some of the popular on-line activities in which children engage (chat rooms, virtual leisure, music and video file swapping), explains the differences between fair use and copyright infringement, suggests ways of reducing the risk of accessing obscene information and demonstrates methods of effective searching and information evaluation. Participants should be computer literate and familiar with using a web browser such as Internet Explorer.

Course 1: C239
Mons from 16 Jan (3 weeks)
6.30pm–8.30pm
Turing Room
15 Buccleuch Place
£50 Full fee only.

Course 2: C241
Weds from 11 Jan
9.30am–11.30am
Turing Room
15 Buccleuch Place
£50 Full fee only.

Adobe Photoshop 1: Creative Digital Graphics
Sandra Gordon BA
An introduction to creating and manipulating images and graphics using Adobe Photoshop. This practical course will show you how to work successfully with colour, produce line-images, repair and transform photographs, and create and optimise web images. No prior knowledge is required but you should be computer literate.

Course 1: C239
Tues from
10 Jan (10 weeks)
9.30am–11.30am
Turing Room
15 Buccleuch Place
£150 Full fee only.

Course 2: C241
Weds from
11 Jan (10 weeks)
9.30am–11.30am
Turing Room
15 Buccleuch Place
£150 Full fee only.

Adobe Photoshop 2: Extending Skills & Techniques
Sandra Gordon BA
Continuing on from Adobe Photoshop 1: Creative Digital Graphics, this practical course will help you develop further skills in transforming photographs and in creating interesting and complex images. You’ll learn how to use path tools, apply colour adjustments and employ perspective and skew, and discover more drawing, painting and selection tools. All students must have done the beginners course or be familiar with Photoshop to an equivalent level.

Course 1: C241
Weds from 11 Jan
9.30am–11.30am
Turing Room
15 Buccleuch Place
£150 Full fee only.

Course 2: C242
Weds from
19 Apr (10 weeks)
9.30am–11.30am
Turing Room
15 Buccleuch Place
£150 Full fee only.
Adobe Photoshop 3: Quality & Efficiency
Sandra Gordon BA
Fine-tune your Photoshop skills by learning new tips, tricks and skills in this five-week course. Simulate photographic studio shots, impress the right audience with well-designed websites and create inspired graphic designs. Be more productive by getting to know Photoshop’s shortcuts. Students should have attended the first two Photoshop courses or have the same level of proficiency.

Course C346
Tues from 18 Apr (5 weeks)
12.30pm–2.30pm
Turing Room
15 Buccleuch Place
£75 Full fee only.

Computer Graphics for Beginners
Diane Mitchell BSc Hons
This all-encompassing beginners’ guide to computer graphics uses CorelDraw and CorelPhotopaint to help you learn how to create your own graphics from scratch, edit photographs, prepare images for the web and even how to create a basic website. Let your creativity run wild! Students must be computer literate.

Course 1: C118
Mons from 26 Sept (10 weeks)
9.30am–11.30am
Napier Room
9 Buccleuch Place
£120 Full fee only
5 Credits

Course 2: C219
(repeat of Course 1)
Tues from 10 Jan (10 weeks)
9.30am–11.30am
Turing Room
15 Buccleuch Place
£120 Full fee only
5 Credits

Computing for Older Adults
Nick Timmins MA MA CEng FIEE FBCS
A gentle introduction to computing for older adults, combining practical skills with an understanding of the technology involved. The course will cover the basics at a leisurely pace, including such things as Windows, word-processing and the Internet. No prior knowledge is required.

Course 1: C115
Tues from 27 Sept (10 weeks)
9.30am–11.30am
Turing Room
15 Buccleuch Place
£120 Full fee only

Course 2: C216
(repeat of Course 1)
Thurs from 12 Jan (10 weeks)
9.30am–11.30am
Turing Room
15 Buccleuch Place
£120 Full fee only

Computing I
Peter Scott BA, Jim Trappitt BSc MSc & Beth Egan
A beginners’ guide to using a personal computer. Learn how to work with a mouse or keyboard, create and save files and print them out. Get an insight into some of the many useful tasks for which computers are used and develop practical skills in four of these: word-processing, spreadsheets, creating graphics and searching the Internet. No prior knowledge is required but do note that this course is more intensive than Computers for the Terrified.

Course 1: C105
Mons from 26 Sept (10 weeks)
6.30pm–8.30pm
Turing Room
15 Buccleuch Place
£120 Full fee only

Course 2: C206
(repeat of Course 1)
Weds from 11 Jan (10 weeks)
6.30pm–8.30pm
Turing Room
15 Buccleuch Place
£120 Full fee only

Computing II
Noel S Millar BSc MEd
Nick Timmins MA MA CEng FIEE FBCS & Jim Trappitt BSc MSc
You’ve learned four of the common uses for computers, now learn another four! This follow-on course from Computing I introduces you to a further quartet of computer tasks – databases, presentation, desktop publishing and web authoring. Find out how to use
these to store and retrieve information, prepare interesting and informative presentations, produce practical publications and create your own simple website. All students must either have taken Computing I or be computer literate to an equivalent standard.

Course 1: C110  
Weds from 28 Sept  
(10 weeks)  
9.30am–11.30am  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 2: C111  
Weds from 28 Sept  
(10 weeks)  
9.30am–11.30am  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 3: C112  
Weds from 28 Sept  
(10 weeks)  
9.30am–11.30am  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 4: C113  
Weds from 28 Sept  
(10 weeks)  
9.30am–11.30am  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 5: C114  
Weds from 28 Sept  
(10 weeks)  
9.30am–11.30am  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 1: C131  
Thurs from 29 Sept  
(10 weeks)  
6.30pm–8.30pm  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 2: C232  
(repeat of Course 1)  
Weds from 11 Jan  
(10 weeks)  
3.30pm–5.30pm  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Dreamweaver MX for Beginners  
Cuna Ekmekcioglu BSc MSc PhD  
Learn, step-by-step, how to create an appealing website from scratch. Find out about the most critical things you must do before putting your website on-line. This course will not only show you how to use Dreamweaver but will also explain the HTML tags and how to make your pages accessible to everyone regardless of disability. All students must already be computer literate.

Course 1: C120  
Tues from 27 Sept  
(10 weeks)  
6.30pm–8.30pm  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 2: C221  
(repeat of Course 1)  
Tues from 27 Sept  
(10 weeks)  
6.30pm–8.30pm  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

HTML: An Introduction to Writing web Pages  
Keith Brown MA MSc Dip IS  
Create your own web pages using nothing more than a text editor like Notepad. This introduction to HTML, the language of the web, shows you how to use markup tags to produce interesting, attractive and effective websites. Discover how to use hyperlinks, images, tables, frames and stylesheets to improve your site. All students must be computer literate and should be familiar with using the web, although no previous experience of working with HTML is required.

Course 1: C127  
Weds from 28 Sept  
(10 weeks)  
6.30pm–8.30pm  
Napier Room  
9 Buccleuch Place  
£120 Full fee only.

Course 2: C224  
(repeat of Course 1)  
Weds from 19 Apr  
(10 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£120 Full fee only.

Course 3: C325  
(repeat of Course 1)  
Weds from 28 Sept  
(10 weeks)  
6.30pm–8.30pm  
Napier Room  
9 Buccleuch Place  
£150/£100 conc.  
10 Credits  
15 Buccleuch Place  
£150/£100 conc.  
10 Credits

Java for Beginners  
Manolis Mavrikis MSc BSc  
This very practical course provides an introduction to programming in Java. Starting from basic programming constructs such as data variables and loops, the course moves on to explore Object-Oriented Programming (OOP) and its application in web applets and Graphical User Interfaces. Students should have at least a working knowledge of using Microsoft Windows.

Course 1: C123  
Tues from 27 Sept  
(11 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£150/£100 conc.  
10 Credits

Course 2: C224  
(repeat of Course 1)  
Tues from 18 Apr  
(11 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£150/£100 conc.  
10 Credits

Java II  
Manuel Marques-Pita BSc  
This follow-up to Java for Beginners reinforces students’ basic understanding of using classes and objects while, at the same time, introducing some more advanced concepts of using object-oriented Java.

Course 1: C123  
Tues from 27 Sept  
(11 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£150/£100 conc.  
10 Credits

Course 2: C224  
(repeat of Course 1)  
Tues from 18 Apr  
(11 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£150/£100 conc.  
10 Credits
an extended project, students will learn how to build a complete system in Java that utilises Graphical User Interfaces, multi-threading of processes and distributed (or networked) applications. Students should be familiar with, and confident about using, the basic constructs of objects and classes within Java.

**Course 1: C243**  
Tues from 10 Jan  
6.30pm–8.30pm  
Napier Room  
9 Buccleuch Place  
£150/£100 conc.  
10 Credits

**JavaScript for Beginners**  
Daniel Winterstein MA MSc  
A web publishing course for those who want to go beyond HTML into the world of JavaScript to make the web interactive. All students must be computer literate and should have a good grasp of HTML. Previous programming experience would help but the course is intended for students who are new to programming – experienced programmers please note!  
**Course C126**  
Thurs from 29 Sept  
(11 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£120/£80 conc.  
10 Credits

**Programming with C#: an Introduction**  
Mykel J Kochenderfer BSc MSc  
An introduction to C#, a general programming language. C# is a modern, object-oriented language for building applications for the new .NET platform. This course introduces object-oriented programming fundamentals, C# language features, the .NET framework, UI design, and XML web services. Students should be computer literate although no previous experience of programming is assumed.  
**Course 1: C129**  
Weds from 28 Sept  
(11 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£120/£80 conc.  
10 Credits

**Course 2: C230**  
(repeat of Course 1)  
Weds from 11 Jan  
(11 weeks)  
6.30pm–8.30pm  
Turing Room  
15 Buccleuch Place  
£120/£80 conc.  
10 Credits

**Web Development with PHP**  
Keith Brown MA MSc Dip IS  
An introduction to web programming with PHP (hypertext preprocessor). A popular, free and easy-to-use yet powerful server-side embedded scripting language available for both Windows and Unix (Mac/Linux). This three-day intensive course will look at the creation of dynamic and database-driven websites, illustrating basic principles using a series of worked examples through which students will create a simple yet fully functional content management system (CMS). Students should be computer literate and have experience of using HTML, although no previous programming experience is assumed.  
**Course C245**  
28th, 29th & 30th March  
(3 Days) 9.30am–4.30pm  
Turing Room  
15 Buccleuch Place  
£120 Full fee only.

**Working with Digital Photographs**  
Sandra Gordon BA  
This one-day course provides an introduction to fixing and manipulating your digital photographs. Learn how to improve them by changing brightness, colour and composition. Manipulate them by adding or removing people and altering backgrounds. Enhance them by eliminating red eye and blemishes. Discover how to organise your photographs by adding tags to identify people, places and events. Also, learn how to make creations such as photo albums, greetings cards, slideshows and web photo galleries. Students should be computer literate but an introduction to working with files and folders will be given.  
**Course 1: C136**  
Mon 21st Nov  
(1 Day)  
9.30am–4.30pm  
Turing Room  
15 Buccleuch Place  
£120 Full fee only.

**Course 2: C237**  
(repeat of Course 1)  
Mon 20th Feb  
(1 Day)  
9.30am–4.30pm  
Turing Room  
15 Buccleuch Place  
£50 Full fee only.

**Course 3: C338**  
(repeat of Course 1)  
Thurs 4th May  
(1 Day)  
9.30am–4.30pm  
Turing Room  
15 Buccleuch Place  
£50 Full fee only.