

MOOCs and UK Higher Education: a rapidly evolving world

Su White, Web and Internet Science
University of Southampton

Presentation to UCL Digital Publishing Forum:
Digital textbooks and learning resources
University College London, 23 March 2014

Web and Internet Science Research Group

CITE



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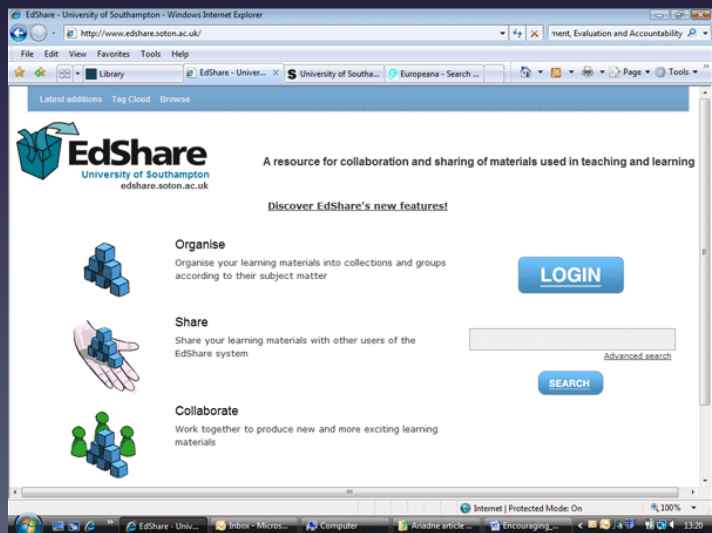
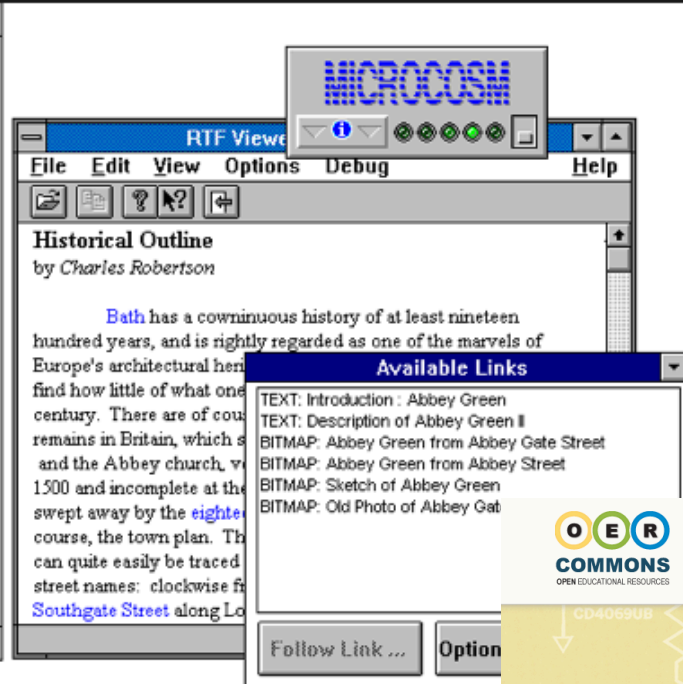
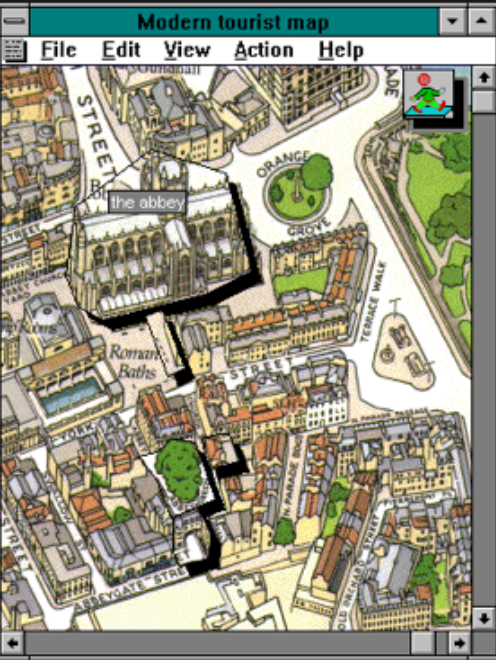
How can the CITE team help you?

We aim to provide academic and support staff with advice and assistance to help them make effective use of learning technologies. We can work with individuals, but would prefer to work with module or programme leaders to develop a more coordinated approach to curriculum development that includes technology enhanced learning. We have a broad knowledge of the systems available within

Latest CITE tweets



GraemeEarl
@davidgauntlett foiled by char limit :-> I thought it would be interesting to collect #referring to modules < @CITEsoton
2 days ago · reply · retweet · favorite



Why am I here?

**AT SOUTHAMPTON WE'VE DONE
MOOCS...**

FL context



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 UNIVERSITY OF
Southampton

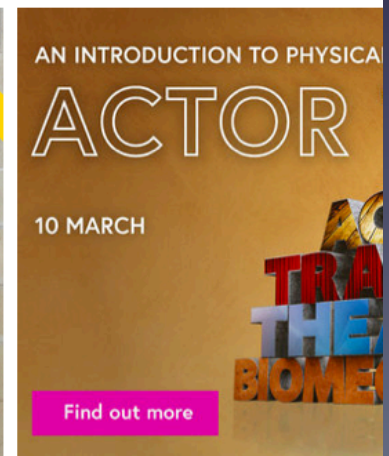


The **British**
Museum

THE UNIVERSITY OF
WARWICK



Featured courses





WEEK 1: WHAT IS WEB SCIENCE?

17 weeks ago

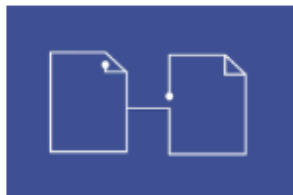


Week 1 - opening conversation

Web Science aims to describe, understand and contribute to the evolving World Wide Web. By the end of this first week, you will have a good understanding of how Web Science does this.

1.1

OPENING CONVERSATION: WHAT IS WEB SCIENCE? VIDEO



Getting Started

Welcome to Web Science: How the Web is Changing the World. You will find information about the Course structure, assessment and some tips on helping you study effectively. We would like to introduce you to the Course Educators.

What is
Web Science?



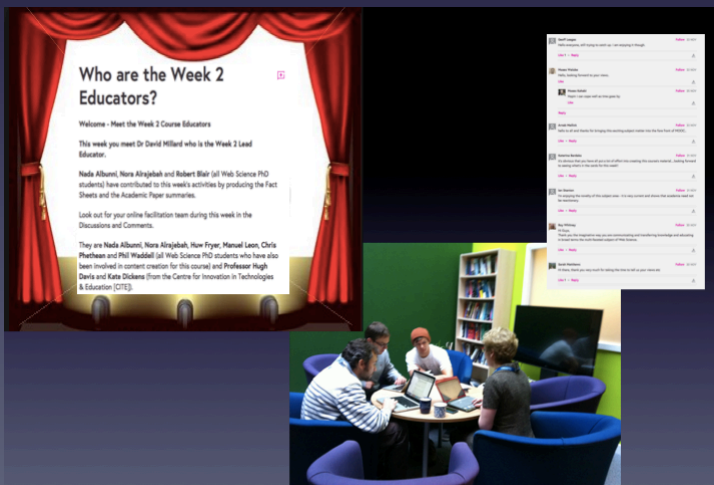
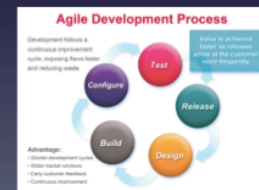
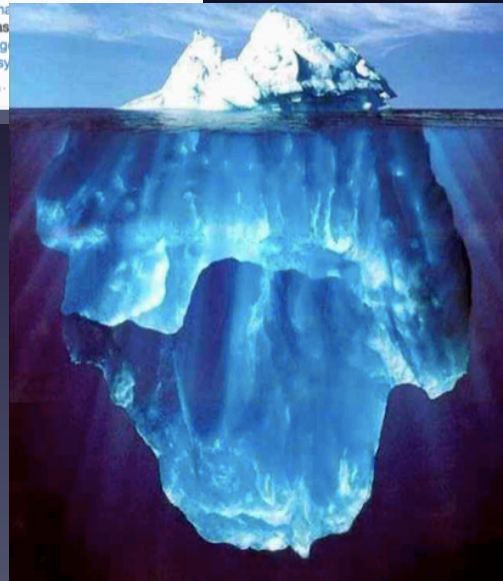
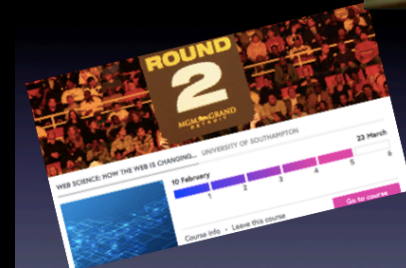
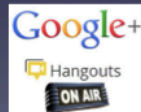


Week 1 - Closing Conversation

The first in a weekly series of dialogues between Professor Dame Wendy Hall & Professor Sir Nigel Shadbolt (leading academics in Web Science from the University of Southampton).

1.18

CLOSING CONVERSATION: THE ORIGINS OF THE WEB VIDEO



But hold on, what's the back story?

MOOCS AND PREHISTORY



Connectivism and Connective Knowledge 2011

Original
2008

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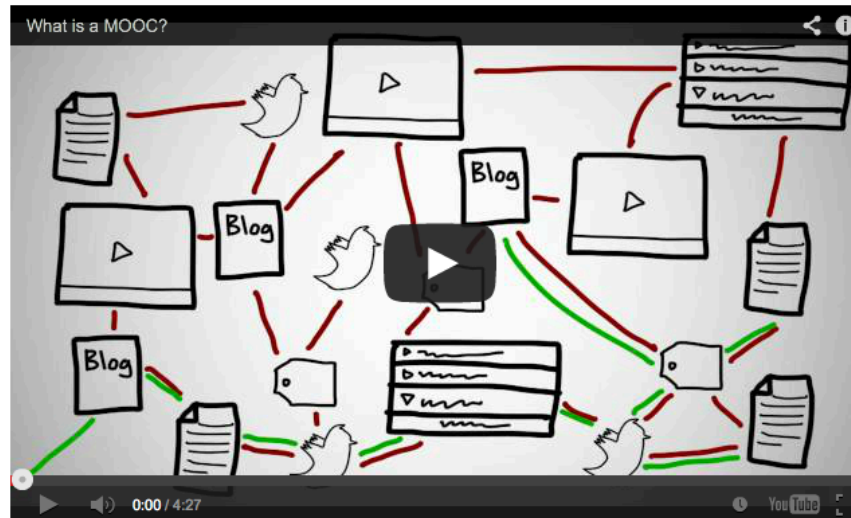
Welcome to CCK11

Connectivism and Connective Knowledge is an open online course that over 12 weeks explores the concepts of connectivism and connective knowledge and explore their application as a framework for theories of teaching and learning. Participation is open to everyone and there are no fees or subscriptions required.

[Register Here](#)

The course will outline a connectivist understanding of educational systems of the future. It will help participants make sense of the transformative impact of technology in teaching and learning over the last decade. The voices calling for reform do so from many perspectives, with some suggesting 'new learners' require different learning models, others suggesting reform is needed due to globalization and increased competition, and still others suggesting technology is the salvation for the shortfalls evident in the system today. While each of these views tell us about the need for change, they overlook the primary reasons why change is required.

For a quick introduction to connectivist courses and how they work, please view the videos below.



- [Success in a MOOC](#)
- [Knowledge in a MOOC](#)

On this site we will be providing information about moocs and listings of available moocs. Watch this page announcements regarding upcoming offerings.



Back, back story 1985, 2001, 2006 ->



Our History

In 1999, MIT Faculty considered how to use the Internet in pursuit of MIT's mission—to advance knowledge and educate students—and in 2000 proposed OCW. MIT published the first proof-of-concept site in 2002, containing 50 courses. By November 2007, MIT completed the initial publication of virtually the entire curriculum, over 1,800 courses in 33 academic disciplines. Going forward, OCW will continue to publish existing courses and adding new content and services to the site.

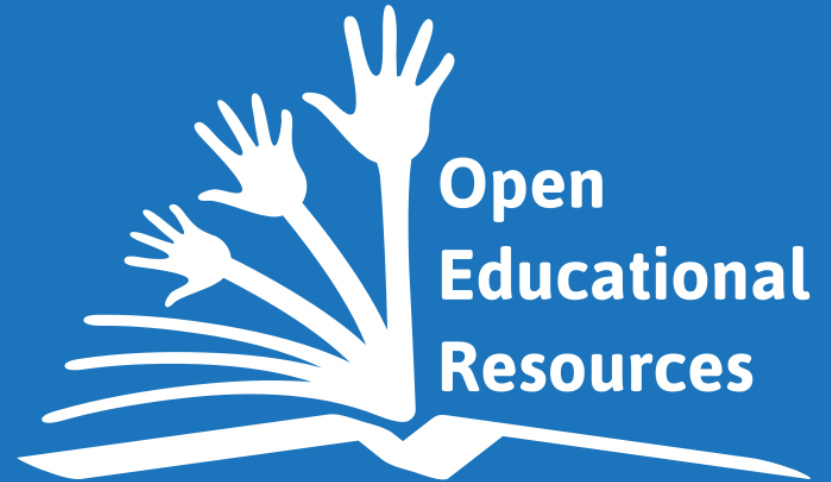
[The Milestone Celebration](#) held on November 28, 2007, marking the completion of the initial

published in *The New York Times*.

published
goes live with 50 courses.
Portuguese translations added.

s published
in October 2003.
translations added.

s published
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What is The WELL?

Welcome to a gathering that's like none other.

The WELL, launched in 1985 as the *Whole Earth 'Lectronic Link*, provides a watering hole for some articulate and playful thinkers from all walks of life. Why is this conversation so treasured? It's all about who's here. [\[Learn more about The WELL...\]](#)

Where in The WELL are you?

Eric Gower, cookbook author

One of the harder aspects of being on The WELL is culling down the number of conferences I visit; there's just too much good stuff! But I especially like the two food conferences, [Cooking](#) and [Chow.ind](#). They're fun and they're a fount of great, useful info. I also find the [Travel](#) conference invaluable: no matter where you're headed, wellperns have not only already been there, they'll have made compelling arguments about what to do (and what NOT to do) once you're there. [\[See more people, more suggestions...\]](#)

What are you lookin' at?



@sookn <http://eprints.soton.ac.uk/id/eprint/363095>

WIKIVERSITY

English

Open Learning Community
25 000+ learning resources

Français

Communauté pédagogique
11 000+ pages

Deutsch

Lernen und Lehren
9 000+ Seiten

Česky

Volně dostupné vzdělání
3 000+ stránky

Português

A universidade livre
1 000+ páginas

العربية

أدوات التعلم
800+ مقالا

Русский

Обучение
5 000+ статей

Italiano

L'università libera
2 000+ lezioni

Español

Plataforma educativa libre
1 000+ páginas

Suomi

Vapaa oppimisympäristö
500+ artikkeliä

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MOOC List

Average: 10 (1 vote)

Humanities, Music, Film & Audio, Beethoven, Piano, Sonata, Music

The Science of Gastronomy (Coursera)

Mar 14th 2014 Courses English

This course introduces students to elements of science behind cooking, cuisine preparation and the enjoyment of food. The ultimate goal is to help students recognize the importance of scientific principles being applied in everyday life, so that they will appreciate and be able to apply some of these principles in their future cooking practice, including the manipulation of human perception.

No votes yet

Biology & Life Sciences, Food and Nutrition, Gastronomy, Cooking, Science, Senses, Biology, Chemistry, Physics

Моделирование биологических молекул на GPU (Biomolecular modeling on GPU) (Coursera)

Mar 14th 2014 Courses Russian

Моделирование биологических молекул - одна из бурно развивающихся областей современной науки. В курсе даются основы строения биомолекул, примеры применения программных пакетов для молекулярного моделирования, разъясняются подходы к математическому описанию молекулярных систем и разбирается программная реализация этих подходов на центральном и графическом процессорах.

No votes yet

Biology & Life Sciences, Chemistry, Physics, Biology, Chemistry, Physics, Biomolecular Modeling, GPU, Biomolecules, Software

Massively Multivariable Open Online Calculus Course (Coursera)

Mar 14th 2014 Courses English

M202C2 provides a first taste of multivariable differential calculus. By introducing the machinery of linear algebra, this course provides helpful tools for understanding the derivative of a function of many variables.

No votes yet

Mathematics, Math, Calculus, Multivariable, Linear Algebra

Browse MOOCs By

FAQs

INITIATIVES / PROVIDERS

C++ Institute (2)
Class2Go (4)
Commonwealth of Learning (1)
ELD (1)
FX Academy (7)
Instreamia (18)
MOOC-Ed (4)
MRUniversity (7)
OpenCourseWorld (4)
OpenLearning (8)
openSAP (4)
OpenSecurityTraining (5)
The Writing University (1)
Udemy (3)
UNED COMA (19)
uneOpen (8)
UniMOOC - Tec (2)
Universarium (5)
UPV (17)
Virtual Linguistics Campus (1)
WEU (10)
Aiversity (13)
ApnaCourse (4)
Aquent Gymnasium (2)
Canvas (2)
Canvas.net (112)
Complexity Explorer (2)
CourseSites (17)
Coursera (485)
FutureLearn (48)
Mirada X (44)
MongoDB (5)
Neodemia (5)
NovoEd (22)
Open2Study (49)
Other Initiatives (39)
P2PU (3)
Saylor.org (284)
Stanford Online (11)
UNINETTUNO OpenupEd (15)
Udacity (36)
World Mentoring Academy (WMA) (19)
edX (124)
iversity (29)
openHPI (8)



Take great **online courses** from
the world's **best universities**

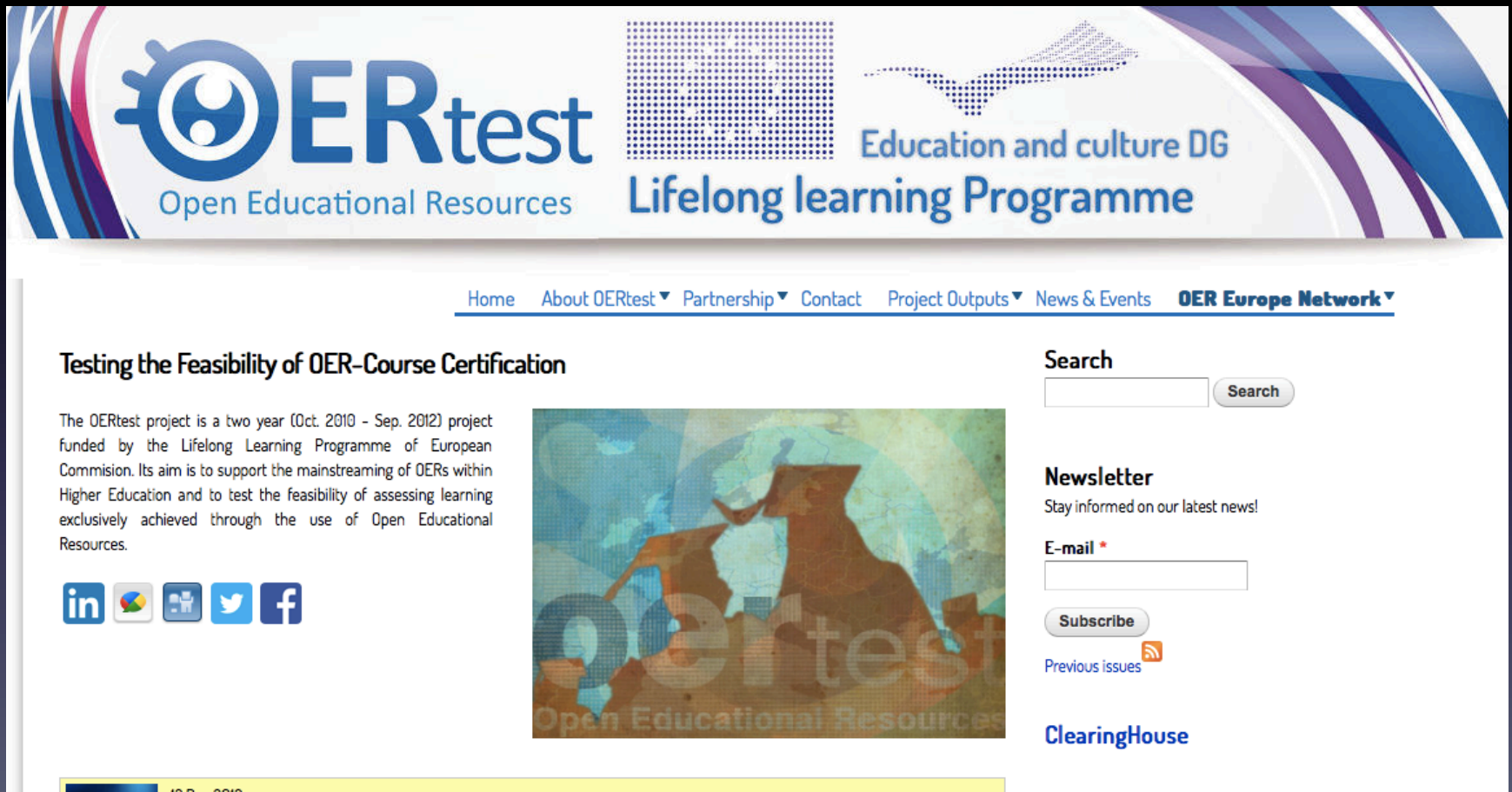
The Coursera logo consists of a large, solid blue circle. Inside the circle, the word 'coursera' is written in a white, lowercase, sans-serif font. Below 'coursera', the phrase 'education for everyone' is written in a smaller, white, lowercase, sans-serif font.

coursera
education for everyone

So what's happening in the UK

A FEW LOCAL DEVELOPMENTS

2012: the accreditation question



The screenshot shows the top section of the OERtest website. The banner features the OERtest logo on the left, which consists of a stylized blue eye icon followed by the text 'OERtest' in a large, bold, blue font, and 'Open Educational Resources' in a smaller blue font below it. To the right of the logo is a grid of small blue squares, and further right is a stylized blue bird icon. Below these elements, the text 'Education and culture DG' and 'Lifelong learning Programme' is displayed in blue. The navigation menu is located below the banner and includes links for 'Home', 'About OERtest', 'Partnership', 'Contact', 'Project Outputs', 'News & Events', and 'OER Europe Network'. The main content area on the left is titled 'Testing the Feasibility of OER-Course Certification' and contains a paragraph about the project's funding and aims. Below the text are social media icons for LinkedIn, Google+, YouTube, Twitter, and Facebook. A large, abstract, colorful image is positioned to the right of the text. On the right side of the page, there is a search bar with a 'Search' button, a 'Newsletter' section with a 'Subscribe' button, and a 'ClearingHouse' link.

OERtest
Open Educational Resources

Education and culture DG
Lifelong learning Programme

[Home](#) [About OERtest](#) [Partnership](#) [Contact](#) [Project Outputs](#) [News & Events](#) [OER Europe Network](#)

Testing the Feasibility of OER-Course Certification


The OERtest project is a two year (Oct. 2010 - Sep. 2012) project funded by the Lifelong Learning Programme of European Commission. Its aim is to support the mainstreaming of OERs within Higher Education and to test the feasibility of assessing learning exclusively achieved through the use of Open Educational Resources.

[in](#) [Google+](#) [YouTube](#) [Twitter](#) [Facebook](#)

Search

Newsletter
Stay informed on our latest news!

E-mail *

[Previous issues](#) 

[ClearingHouse](#)

13 Dec 2012

Vampire fictions: edgehill

Vampire Fictions MOOC (Massive Open Online Course)



A MOOC is a free open access online course that fosters large-scale interactive participation. Edge Hill University's first MOOC – **MOC1001 Vampire Fictions** – gives students the opportunity to participate for free and, upon successful completion of the module, gain a Certificate of Completion. Alternatively – for a small fee – students can engage in the module and gain credit for assignments of a passable quality.

MOC1001 Vampire Fictions

Sign up for free and be part of the world's first 20-credit MOOC!

Home brew & marketing

Search and Social Media Marketing for International Business

 Tweet 166  Like 17  8+1  Share 28  Share 37

This Search and Social Media Marketing for International Business pilot MOOC helps you to develop your individual as well as professional online profile, with a view to enhancing international trade prospects.

Individuals will benefit by having a better-informed digital online profile for career development. Businesses will learn how to develop a more robust online presence and engage with international audiences to enhance international trade prospects.

The MOOC comprises of twelve videos which will contain theoretical background from academic staff, as well as industry insights from key professional speakers. Each video is accompanied by activities, which will help you to put your newfound knowledge into practice.

Ready to start?

Follow these steps:

1. Before you start the course please complete this short [MOOC entrance survey](#).
2. Follow the links below to the individual MOOC videos and activities:
 - [Personal branding online](#)
 - [Twitter](#)
 - [Search Engine Optimisation \(SEO\)](#)
 - [Use of social media for international business development](#)
 - [Facebook](#)
 - [YouTube](#)
 - [LinkedIn](#)
 - [Google+](#)
 - [Copywriting online](#)
 - [Legal implications of social media](#)
 - [Monitoring and reporting](#)
 - [Blogging](#)
3. Share your experiences and learn from others on Twitter using our [#SSMMUoS](#) hash tag.
4. Complete our [MOOC exit survey](#).
5. Take the next steps and become accredited with our support. Enquire about our study options:

FSLT: Oxford Brookes

UNIVERSITY

SEARCH

GO

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**OXFORD CENTRE
FOR STAFF
AND LEARNING
DEVELOPMENT**

> OCSLD home

▼ Online courses

Designing online courses

Extending your learning environment

First Steps into Learning and Teaching in Higher Education

Internationalising the curriculum

Teaching international students

Strategies for success in academic writing

Successful supervising

Teaching online

> Courses for institutions

> Courses for Brookes staff

First steps into learning and teaching in higher education (FSLT)

Free to non-assessed participants; £425 for tutor-marked assessment leading to 10 M-level credits

22 Jan 2014 - 7 Mar 2014

- [Book here - Assessed](#)
- [Book here - Free non-assessed](#)

Building on the success of last year's open online First Steps MOOC (massive open online course), this year this five-week introduction to teaching in higher education will again be run as a MOOC, free and open to all for participation (assessment incurs a fee).

The course relies on sharing knowledge with your peers, and will leave you better informed about teaching and learning in higher education and confident that you could try out new things. Through the course you may also form and strengthen your professional support network of teachers in higher education.

This course has been designed around the key principles of autonomy, diversity, openness and interactivity. You can choose whether or not to be assessed and the degree to which you engage with the module. The module attracts participants from across the world, who bring with them a wide variety of resources and expertise. Learning across such a distributed group depends on connectivity and frequent interactive communication.

COURSE DETAILS:

Cost: free to participate; £425 for tutor-marked accredited assessment (10 M-level credits)

Duration: 5 weeks

Venue: online

<http://vle.openbrookes.net/>

[George Roberts](#)

Lead tutor: [George Roberts](#)

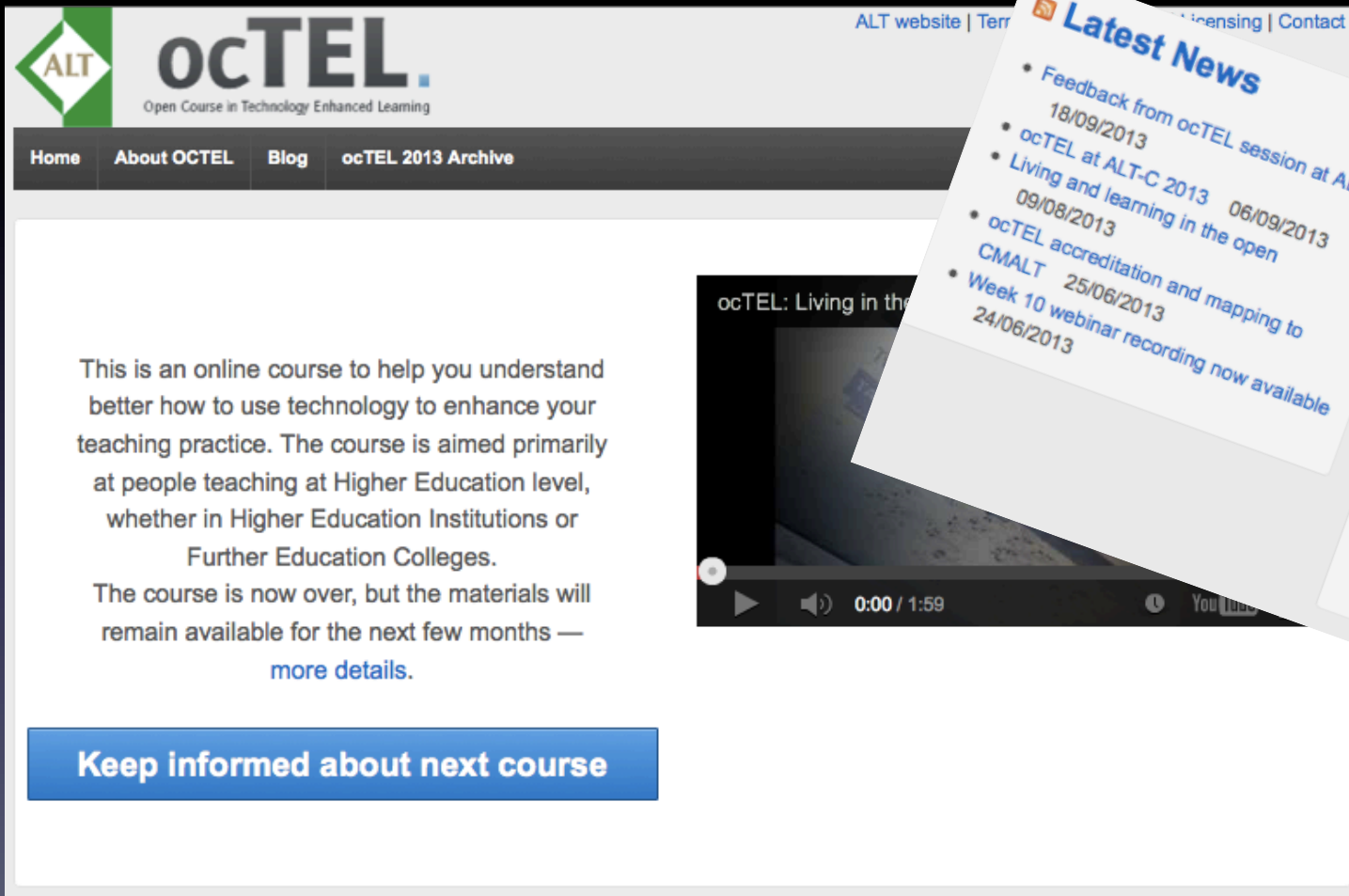


Tutor: [Neil Currant](#)

[marion waite photo](#)

Tutor: [Marion Waite](#)

octTEL: ALT (+jisc)



ALT **ocTEL**
Open Course in Technology Enhanced Learning

[Home](#) [About OCTEL](#) [Blog](#) [ocTEL 2013 Archive](#)

[ALT website](#) | [Terms](#) | [Licensing](#) | [Contact](#)

This is an online course to help you understand better how to use technology to enhance your teaching practice. The course is aimed primarily at people teaching at Higher Education level, whether in Higher Education Institutions or Further Education Colleges. The course is now over, but the materials will remain available for the next few months — [more details](#).

Keep informed about next course


Latest News

- Feedback from ocTEL session at ALT-C 18/09/2013
- ocTEL at ALT-C 2013 06/09/2013
- Living and learning in the open 09/08/2013
- ocTEL accreditation and mapping to CMALT 25/06/2013
- Week 10 webinar recording now available 24/06/2013

Related resource


- The Coming MOOC Copyright Policy And Its Impact on Students and Universities - moccnewsandreviews
- MOOCs not a threat to universities – Policy seminar - University World News
- Let Them Eat MOOCs - Gianpiero Petriglieri - Harvard Business Review
- Missing Perspectives on MOOCs -- Views from developing countries | Edutech
- New Currency for Professional Credentials: Employers
- #OpenBadgesMOOC – Technology Enhanced Learning Blog

OLDS MOOC: OULDI + jisc




Learning Design for a 21st Century Curriculum

A Massive Open Online Course over 9 weeks

Funded by 

OpenLearningDesignStudio

[About](#) [The course](#) [Badges](#) [MOOC environment](#) [Blog](#) [Feedback](#) [search](#)

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Welcome to the Open Learning Design Studio's MOOC ([Massive Open Online Course](#)) "Learning Design for a 21st Century Curriculum". The course ran from 10th January to 13th March 2013. There are currently no plans to repeat the live presentation, however all the materials remain available as Open Educational Resources.

This free, open and online course (MOOC) has been designed with further and higher education professionals in mind - lecturers, qualification teams, awarding bodies, learning technologists, library and student support staff and learning and teaching specialists - but may also be of interest to teachers (or teachers to be) in secondary schools or informal/work based learning facilitators, in fact, anyone with an interest in curriculum and learning design. The course has been funded by [JISC](#) as part of a benefits realisation programme and is intended to build on the success of the [Open University Learning Design Initiative \(OULDI\)](#) and other JISC funded curriculum design and delivery projects.

We expected that many participants would commit for the 9-week

Guidance and Support Student-choice Active-discovery Individualised Guided Peer-support Students autonomy Scaffolded	Content-and-Experience Innovative-for-participants Chosen and meaningful Online Authentic Research-based Accessible Practice-based Theory-based Relevant concepts Resourced and found Linked
Reflection and Demonstration Student-generated content reflective-log portfolio peer-assessment self-assessment	Communication and Collaboration Collaborative Professional-community Social Debate

Coursera Partnerships

Coursera, MOOCs and the UoL International Programmes



Welcome to Coursera and the University of London International Programmes

About Coursera and our MOOCs

Coursera is the social entrepreneurship company that partners with the top universities in the world to offer courses online (MOOCs) for anyone to take, for free. We have partnered with Coursera to enable you to study a number of short courses that have been derived from the portfolio of programmes offered by the University of London International Programmes or developed by academics from amongst the University of London federal Colleges

We currently have the following courses available (start dates differ):

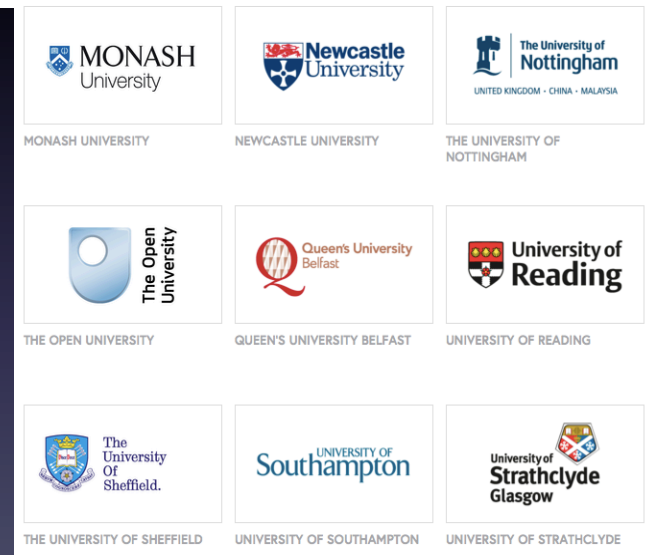
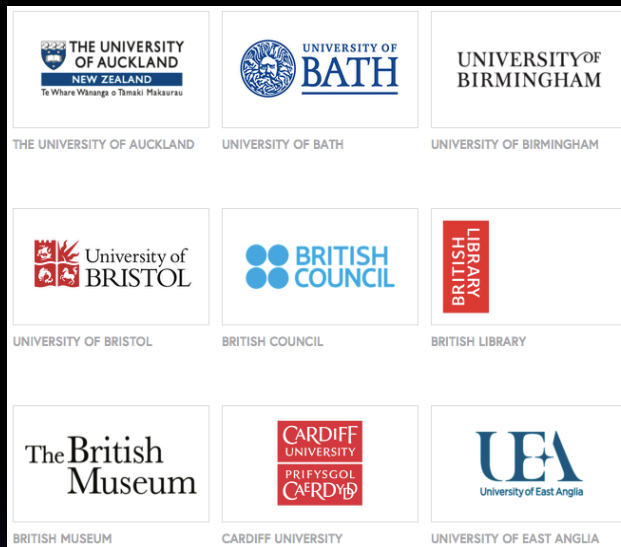
- [Creative Programming for Digital Media and Mobile App Dev](#)
- [Malicious Software and Its Underground Economy: Two Sides](#)
- [English Common Law: An Introduction](#)
- [The Camera Never Lies': Film, Images & Historical Interpretation](#)
- [Enhance Your Careers and Employability Skills](#)
- [ICT in Primary Education](#)
- [Understanding Research Methods](#)

To find out about these opportunities and to register please visit the [Coursera](#)

MOOCs @ Edinburgh 2013 – Report #1

MOOCs @ Edinburgh 2013 – Report

A report summarising the experience of the University of Edinburgh offering our first 6 massive open online courses (MOOCs) in partnership with Coursera





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IPPR

AN AVALANCHE IS COMING

HIGHER EDUCATION AND
THE REVOLUTION AHEAD

ESSAY

Michael Barber
Kathryn Donnelly
Saad Rizvi

Foreword by
Lawrence Summers,
President Emeritus, Harvard University

March 2013
© IPPR 2013

Institute for Public Policy Research



2013



2014: HEA

The pedagogy of the Massive Open Online Course: the UK view



Siân Bayne and Jen Ross, the University of Edinburgh

How Open are MOOCs?



- OER vs... ???

Why and how (do we cost it)?

MOTIVATIONS AND MONETISING

If the product is free, you are the product



We can gain data and analytics

The value proposition

Value proposition

- Reputation
- Insights
- Drive change
- Inform practice

Personal motivations

- USP
- Sage on the stage
- Passion
- Niche
- Ground breaker...

A topic of much discussion...

Why did Edinburgh offer MOOCs?

- ☐ Reputation – early adopter of educational technology
- ☐ Exploration of a new pedagogical ‘space’ to inform practice
- ☐ Wish to reach as widely as we can with our courses
- ☐ Sharing experiences with peer universities
- ☐ Fun!

Which budget?



- Teaching budget...
What budget?!
... ah marketing budget
😊
- Gains
... reputation (leads)
progression, transition,
integration/re-integration


support

Homebrew

Affiliated, monetising

Book:Reader for iversity MOOC "Web Engineering II: Developing Mobile HTML5 Apps

From Wikipedia, the free encyclopedia



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Reader for iversity MOOC "Web Engineering II: Developing Mobile HTML5 Apps" [\[edit\]](#)

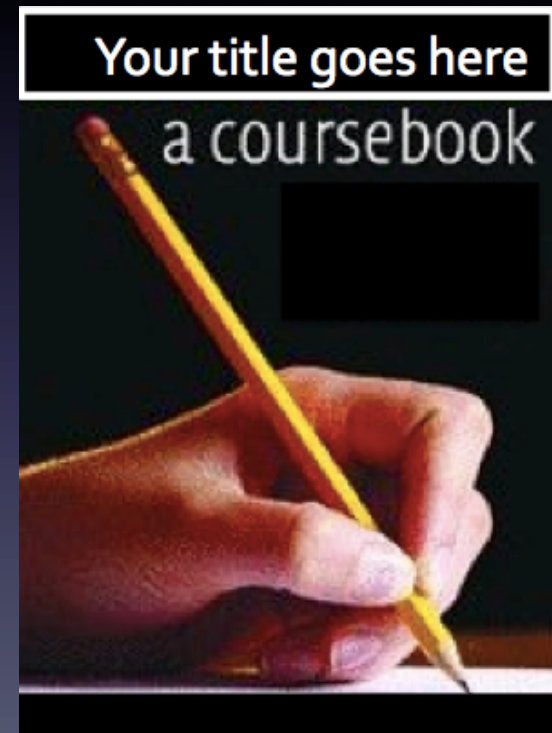
Chapters chosen and arranged after Hr. Prof. Dr. Klaus Quibeldey-Cirkel <https://iversity.org/c/19?r=87f3d> [\[edit\]](#)

Intro - MOOC Web Engineering

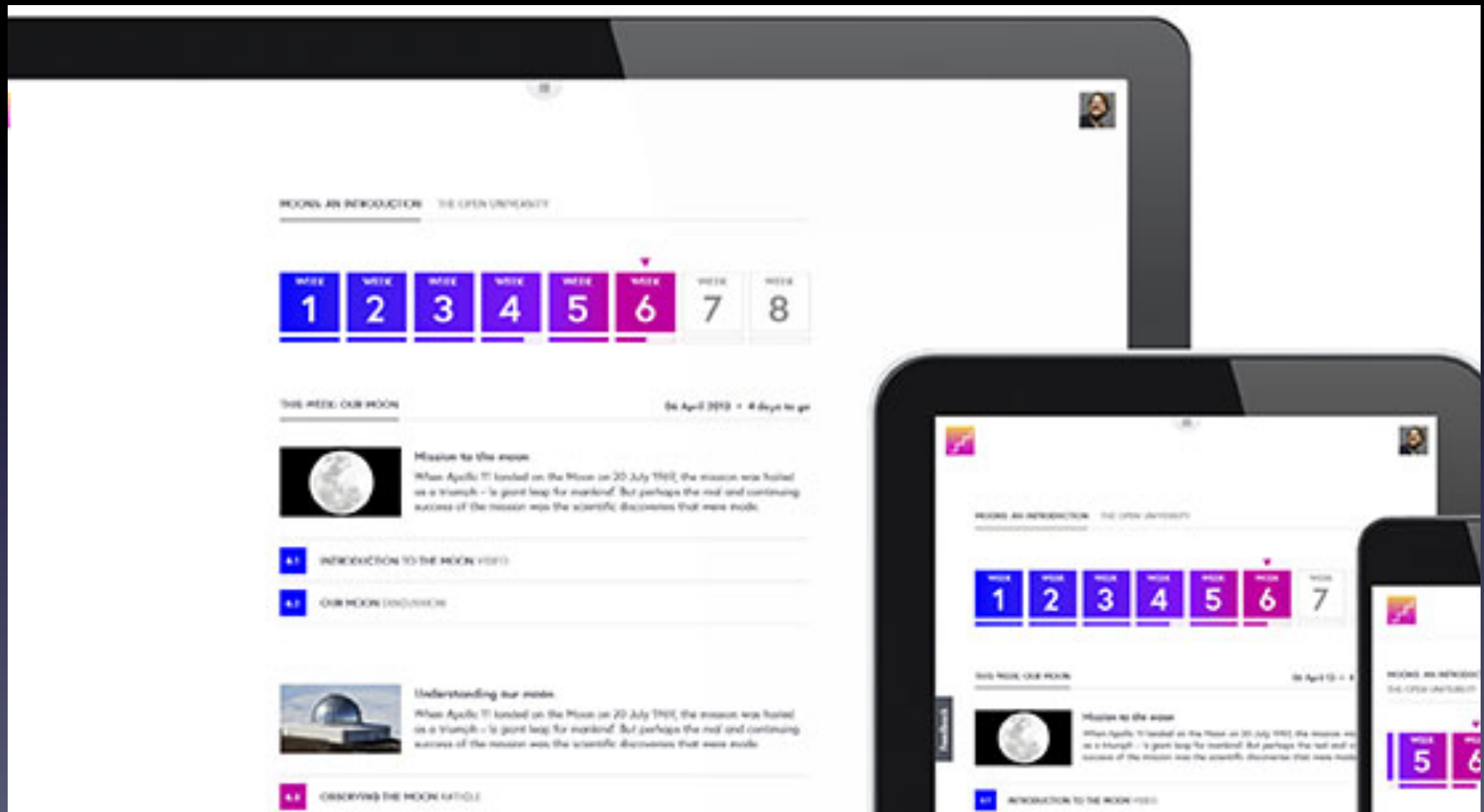
- [Massive open online course](#)
- [Web engineering](#)
- [iversity](#)

Chapter 11 - Starter Kit - Tools for the HTML5 App in the Cloud

[VirtualBox](#)



Any time, any place (? Gateway learning?)



Monetising – the future?

- Signature track – certificate of completion
- Validated exam (independent or linked)
- Amazon affiliates
- The e-book of the course
- Search fee
- Partnerships/outourcing

partnerships

OCR
Oxford Cambridge and RSA

CAMBRIDGE
UNIVERSITY PRESS

Raspberry Pi

Email

LOGIN

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Topics

Fundamentals of computer systems
Computing hardware
Software
Representation of data in computer systems
Databases
Computer communications and networking
Programming

Welcome to Cambridge GCSE Computing Online MOOC

This is where you access the core content of the Cambridge GCSE Computing Online MOOC.

All the resources are centred around our comprehensive series of instructional videos, which are open for all users and visitors to view.

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