



# Massive! Open! Online!

## Understanding MOOCs and Their Impact on Library Instruction and Services

Kevin Stranack  
Simon Fraser University

# Teaching and Learning



A photograph of a brick wall. The top and bottom portions of the wall are made of dark red bricks with light-colored mortar. A horizontal band of lighter, orange-brown bricks runs across the middle of the image. The word "Barriers" is written in white, sans-serif font across this orange band.

# Barriers


# THE REVO LUTION HAS BEGUN



michael thompson freestylee 2011

# UDACITY

“I have waited many years to see something like this that would empower working people, poor people, and isolated ones, to learn at the top level from the best in a more accessible way.”

 **Benoit Ambry**  
Udacity student, USA

-  **CS101**  
Building a Search Engine ▶
-  **CS212**  
Design of Computer Programs ▶
-  **CS253**  
Web Application Engineering ▶
-  **CS262**  
Programming Languages ▶
-  **CS373**  
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# MOOCs

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- Unit 1

- ✓ 1. Welcome
- 2. Outlining The Problem
- 3. Representing Hands - Question - Answer
- 4. Poker Function - Question - Answer
- 5. Understanding Max - Question - Answer
- 6. Using Max - Question - Answer
- 7. Testing - Question - Answer
- 8. Extreme Values - Question - Answer
- 9. Hand Rank Attempt - Question - Answer
- 10. Representing Rank - Question - Answer
- 11. Wild West Decks

[< Previous](#)[Next >](#)[Instructor Comments](#)[Supplementary Material](#)

## Welcome to CS 212!

I hope you're excited to learn some new program design tools. I'm Andy, and I'll be helping you throughout the class. Keep your eyes peeled for instructor comments (which you will see here) and for supplemental videos (which you will find with the rest of the course content in the area to the right of the video).



## MITx MIT's new online learning initiative

MITx will offer a portfolio of MIT courses for free to a virtual community of learners around the world. It will also enhance the educational experience of its on-campus students, offering them online tools that supplement and enrich their classroom and laboratory experiences.

The first MITx course, 6.002x (Circuits and Electronics), will be launched in an experimental prototype form. Watch this space for further upcoming courses, which will become available in Fall 2012.



### SPRING 2012 COURSE OFFERING



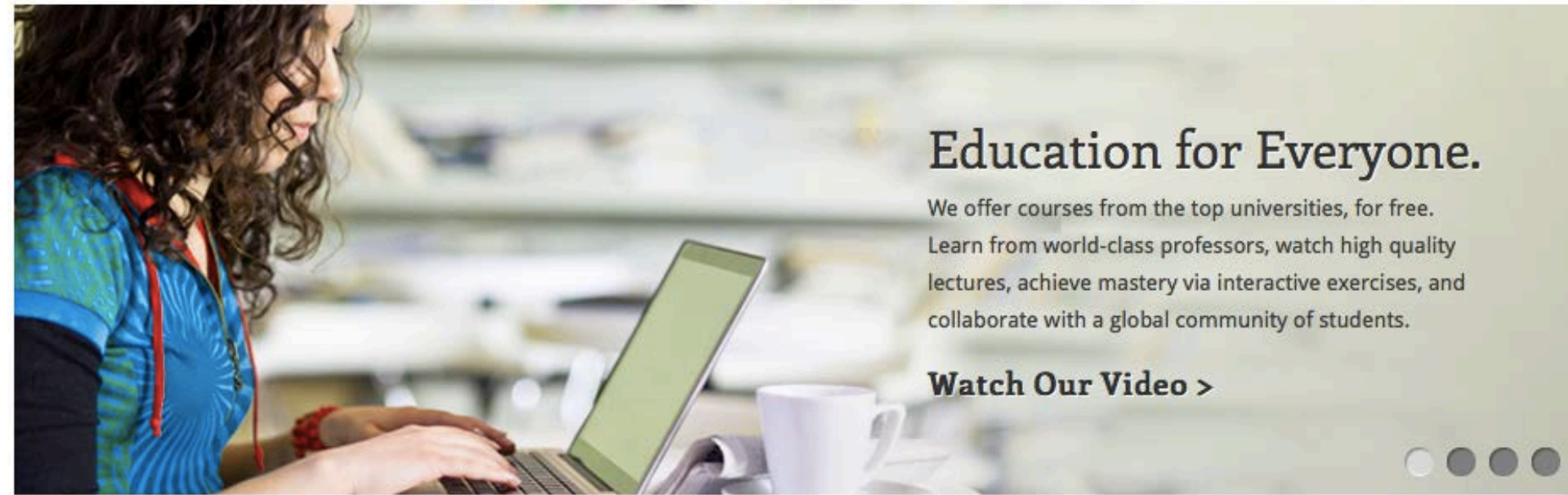
## Circuits and Electronics

6.002x

[More information & Enroll](#) ▶

Taught by Anant Agarwal, with Gerald Sussman and Piotr Mitros, 6.002x (Circuits and Electronics) is an on-line adaption of 6.002, MIT's first undergraduate analog design course.

MITx COURSES WILL BE OFFERED ON AN ONLINE LEARNING PLATFORM THAT:



## Education for Everyone.

We offer courses from the top universities, for free. Learn from world-class professors, watch high quality lectures, achieve mastery via interactive exercises, and collaborate with a global community of students.

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### Just Started

in progress

Computer Vision: The Fundamentals

BERKELEY

A course card for "Computer Vision: The Fundamentals" from Berkeley. The card features a laptop displaying a circular pattern of light and dark spots. An orange banner in the top right corner says "in progress". The course title and university name are at the bottom.

in progress

Introduction to Logic

STANFORD

A course card for "Introduction to Logic" from Stanford. The card features a stylized black graphic of a tree or a similar shape. An orange banner in the top right corner says "in progress". The course title and university name are at the bottom.

in progress

Machine Learning

STANFORD

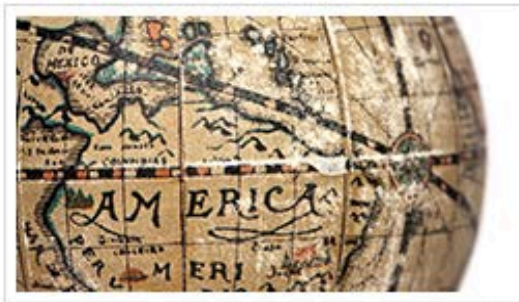
A course card for "Machine Learning" from Stanford. The card features a 3D rendered robot holding a green book and a rolled-up diploma. An orange banner in the top right corner says "in progress". The course title and university name are at the bottom.





## Humanities and Social Sciences

Our wide range of courses allows students to explore topics from many different fields of study. Sign up for a class today and join our global community of students and scholars!



### A History of the World since 1300

Jeremy Adelman

This course will examine the ways in which the world has grown more integrated yet more divided over the past 700 years.

[PRINCETON UNIVERSITY](#)



### Fantasy and Science Fiction: The Human Mind, Our Modern World

Eric Rabkin

We understand the world — and our selves — through stories. Then some of those hopes and fears become the world.



## Society, Networks, and Information

Our wide range of courses allows students to explore topics from many different fields of study. Sign up for a class today and join our global community of students and scholars!



### Internet History, Technology, and Security

Charles Severance

What is the Internet? How was it created? How does it work?

UNIVERSITY OF MICHIGAN



### Introduction to Sociology

Mitchell Duneier

In this class we will cover the essentials of sociology, to help you better understand your own life and situations far from your experience.

PRINCETON UNIVERSITY



## Healthcare, Medicine, and Biology

Our wide range of courses allows students to explore topics from many different fields of study. Sign up for a class today and join our global community of students and scholars!



### Basic Behavioral Neurology

Roy Hamilton, MD

This course will survey fundamental principles of cognitive and behavioral neurology. The emphasis of this course will be on the neural mechanisms underlying aspects of cognition and on diseases that affect intellect and behavior. No prior background in neurology, medicine, or neuroscience is required.

[UNIVERSITY OF PENNSYLVANIA](#)



### Cardiac Arrest, Hypothermia, and Resuscitation Science

Benjamin Abella, MD MPhil

This course will explore new breakthroughs in the treatment of patients during cardiac arrest and after successful resuscitation, including new approaches to cardiopulmonary resuscitation (CPR) and post-arrest care.

[UNIVERSITY OF PENNSYLVANIA](#)



# Introduction to Finance

Gautam Kaul

This course will introduce you to frameworks and tools to measure value; both for corporate and personal assets. It will also help you in decision-making, again at both the corporate and personal levels.

Sign Up



## Category

Economics, Finance, and Business

## Next Session

23 July 2012

## Duration

10 weeks

712

739

4k

Tweet

+1

Like

## About the Course

This course is primarily devoted to the fundamental principles of valuation. We will learn and apply the concepts of time value of money and risk to understand the major determinants of value creation. We will use both theory and real world examples to demonstrate how to value any asset.

## About the Instructor

[Gautam Kaul](#) is the John C. and Sally S. Morley Professor of Finance at the Ross School of Business (RSB), University of Michigan. Gautam has published widely in top finance journals and was awarded the Senior Faculty Research Award in 2003 for sustained, exceptional, and continuing contributions to



# Decoupling



# Content



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# OER university

< OER university  
(Redirected from OER university)

## OER university (#oeru)

Towards free learning opportunities for all students worldwide

[Home](#) | [About](#) | [Logic model](#) | [People](#) | [Planning](#) | [Meetings](#) | [Resources](#) | [Media](#) | [FAQs](#)

 [5 Things you should know about the OER university network plan](#) | [Founding anchor partner statements](#)

### Who we are

[edit](#)

The OER university is a virtual collaboration of *like-minded institutions* committed to creating flexible pathways for OER learners to gain formal academic credit.

The OER university aims to provide free learning to all students worldwide using OER learning materials with pathways to gain credible qualifications from recognised education institutions. It is rooted in the community service and outreach mission to develop a parallel learning universe to augment and add value to traditional delivery systems in post-secondary education. Through the community service mission of participating institutions we will open pathways for OER learners to earn formal academic credit and to be reduced fees, or assessment and credit.



[Inaugural meeting](#) | [Contact](#)

### News

OER Foundation and OERu contribution to Open Education Week March 2012, with acknowledgement to the OERu founding partners



6:00 [OERF](#)

A free content video streamed from blip.tv [OER Foundation](#)

# Academic Volunteers International

### What we do

[edit](#)



#### Aims

Directed by the *core principles of engagement* the OER university collaboration:

- Will design and implement a parallel learning universe to provide free learning opportunities for all students worldwide with pathways to earn credible post-secondary credentials.
- Offer courses and programs based solely on OER and open textbooks.
- Design and implement scalable pedagogies appropriate for the OER university concept.
- Will implement scalable systems of volunteer student support through community service learning approaches.

# Evaluation and Accreditation



# Robo Creators



dan jones

THE REGENTS OF THE

University of California

# Letters and Certificates

ON THE NOMINATION OF THE  
GRADUATE COUNCIL OF THE IRVINE DIVISION  
CONFERRED UPON  
GARNET DANIEL HERTZ

THE DEGREE OF DOCTOR OF PHILOSOPHY  
IN VISUAL STUDIES  
WITH ALL THE RIGHTS AND PRIVILEGES THERETO PERTAINING

GIVEN AT IRVINE  
THIS ELEVENTH DAY OF DECEMBER IN THE YEAR  
TWO THOUSAND AND NINE.

*Arnold Schwarzenegger*  
GOVERNOR OF CALIFORNIA AND  
PRESIDENT OF THE REGENTS

*Mark H. Yudof*  
PRESIDENT OF THE UNIVERSITY



*Michael Drake*  
CHANCELLOR AT IRVINE

*Frances Leslie*  
DEAN OF THE GRADUATE DIVISION

# *what are* **OPEN BADGES?**

*Learning today happens everywhere. But it's often difficult to get recognition for skills and achievements that happen online or out of school. Mozilla Open Badges helps solve that problem, making it easy for any organization to issue, manage and display digital badges across the web.*

*Take the **Badges 101** quiz—and earn your first badge*

[get started >](#)

Learn more about  
the [DML Badge  
Competition!](#)



# Badges



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Payment](#)

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# Centre for Learning Accreditation

## Prior Learning Assessment and Recognition (PLAR)

*Enrichment, opportunity, flexibility*

e-Portfolio now available! See menu at left.



### Information on PLAR

- [PLAR FAQs](#)
- [How does PLAR work?](#)
- [What is portfolio assessment?](#)
- [When do I start?](#)
- [How long does PLAR take?](#)
- [How much does it cost?](#)
- [Financial Assistance for PLAR Learners](#)
- [What is challenge-for-credit?](#)
- [What is transfer credit](#)

### Your Learning Portfolio

- [What is a portfolio?](#)
- [What are the parts of a portfolio?](#)
- [What does a completed portfolio look like?](#)
- [First Steps: How Do I Begin](#)
- [Portfolio submission](#)
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- [PLAR documents](#)


### Contact Information

- [Centre Staff](#)
- [Request Information Online](#)
- [Complete PLAR Exit Survey](#)
- [Evaluate Us](#)

# PLAR



## Learn more. Become more. *Online.*



**TEACHERS COLLEGE**  
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MASTER'S →  
BACHELOR'S →



**COLLEGE OF INFORMATION TECHNOLOGY**

MASTER'S →  
BACHELOR'S →



**COLLEGE OF HEALTH PROFESSIONS**

MASTER'S →  
BACHELOR'S →

### WGU is an accredited online university offering online bachelor's and master's degree programs.



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- Flexible, online study. You learn when and where it fits your life.
- Affordable, lower tuition. WGU is a nonprofit online university.
- Benefit from your experience. Accelerate your time to complete your degree online.
- Employers consistently give our graduates high marks.

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- 📄 New Online IT Master's Degree Program Emphasizes Network Management
- 📄 WGU Featured on National Public Radio
- 📄 WGU Featured in *The New York Times*
- 📄 CNN Spotlights WGU

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The **Edupunks'**  
**Guide**

**To a DIY Credential**

By Anya Kamenetz





MIND THE GAP

# Content-Focused Pedagogy



# Community of Learning?





# Opportunities for

# Libraries

<http://www.kr.com/photo/mams/7417782446/>



# Study Spaces



# Reference



## Books & Authors

### Writing the Life of Ona Simaite, Vilna Ghetto Rescuer: An Evening with Author Julija Sukys

*A program for adults*



**Tuesday May 29**

7:00 pm-8:30 pm

Free

Please join Montreal writer Julija Sukys for a reading and discussion of her new book *Epistolophilia: Writing the Life of Ona Simaite*.

Peter Kaye Room, Lower Level  
Central Library  
350 West Georgia Street

[see all dates](#)

Program id 31214

## Lectures, Discussions & Panels

### Building the 8th Fire

*A program for adults*



**Tuesday May 29**

7:00 pm-8:30 pm

Free

Did you watch the CBC television series *8th Fire*? Were you compelled to reflect on relations between indigenous and non-indigenous peoples in Canada today?

Alice MacKay Room, Lower Level  
Central Library  
350 West Georgia Street

[see all dates](#)

Program id 31220

## Computer & Internet Training

*Wired for Learning*

### Internet Basics

*A program for adults*



**Thursday May 31**

6:30 pm-8:30 pm

Free. Registration required.

Learn about what's available on the Internet and how to find it. We'll talk about browsers, navigation, and effective searching during this 2-hour, hands-on course. Computer Basics or equivalent experience is required.

Computer Training Room, Level 7  
Central Library  
350 West Georgia Street

[see all dates](#)

# Programming



## Contents

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### This Course

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### Your Account

- [Register](#)
- [Log In](#)
- [Manage Account](#)
- [About Open](#)

YOU ARE NOT LOGGED IN. [\[LOGIN\]](#) [\[REGISTER\]](#)

## About this Course

This course will introduce participants to the major contributions being made to the field of instructional technology by researchers today. Each week, a new professor or researcher will introduce his or her central contribution to the field.

**Date:** September 12, 2011 - May 2012

**Technologies Used:** Through out this "course" participants will use a variety of technologies, for example, blogs, Second Life, RSS Readers, UStream, etc. Course resources will be provided using gRSShopper and online seminars delivered using Elluminate.

**Facilitators:** [Dave Cormier](#), [George Siemens](#) and [Stephen Downes](#) will co-facilitate this innovative and timely course.

# Alt MOOCs



# Networked Learning

# EC&I 831: Social Media & Open Education

Open, Connected, Social

 Search

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## About

### Introduction:

EC&I 831: *Social Media & Open Education* is an open access graduate course from the Faculty of Education, [University of Regina](#). This course is available to both for-credit and non-credit participants. It features openly available, live, and recorded presentations from notable educators & theorists. It is anticipated that the open nature of this course will benefit all participants equally in the ongoing development of long-term, authentic, educational connections.

# University of Regina

# Open Enrolment





AUDIO & VIDEO



PARTICIPANTS

- MAIN ROOM (30)
- dave cormier 1**  
Moderator
  - Stephen Downes...**  
Moderator
  - @jheil65
  - Alison 1
  - Amanda
  - Brian L

CHAT - Supervised

i don't want to hear his music again 😊

Sarah (murphi30) 6:26 PM  
sorry, clarification, is this the role of the instructor as a learner?

dave cormier 1 6:27 PM  
certainlv for me i'm always a



Fit Page

The Learner

# The Learner

someone who has a "two-eyed" approach - where they are, where they want to be



**What is it?**

- supplicant
- co-creator,
- Sharing ideas
- just in time
- resistant student
- Flexibility
- reflective
- some
- someone looking to learn something
- wants to be engaged
- Someone who looks for... someone inquiring
- the person who looks for infinite answers as instead of finite solutions
- collaborating to find out what we don't know, assume
- Examples
- paying student
- questioning instruction
- my friend next door
- inquiry based
- trying new things openly with your students
- by mistake
- project based learning
- open-ended outcomes
- child
- asking questions out loud with your students
- let students see you grapple with something

**Who Does It?**

- peers, mentors, community, family, learner
- everyone
- everyone
- we do not know it all
- open minded people willing to learn and change and grow
- everyone always
- hopefully

accessing research to practice, question, implem...

Image: [http://www.freeprintablecoloringpages.net/showcover/school/Sad\\_Student](http://www.freeprintablecoloringpages.net/showcover/school/Sad_Student)

# Open, Online, Synchronous Classrooms

# Open Doors for Open Learning





# Open Learning Objectives





# Open Content



# Open Assessment





# More Opportunities for

Libraries

<http://www.nckl.com/pnd/os/mms/v/175783446/>



Talk it up



# Focus on Openness



# Information Literacy?



Professional

Development?

<http://www.flickr.com/photos/33083406@N02/3908871243/>

# Contact Me

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Simon Fraser University Library

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**Skype:** kstranack

**Twitter:** stranack

**LinkedIn:**

<http://ca.linkedin.com/in/kstranack>

**Web:** <http://stranack.ca>

**Orkut:**