Massive Open Online Course: History, Benefits

Sergio Luján Mora
sergio.lujan@ua.es
@sergiolujanmora
HISTORY
MOOC Poster by Mathieu Plourde, licensed CC-BY on Flickr
Brief (very brief) history of MOOCs - MOOC (Massive Open Online Courses)
desarrolloweb.dls.com/moocs/brief-history-moocs
2 may 2012 - Subido por Sergio Luján Mora
Transcript: Hi, I'm Sergio Lujan Mora, professor at the University of Alicante, and in this video I will tell you ...

History of MOOCs - MOOCs (Massive Open Online Courses)
https://libguides.lib.fit.edu/MOOCs/HistoryofMOOCs
22 ago. 2018 - Subido por dave cornier
MOOCs (Massive Open Online Courses). This guide will give you an overview of MOOCs, what they are and ...

The History & Evolution of MOOCs - YouTube
https://www.youtube.com/watch?v=CLLe1meCzqY
31 oct. 2017 - Subido por Kathryn Sky Tomlinson
This multimedia presentation is a project for my eLearning class. I am simultaneously enrolled in an online ...

What is a MOOC? - Universitat Autònoma de Barcelona - UAB Barcelona
https://www.uab.cat/.../mooc/what-is-a-mooc-1345668290709.html
"
Hi, I'm Sergio Lujan Mora, professor at the University of Alicante, and in this video
Здравствуйте, меня зовут Серхио Лухан Мора, профессор в Университете Аликанте, и в этом видео
я расскажу некоторые детали недавней истории МОДК.
Connectivism and Connective Knowledge: Getting Started

Massive Open Online Course

George Siemens
Stephen Downes

August 2008 - 2,300 participants
A bold experiment in distributed education, "Introduction to Artificial Intelligence" will be offered free and online to students worldwide during the fall of 2011. The course will include feedback on progress and a statement of accomplishment. Taught by Sebastian Thrun and Peter Norvig, the curriculum draws from that used in Stanford's introductory Artificial Intelligence course. A syllabus and more is information is available here. Sign up below to receive additional information about participating in the online version when it becomes available.

Name: ____________________ E-mail: ____________________

Sign Up

Official registration will open later this summer. Your information will be kept private and only used to contact you once registration is available.

Sebastian Thrun is a Research Professor of Computer Science at Stanford University, a Google Fellow, a member of the National Academy of Engineering and the German Academy of Sciences. Thrun is best known for his research in robotics and machine learning.

Fast Company Magazine selected him as the fifth most creative person in business, the UK Telegraph included him in their list of 100 living geniuses, and Popular Science included him in their list of Brilliant Ten. His self-driving car was named one of the 50 best inventions of 2010 by Time Magazine, and Scientific American named Thrun one of the 50 business and technology leaders. Thrun is the inaugural winner of the AAAI Ed Feigenbaum Prize and a recipient of the Max Plank Research Award. Thrun will be conference chair of the UCAI 2013 conference in Beijing, China.
Udacity offers first course - February 2012
Circuits & Electronics
6.002x

6.002x (Circuits and Electronics) is an experimental online adaptation of MIT's first undergraduate analog design course: 6.002. This course is running, free of charge, for students worldwide from March 5, 2012 through June 8, 2012.

View 6.002x Circuits & Electronics as a guest

About 6.002x

6.002x (Circuits and Electronics) is designed to serve as a first course in an undergraduate electrical engineering (EE) or electrical engineering and computer science (EECS) curriculum. At MIT, 6.002 is in the core of department subjects required for all undergraduates in EECS.

The course introduces engineering in the context of the lumped circuit abstraction. Topics covered include: resistive

About the Course Staff

Anant Agarwal
Director of MIT’s Computer Science and Artificial Intelligence Laboratory (CSAIL) and a professor of the Electrical Engineering and Computer Science department at MIT. His research focus is in parallel computer architectures and cloud software systems, and he is a founder of several successful startups, including Tilera, a company that produces scalable...
Coursera offers first course - April 2012
Take great courses from the world's best universities

EDX COURSES
Courses are designed to be interesting, fun and rigorous. They are the best courses, from the best professors and the best schools, spanning dozens of subjects. Some edX courses now offer ID verified Certificates of Achievement. A new way to demonstrate your achievement and showcase your knowledge.

NEWS & ANNOUNCEMENTS
Stay informed about the latest stories being shared around the world on edX and the online learning movement. Read the most recent articles and announcements.

edX founded by MIT and Harvard University - May 2012
Introduction to Computer Science

Class Summary
In this course you will learn key concepts in computer science and learn how to write your own computer programs in the context of building a web crawler.

What Should I Know?
There is no prior programming knowledge needed for this course. Beginner welcome!

What Will I Learn?
At the end of this course, you will have learned key concepts in computer science and enough Python programming to be able to write programs to solve problems on your own. This course will prepare you to move on to more intermediate-level courses in CS.

Syllabus
Lesson 1: How to Get Started
Your first program: extracting a link

Lesson 2: How to Repeat
Procedures, decisions (if/else), loops: finding all of the links on a page

Additional Lesson: How to Solve Problems

Course Instructors
David Evans
Instructor

David Evans is a Professor of Computer Science at the University of Virginia where he teaches computer science and leads research in computer security. He is the author of an introductory computer science text.

May 2012 – 314,000 participants
Circuits & Electronics
6.002x

View 6.002x Circuits & Electronics as a guest

6.002x (Circuits and Electronics) is an experimental online adaptation of MIT's first undergraduate analog design course: 6.002. This course is running, free of charge, for students worldwide from March 5, 2012 through June 8, 2012.

About 6.002x

6.002x (Circuits and Electronics) is designed to serve as a first course in an undergraduate electrical engineering (EE), or electrical engineering and computer science (EECS) curriculum. At MIT, 6.002 is in the core of department subjects required for all undergraduates in EECS.

The course introduces engineering in the context of the lumped circuit abstraction. Topics covered include: resistive

6.002x on MITx

If you successfully complete the course, you will receive an electronic certificate of accomplishment from MITx. This certificate will indicate that you earned it from MITx's pilot course. In this prototype version, MITx will not require that you be tested in a testing center or otherwise have your identity certified in order to receive this certificate.

The course uses the textbook Foundations of Analog and

ABOUT THE COURSE STAFF

Anant Agarwal
Director of MIT's Computer Science and Artificial Intelligence Laboratory (CSAIL) and a professor of the Electrical Engineering and Computer Science department at MIT. His research focus is in parallel computer architectures and cloud software systems, and he is a founder of several successful startups, including Tilera, a company that produces scalable...
What we're learning from online education

Spanish translation by Irene Ramos. Reviewed by Ciro Gomez.
The self-organizing computer course
The 100,000-student classroom
2013 was a year of hype for MOOCs (massive open online courses). Great big numbers

2.5M views
BENEFITS
• The significant potential of MOOCs lies in the fact that they have shown there are millions of people around the world, of all ages and conditions, eager to learn.
• The aspiration of MOOCs is to achieve large-scale participation and open access via the Internet to anyone.
• MOOCs offer great opportunities to improve the quality of life of many people by enabling lifelong learning and inclusion in learning communities.
<table>
<thead>
<tr>
<th>Benefits</th>
<th>Factors</th>
<th>Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most MOOCs are free, unless a form of accreditation is involved, and open to anyone who is interested.</td>
<td>MOOC providers can currently offer courses for free, but not indefinitely.</td>
<td>Students aren’t able to engage in real-world socializing or experiences.</td>
</tr>
<tr>
<td>Learning occurs in an informal manner at the participant’s own pace.</td>
<td>Students may be used to or prefer the structure a traditional college course offers.</td>
<td>Technical difficulties with a participant’s computer or Internet connection can impede learning.</td>
</tr>
<tr>
<td>All that’s required is a computer and an Internet connection.</td>
<td></td>
<td>Students need to become responsible for their own learning.</td>
</tr>
<tr>
<td>Participants do not need to be enrolled in the MOOC’s host institution, which may have a costly tuition.</td>
<td></td>
<td>Academic dishonesty may become an issue due to lack of supervision.</td>
</tr>
<tr>
<td>Work can be shared, viewed and critiqued by all participants.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outstanding professors and industry leaders can reach more students all over the world.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>