

From general to particular: What MOOCs cannot do (in Real Estate Courses)

Paloma Taltavull de La Paz
University of Alicante

15th ERES Education Seminar
BUCHAREST, November 30th 2019

Concept

- Massive On-line Open Course
- Technological platform
- Develops a topic in multiple 'segments' .
 - Attaching documents, photos and other resources
- A teacher (human or not) explains a topic based on a set of 'mini' classes containing concepts
 - Including test, quizz or exams

Concept (cont)

- Rules to make a MOOC acceptable
 - Videos of max 6 to 8 minutes
 - Materials, documents... for Reading and learning
- Objective: make the student follow every video 'at once'
- All videos together = Subject contents
- Interactive? ... answering questions?... no
- Follow the course 'when the student can' and at the 'student rithm'
- Accredited learning possibility

Concept

- Very popular and most of the best universities have produced MOOCs with quite relevant topics and teachers
- MOOCs Schools: Coursera, Edx, e-Learning, Harvardx,
- Have you followed any MOOC course recently?..
- www.menti.com, code 502079

Audience experience

- Define a MOOC,
- www.menti.com Code 735430

2 more questions: pros and cons

- Could you tell 3 pros of MOOCs?
- www.menti.com Code 946359
- Could you write 3 cons of MOOCs?
- www.menti.com Code 874867

Some Pros from my side

- Lower costs.... Most are for free
- Massive audience: thousand of students at the same time.
 - Increase teacher productivity
- Covers skill/knowledge -gaps
- Learning at any time
- Variety... increase and complete the general background

Some Cons from my side

- No students/teacher interactions
 - Instead of the blogs Read 1500 comments?
- Lack on the 'face to face' learning.
- Trend to 'learn fast and rapidly'
- Complex courses: long MOOCs (see Glaesser MOOC about cities, Edx)
 - <https://www.edx.org/course/citiesx-the-past-present-and-future-of-urban-life>
- Separate from the full curriculum (the oasis into the dessert)
- No academic recognition

Education requirement coverage?

- For an innovation-driven economy, workers need to have a mix of skills (World Economic Forum, 2015):
 - Literacy and numeracy
 - Competences as: collaboration, creativity, innovation
 - Problems-solving: unstructured problems and analysing information
 - (in technology-rich environments)
 - Characteristics like persistence, curiosity and initiative

Education requirement coverage?

- WEF(2015), 16 skills for the future's worker:
 - Foundational literacies:
 - basic (literacy and numeracy)
 - scientific,
 - Information and
 - communication technologies,
 - financial,
 - cultural and
 - civic literacies
 - Traditional education's focus. Understand written text or quantitative relationships

Education requirement coverage?

- WEF(2015), 16 skills for the future's worker:
 - Competencies: how students approach complex challenges:
 - Critical thinking: ability to identify, analyse and evaluate situations, ideas or information to respond to problems
 - Creativity: the ability to imagine innovative ways to address the problems
 - Communication and collaboration: working in coordination with others to face problems

Education requirement coverage?

- WEF(2015), 16 skills for the future's worker:
 - Character qualities: how students approach the changing environment
 - Persistence and adaptability: greater resilience facing obstacles
 - Curiosity and initiative: for discover new concepts and ideas
 - Leadership and social and cultural awareness: to build appropriate interactions with others.

WEF (2015),p.3

21st-Century Skills

Foundational Literacies

How students apply core skills to everyday tasks



1. Literacy



2. Numeracy



3. Scientific literacy



4. ICT literacy



5. Financial literacy



6. Cultural and civic literacy

Competencies

How students approach complex challenges



7. Critical thinking/
problem-solving



8. Creativity



9. Communication



10. Collaboration

Character Qualities

How students approach their changing environment



11. Curiosity



12. Initiative



13. Persistence/
grit



14. Adaptability



15. Leadership



16. Social and cultural awareness

Lifelong Learning

**Are the MOOCs
prepared to cover
all of them?**

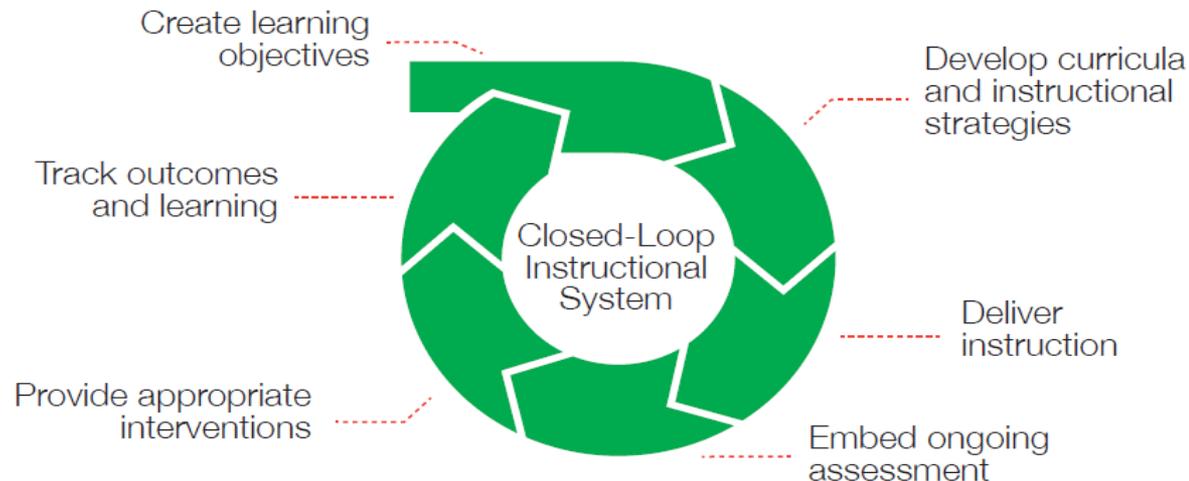
Resources to reach the education goals from ICT

- Technology should be used to:
 - Find creative solutions to fundamental challenges (no well-trained teachers?)
 - Make education available to a broader audience, at lower costs and high quality
 - Enable easier Access to best practices to local markets participants... sustained way
 - Gain insight into how and what students **learn in real time taking advantage of current data**
 - Increase teacher productivity, freeing up valuable time from tasks such a grading and testing....
 - Differentiated teaching of new competencies

Resources to reach the education goals from ICT

- **Strategies:**
 - Better teacher preparation
 - New modes of learning
- **Closer Loop:** integrated system of instruction, or a set of steps to produce results

Exhibit 6: An instructional system known as the closed loop is necessary to address skills gaps



MOOCs role?

- Any Open Educational Resources increase the variety, accesibility and availability of content and curricula...
 - Foundational literacies
- Massive supply of free MOOCs .. Require quality control and relevance selection
- No relationship between teacher and student...
 - Face to face learning never take place
- Teacher work (hard) in:
 - Create the specific materials for the video
 - Select documentation
 - Design quizzs and tests

 - Same than always but with a video?¹⁷....

Examples

Catalog > Social Sciences Courses

CitiesX: The Past, Present and Future of Urban Life

Explore what makes cities energizing, amazing, challenging, and perhaps humanity's greatest invention.



41,528 already enrolled!

Power and the City Discussion

Tema: Power and the City

Ocultar Discusión

Add a Post

- Mostrar todas las publicaciones por actividad reciente
- Harare and Primacy in Zimbabwe** 1
Harare in Zimbabwe, was established in 1890, when the Pioneer Column led by Fredrick Selous and Frank Johnson moved up North to the present day Zimbabwe from Ba...
 - South Africa's Three Capitals** 16
Countries/states with split capitals (like Ottawa, Canada) as a result of compromise have been previously mentioned in this forum. South Africa is an interesting case and I ...
 - O modernismo somente para a elite** 1
Ainda hoje podemos observar em algumas cidades, uma arquitetura voltada para melhorar o lado elitizado destas, fazendo uma verdadeira segregação entre os bairros d...
 - California - Blood and Gold** 2
Central California here. The state Capitol is Sacramento, which is actually the fourth location of Capitol. Like much of the United States, this land was obtained by forcefully...
 - Los Angeles: The Dysfunctional Capital Of Southern California** 1
Sacramento, initially a large Mexican land grant to John Sutter, Sr and then a hub of gold mining activity, has been the seat of government since just after California gained ...
 - Olympia** 1
Olympia became the Capital of Seattle due to it's location on the Oregon trail. It was the natural location to a region that was long established by Native Americans. The abi...
 - USA** 2
 - Modern Capital** 1
The Brazilian's Capital is modern but there is many dangerous periphery that constantly growth. Brasilia doesn't infrastructure for to suporting that growth.
 - The Urban Spread** 1
I live in Brasilia is the Capital of Brazil since 1960. Brasilia is 58 years old, it's young cyty, but there is a lot of problems. The modern architecture is very expensive and com...
 - Quito** 1
Quito is the oldest capital of South-America, its power as a city is measured and compared with its geographical location, Quito was capital of the Native-Kingdom of Kitu-K...
 - Washington, D.C.** 1
Washington, D.C.'s location was chosen for its physical centrality among the original colonies, and because access to ports provided trade and military access. Originally, M...
 - Mexico** 3
I'm from Mexico from Guadalajara Jalisco , the capital it's mexico DF . The history of the capital Mexico City is a territory of the country, according to the Political Constitutio...
 - Moldova** 1
Chisinau is the capital of Republic of Moldova, a relatively young country. The town was won not just once the title of one of the most ugliest capital in the world. That hap...

< Previous Next >

edX y sus Miembros usan cookies y otras tecnologías de seguimiento para fines de rendimiento, análisis y marketing. Al usar este sitio web, aceptas este uso. Obtén más información sobre estas tecnologías en la [Política de privacidad](#).



HarvardX: Urban101x
CitiesX: The Past, Present and Future of Urban Life

Ayuda palomaltata

Curso Temario Progreso FAQs Discusión Excerpt from "Triumph of the City" Acknowledgements

Curso > 1: Power and the City > 1.2 The Growth of the Imperial City > 1.2.1 Rome

< Previous Next >

1.2.1 Rome

Marcar esta página

Listen as Professor Glaeser examines the founding stories of Rome, and how its urban form was related to its imperial ambitions.

Video



Rome's origins are, of course, the stuff of urban legend.
One version, the Greek version, emphasizes Aeneas, the son of Aphrodite, who fled the fires of Troy with his aged father upon his back.
His son, Ascanius or Iulus, was the supposed ancestor of Julius Caesar himself.
Or you may prefer the story of Romulus and Remus, the sons of Mars and a Latin princess.
One archaeologist claims to have actually found the Lupercal cave, the spot where those boys were suckled
by a she wolf on the Palatine Hill of Rome beneath the house of Olivia, the wife of the emperor, Augustus.
What we do know, is that people, Romans, were living on that Palatine Hill three millennia ago.
Hills were good spots for city building, because

Video

Descargar archivo de video

Transcripciones

Descargar SubRip (.srt) file
Descargar Text (.txt) file

Multiple Choice

1 point possible (graded)

Why was Rome established on the location where it still stands today?

- The location was the site of a sacred shrine to Apollo.
- The location was ideal for trade.
- The location was easily defended.
- The location was fertile ground for growing a variety of crops.

Enviar Ha realizado 0 de 1 intento

Guardar

MOOCs and real estate

- Do you think that a MOOC could cover real estate education requirements?
- Vote: <http://www.menti.com>, code 935765
- If you think that yes, let us know the real estate área you think it is feasible.
- <http://www.menti.com>, code 29823

Thanks for your attention

And your answers

References

- Chiappe-Laverde, A, Hine, N and Martínez-Silva, JA (2015), Literatura y práctica: una revisión crítica acerca de los MOOC, Comunicar, 44:9-18
- World Economic Forum (2015), New visión for Education. Unlocking the Potential of Technology, Industry Agenda, Committed to improving the state of the World. Geneva,
- Resources:
- <https://courses.edx.org>

Appendix 1: Definitions of 21st-century skills

	Skill	Definition
Foundational literacies	Literacy	Ability to read, understand and use written language
	Numeracy	Ability to use numbers and other symbols to understand and express quantitative relationships
	Scientific literacy	Ability to use scientific knowledge and principles to understand one's environment and test hypotheses
	ICT literacy	Ability to use and create technology-based content, including finding and sharing information, answering questions, interacting with other people and computer programming
	Financial literacy	Ability to understand and apply conceptual and numerical aspects of finance in practice
	Cultural and civic literacy	Ability to understand, appreciate, analyse and apply knowledge of the humanities
Competencies	Critical thinking/problem-solving	Ability to identify, analyse and evaluate situations, ideas and information to formulate responses and solutions
	Creativity	Ability to imagine and devise new, innovative ways of addressing problems, answering questions or expressing meaning through the application, synthesis or repurposing of knowledge
	Communication	Ability to listen to, understand, convey and contextualize information through verbal, nonverbal, visual and written means
	Collaboration	Ability to work in a team towards a common goal, including the ability to prevent and manage conflict
Character qualities	Curiosity	Ability and desire to ask questions and to demonstrate open-mindedness and inquisitiveness
	Initiative	Ability and desire to proactively undertake a new task or goal
	Persistence/grit	Ability to sustain interest and effort and to persevere to accomplish a task or goal
	Adaptability	Ability to change plans, methods, opinions or goals in light of new information
	Leadership	Ability to effectively direct, guide and inspire others to accomplish a common goal
	Social and cultural awareness	Ability to interact with other people in a socially, culturally and ethically appropriate way

Sources: ESCO Skills Hierarchy for Transversal Skills (<https://ec.europa.eu/esco/web/guest/hierarchy/browser/-/browser/Skill>); Partnership for 21st Century Skills. "Framework for 21st Century Learning." NEXTE: Washington DC, 2001; Burkhardt, Gina. "enGauge 21st Century Skills: Literacy in the Digital Age." North Central Regional Educational Laboratory and The Metiri Group, 2003. (www.ncrel.org/engauge); Learning Metrics Taskforce. "Towards Universal Learning: What Every Child Should Learn." Center for Universal Education at the Brookings Institution and UNESCO Institute for Statistics: Washington, DC, 2013; The Economist Intelligence Unit. "The Learning Curve: Education and Skills for Life." Pearson: London, 2014. Other sources considered but not included: AT21CS, WorldSkills, Iowa Dept. of Education's 21st Century Skills, and Tony Wagner's Seven Survival Skills.