



Developing MOOCs for continuous professional training and development.

Can MOOCs become a long-term answer to the challenges of employment and productivity ?



Content



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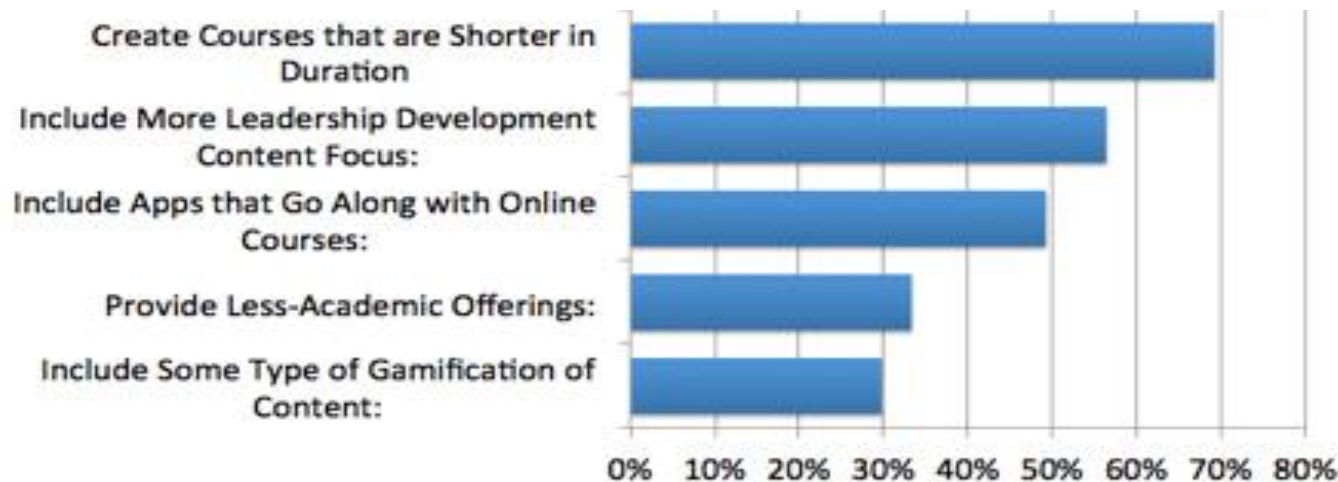


- **MOOC - An effective tool for continuous professional training ?**
- **Case study**
MOOC Oil&Gas: IFP School, TOTAL, IFP Training
- **MOOC and Professional training – 3 examples**
- **Skills developments and accreditations**

Are MOOCs an effective answer for training staff within an organization?

In a recent *Future Workplace* survey, completed by 200 HR professionals, **70 percent saw opportunities to integrate MOOCs into their company's learning programs.**

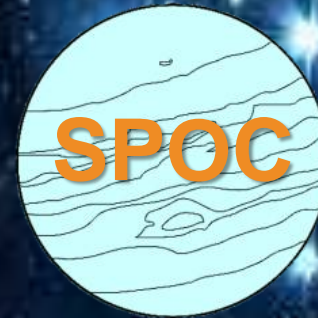
To Gain Greater Traction In Corporate Learning MOOCs Should Be Adapted To



<http://www.forbes.com/sites/jeannemeister/2013/08/13/how-moocs-will-revolutionize-corporate-learning-development/>



MOOC universe... Which planet for continuous professional training ?



Case Study - IFP School – MOOC Oil&Gas

MOOC, SPOC,... are already used – A case study



MOOC ifp SCHOOL
Oil & Gas

FROM EXPLORATION TO DISTRIBUTION

Supported by **TOTAL**

IFP School offers a free Massive Open Online Course on Oil & Gas



© IFP School 2015 © Shell U.K. Brand 2015

- Economics
- Exploration
- Production
- Refining & Chemicals
- Distribution

Free registration €

For anyone interested in the Oil & Gas sector

Evaluation games

Register now!



Certificate of achievement

2-3 hours of work per week

4 weeks - Starting May 11th 2015

<http://mooc.oil-and-gas.ifp-school.com>

www.ifp-school.com

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A School



A training courses provider



A worldwide energy company



What Possible Future(s) for MOOCs?
A Franco-British Perspective

24th November 2015
London
The Residence of France



MOOC Oil & Gas : 15 Mini Games



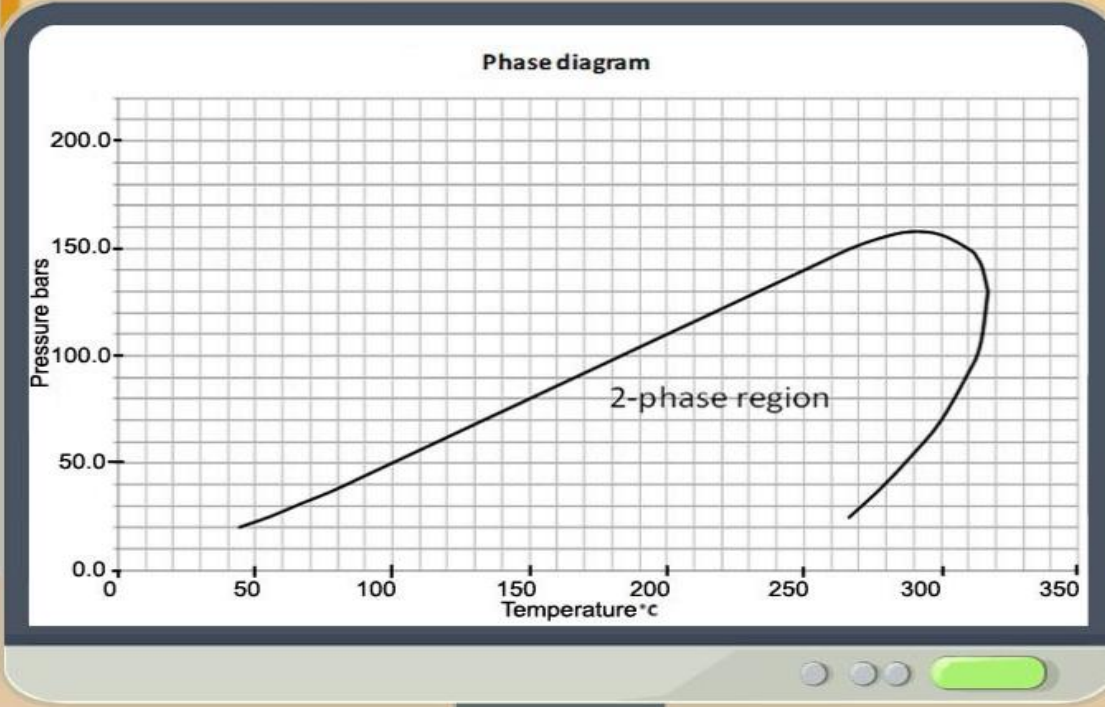
MOOC Oil & Gas : 15 Mini Games



LAST ATTEMPT

SCORE: ○○○○○○○○○○

Initial reservoir pressure is 200 bar at a depth of 2000 meters and the reservoir temperature is 100°C. It has a low gas content. In reservoir conditions, oil viscosity is 1 cp and formation water viscosity is 0.5 cp. At the surface, water is available as needed from different sources but the only gas available is the gas associated with the oil.



On the oil phase diagram, please click on the Bubble point curve.



VALIDATE

MOOC Oil & Gas – Case study

- ❑ 3 partners with different objectives

- ❑ Courses design specificities
 - for students and professionals
 - Videos for MOOCers and School students and professional Training
 - Internal uses within TOTAL and IFP School Masters

- ❑ MOOC is a real argument for 16% of our students to apply
 - 40% followed IFP School MOOCs
 - 30% obtained the certificate

But only 10% mentioned it on CV to apply

- ❑ At the end, companies demands to use the contains for MOOC/SPOC creations

MOOC and Professional Trainings

MOOC, SPOC,... are already used – 3 examples



Several **MOOCs** supported by Total and developed with different schools, universities,...
Several company's **SPOC** created on specific topics
<http://www.fb-connections.org/digital-education-higher-education-france-the-united-kingdom-and-overseas>

COOC – “Digitalisation at work”

1056 participants

COOC – “Financial and bank savings”

4200 participants with internal skills evaluation

http://www.association-aristote.fr/lib/exe/fetch.php/pres_mollicone.pdf

Use of existing “free **MOOCs**” inside company's training programs

Several **SPOCs** created on specific topics

http://www.association-aristote.fr/lib/exe/fetch.php/pres_carron.pdf



Accreditation of the skills acquired?

- ❑ “Diploma’s Culture” / High Schools...
- ❑ Demands from industries for MOOC and SPOC creations
- ❑ MOOC inside Schools using European Credits Transfer System (ECTS)
- ❑ Open Classroom
Multimedia Project manager
First “**professional title**” recognized by the French State
- ❑ New trainings providers
- ❑ 100% online school, academy,...



SIMPLON.CO

Why MOOCs and SPOCs could become a long-term answer for training staff within an organization ?



Developing MOOCs for continuous professional training and development.

Can MOOCs become a long-term answer to the challenges of employment and productivity ?

How can the pedagogical challenges be addressed in terms of efficiency?

How can one ensure the accreditation of the skills acquired?

How can MOOCs address the shortage of highly-qualified professionals in the digital sector (IT, data management, etc.)?

Are MOOCs and/or SPOCs (Small Private Online Courses) an effective answer for training staff within an organization?