

VIDEO CAPSULES

KEYWORDS

Pedagogical tools
Multimedia
Online teaching
Adapted learning
pace

DESCRIPTION

It is a video sequence, generally short (optimal duration is between 2 and 5 minutes) and dynamic, which can be used to illustrate or complete some parts of the course. Video capsules are frequently offered online, for use before or after the course. They can also be used during face-to face teaching.

WHY IS IT INTERESTING ?

The video capsule allows learners to access information at any time and to manipulate the video according to their needs (repeat, pause, forward...). The multimedia support helps to make explanations more dynamics, to maintain attention and to insist on some points.



1. Script your video



2. Realise the video



3. Dispaly it online, in addition to the course

Suitable for learners of level



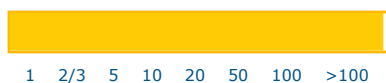
Investment time before session



Investment time post session



Suitable for managing large groups



Duration of the act



FIRST STEPS

- Detail the subject and content
- Script the content
- Write the supporting text
- Save the capsule in the chosen format :
 - mp4, vlc, mov... for an online diffusion
 - Slideshow with comments
 - Online applications

OUR ADVICES

- Only one idea per capsule
- Make the capsule dynamic ! Do not forget attention quickly fades away
- Mix media, rhythm and tone

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EXAMPLES OF USAGE

There are many tools to enable the production of video capsules

- Recordscreen, Camtasia or Screen-o-Matic for screen recording
- JellyCam for stop-motions
- VideoScribe for cartoons,
- Moovly or PowToon for animations,
- Prezi, Powerpoint or Photorecit for slideshows
- StudioProfessor in some University Departments

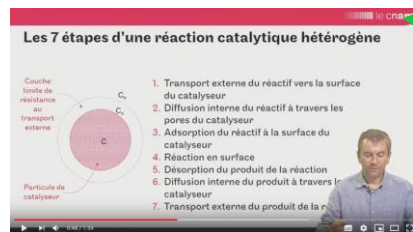
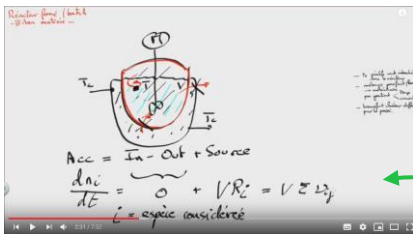
EXAMPLES AT ENSIC

Level : **Semester S5 & S6**

Number of students involved : **100**

Duration of the videos : **5 minutes**

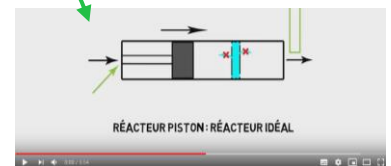
Tool used : **StudioProfessor**



Links to video capsules are offered as a complement to Chemical Reaction Engineering courses.

These capsules have been recorded by a colleague of EPFL for illustration of balances in ideal reactors, or by colleagues of CNAM and University of Lorraine to complete the classical courses.

Some video can also be used for preparation or applications in Chemical Engineering labs.



MISTAKES TO AVOID ?

- Pay attention to the quality of the video. Amateurism can be appreciated, to a limited extent
- The correction of the content is not easy, most of the time it is necessary to redo the capsule
- Remain original, to attract attention, but make sure the substance takes precedence over the shape

REFERENCES

In French : [mediafiches](http://mediafiches.univ-lorraine.fr)