

Project title

A blended learning approach for the master course «Advanced topics in Information Systems»

Responsible

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Summary of results

- A starting page gathering all information from the course was designed and implemented at http://www.rcolomo.com/RCOLOMO_Teaching_ATIS.php
- Eight chapters plus an intro were designed and recorded:
 0. Introduction.
 1. IT for Green / Energy Informatics.
 2. Health IT.
 3. Information Systems function in a Global world.
 4. IT /Business Alignment.
 5. IT Governance.
 6. New Trends in Business Software
 7. Software Development Processes: Improvement & Capability
 8. Big Data Acquisition, Storage, Analysis & Visualization. An information systems perspective.
- The nine videos are available in Mediasite.
- 5 students completed the course from an initial group of 6.
- Lectures were complemented with guest lectures: Miguel Angel Conde (Universidad de León, Spain). Using haptics technologies in information systems. Luis Omar Colombo (Universidad de Murcia, Spain). Recommender Systems in new information systems.

Special challenges

The main challenge is the lack of time to prepare all materials in less than 2 months (June-august 2016). Other minor challenges include the fighting against Mediasite platform including the slow upload of videos (average length 1 GB) needing constant surveillance of upload due to refresh time.

Interesting Experiences

It is interesting to see some contents are more viewed than others. Maybe due to the lack of previous knowledge of students on topics (Management Information Systems).

Other interesting experiences are coming from the fact that in the exam those topics not selected by students as works are not understood by them. So, more emphasis should be put into these topics either by enrolling more students or by reinforcing contents.

Need of guidance

Not applicable.

Need for technical support

Not applicable.

Assessment of progress

The progress of the project has been good. We have followed development and use of the system throughout the academic year.

Plans for further actions

There is a need for a plan on the continuity and update of recorded lessons as well as the recording of new themes.