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

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Background

- Advanced topics in Information Systems is one of the master courses in the Master in Applied Computer Science.
- Spring semester
- 15 ECTS. Topics:
  1. Introduction.
  2. IT for Green / Energy Informatics.
  3. Health IT.
  4. Information Systems function in a Global world.
  5. IT /Business Alignment.
  6. IT Governance.
  7. New Trends in Business Software
  8. Software Development Processes; Improvement & Capability
  9. Big Data Acquisition, Storage, Analysis & Visualization. An information systems perspective.

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The project

- The goal of this is to make this course blended combining traditional lectures with recorded lectures, thus, reducing classes but increasing the interest and flexibility. So, two kinds of recorded lectures are aimed:
  - Course lectures, aiming to cover lessons 2 to 9. So, the student will be free to watch videos at any time and concentrate class work on the production of the outputs for the course.
  - Guest lectures for all the topics, including at least 4 guest lectures the first year and a new set of lectures every year. Apart from that, a specific day, the guest lecturer will be appointed to perform a small presentation and answer questions live.

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