

Content Management System for Pedagogical Framework Implementation

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Since foundation of Universidad Iberoamericana in Mexico (UIA), academic governing bodies have been developing an effective and solid pedagogical framework. This model has promoted a high quality educational system which is confirmed by recognition of UIA as one of the top 5 universities in Mexico. Such a pedagogical framework systematizes the design and operation of undergraduate and postgraduate educational programs. However, for an efficient implementation of the model, faculty and academic staff are expected to actively participate in the design, implementation and operation of the model. Educational programs in Mexico are periodically reviewed for update and improvement. The most recent review at UIA takes advantage of ICT tools and systems expertise for automating this process and implementing a content management system for organize and administer more than 5 000 subject or course syllabus.

In 2005, the SGEM (Sistema de Guias de Estudios Modelo, Model Subject Syllabus System) was developed for a distributed processing of standardized documents that makes undergraduate curricula operational. The system enables: a) faculty to develop and continuously review a "framework compliant" syllabus, b) program coordinators for supervising the development and review process, and c) the educational learning services department to efficiently monitor and evaluate the university-wide process. This system, which has proven reliable and efficient, was developed and implemented from our previous experience with our open source LMS -SOFIA developed in 2003.