

The era of the Specialized Application Software

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Changes in HEI

ICT Integration to the Higher Education System represents the most transcendental change in the development of university systems in fields such as

- administration;
- Government and institutional management;
- Times, processes and instruments for communicating;
- Times, processes and instruments for knowledge production
- Access to information
- Teaching;

Implementation

- ICT integration has happened randomly, without planning, diagnose, and solid policies.
- HEI's learn slowly and no with reflexion and lessons learnt.
- With regards to teaching, we still have not gotten acquainted on how much our students need to know about digital technology

Implementation

- In 2015-2016 we applied an online survey to students and educators a of the six academic areas of the University of Veracruz. In this work we analyze the question:
- Besides office suites mention three informatic programs of specialized character that are hihgly used in your career.

Implementation

HEI's are in the eye of the storm, because

- What is being taught in the classroom has not yet adapted to the disciplinary needs, thus Office suites are still the core of the curriculum
- The development of digital devices, specialized software and data bases, that are used in each academic discipline are still out of the curriculum

Implementation

- ICT integration is not an even process in professional fields, given the nature of the academic work (Clark, 1987) and the institutional diversity that defines academic disciplines
- There are fields of knowledge with high levels of technology use and others that have lower degrees of technology consolidation.

Implementation

- Within HEI we can find a digital habitus that considers the practical sense that educators and professionals of the field are using ICT in the exercise of their profession.
- Besides the universal domain of office suites there is an explosion of websites, software, digital libraries, repositories, blogs and other digital sources that reflect the intense division of work that go with the intense specialization of professions which are expressed in what we called the dimension of academic disciplines.

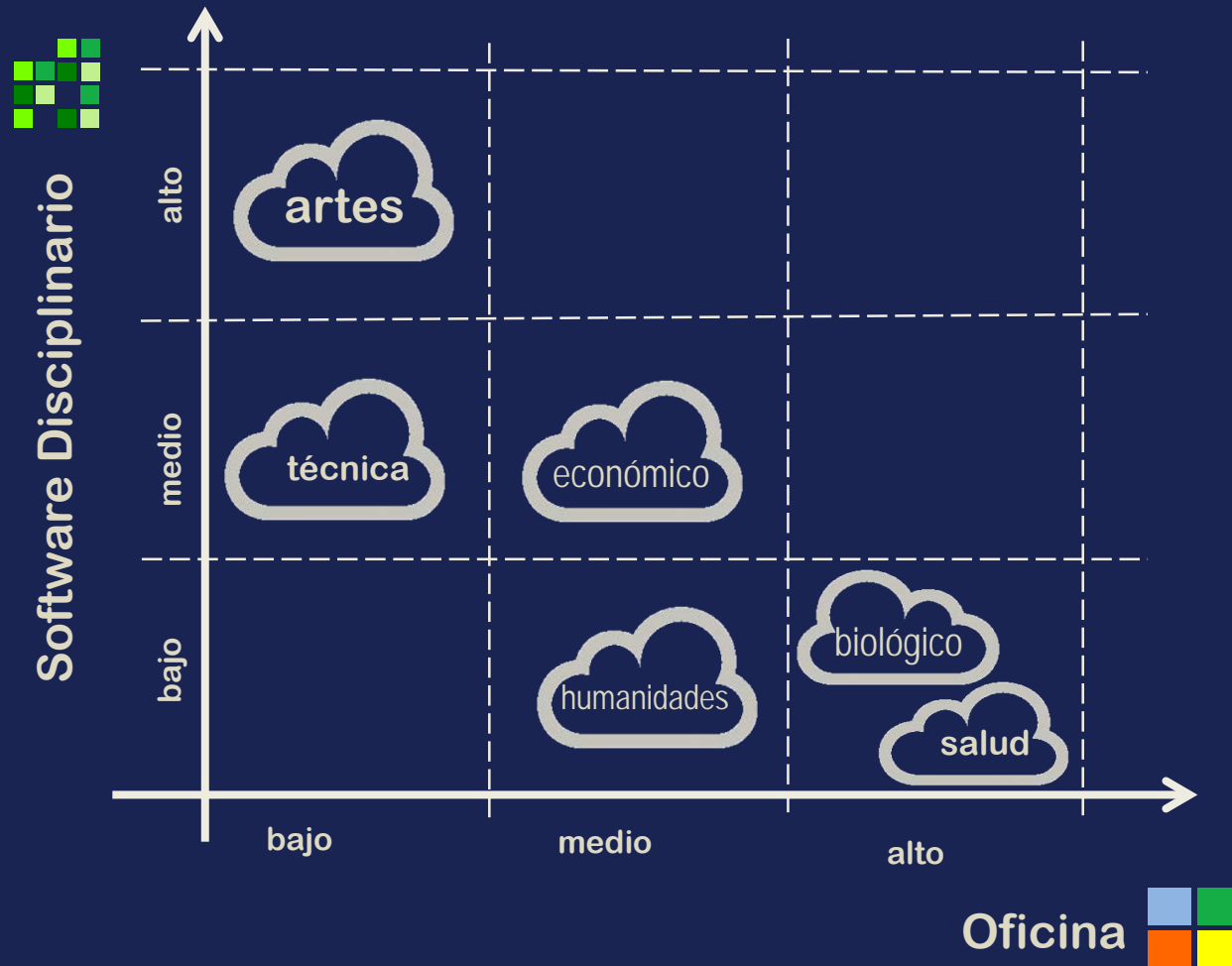
General Purpose Software

- Office
 - Word
 - Excel
 - PowerPoint
 - Pages
 - Adobe Acrobat Reader
 - Prezi
- Operative System Tools
 - Paint
 - WinRAR
 - Bloc de Notas
- Internet
 - Google
 - Google Scholar
 - Google Translator
 - Gmail
 - Eminus
 - Firefox, Explorer, Chrome, Opera
 - aTube Catcher
 - Wikipedia
 - MacAfee

Biology and Agropecuarian Studies



Academic Disciplines and ICT



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