

# The role of the Teaching Quality and Innovation Support Unit in the ICT Engineering Studies at Universitat Pompeu Fabra

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Our proposal is based on: **Practice-oriented knowledge**  
It fits one of the following conference themes: **Quality learning**  
Format: **Seminar**

**Summary:** One of the strategies of Universitat Pompeu Fabra to support Quality Learning has been the creation of Units for the Support of Teaching Quality and Innovation within each faculty. In the seminar we will present the role and activities of the Polytechnic School Unit in charge or coordinating the efforts towards quality learning in the Information and Communication Technologies (ICT) Engineering Studies. We will also discuss how these activities are informed to relevant academic stakeholders.

**Key words:** Teaching quality unit, ICT engineering education, quality learning, higher education

The objectives of the seminar are to describe and discuss the role and practices of the Teaching Quality and Innovation Support Unit (USQUID from the Spanish acronym) of the Polytechnic School (ESUP from the Spanish acronym) at Universitat Pompeu Fabra in order to foster Quality Learning (QL) and tackle the challenges posed by the ICT engineering studies and the global learning demands (such as the Bologna process or the mobility of teachers).

The activities of the USQUID ([www.usquidesup.upf.edu](http://www.usquidesup.upf.edu)) include:

- mediating and coordinating efforts towards QL in combination with other academic stakeholders in the University and the ESUP,
- supporting the exchange of relevant teaching experiences between teachers,
- planning and developing educational innovation projects to enhance the QL (see for example [1, 2]),
- pedagogical support and provision of multilingual resources to support QL among all the teaching staff [3],
- carrying out mechanisms to supervise, assist and recognize of teaching and learning quality practices in the ESUP,
- monitoring the quality of teaching plans and materials,
- promoting educational innovation initiatives among the teaching staff,
- evaluating the impact of QL support actions in the students (see for example [4]),
- providing statistics that measure QL issues among the teaching staff, the students' performance, and the social environment of the ESUP (see for example [5]), and
- suggesting to the relevant academic stakeholders the most appropriate actions to take for the improvement of QL and the curriculum.

The expected outcomes of the seminar are a set of conclusions around how we can enhance our current practices and which lessons learned can be generalized so as to be adopted across the institution and by other institutions.

## References

- [1] USQUID-ESUP, AlineaME project Website, AlineaME: ICT grades Competence Development. Aligning teaching/learning methodologies with the Evaluation Retrieved Jan. 2010 from <http://www.usquidesup.upf.edu/en/alineame-eng>
- [2] Moreno, V., Hernández- Leo, D., "Evaluation of the Modular Structure of the Polytechnic School. First Approximation (in Spanish)". Teaching Innovation Applied to Information Technologies II (Jornadas de Id-TIC), 21-22 April 2009, Alcalá de Henares, Spain.
- [3] Moreno, V., Hernández- Leo, D., "Material creation with Web support for the improvement of teaching in the Polytechnic school (in Spanish)" International Congress about the Use and Good Practice of ICT: Web 2.0. 1-2 Dec. 2009, Málaga, Spain.
- [4] Moreno. V., Frangi. A., Bellalta. B., Piella. G., Infante. J., "Introductory course to the University as an Organizational Strategy to introduce new members of the student body to the Polytechnic School (in Spanish)". X Interuniversity Conference on the Organization of Educational Institutions, 11-13 Dec. 2009, Barcelona, Spain.
- [5] Moreno. V., Bellalta. B., Infange. J., Piella. G., Frangi. A., "Profile of the newly arriving student body to Telecommunications Engineering and Computer Sciences (in Spanish)". International Days Polytechnic University of Madrid (UPM) on Educational Innovation and European Convergence, Polytechnic University of Madrid, 9, 10 and 11 Dec. 2008, Madrid, Spain.