

Introduction:

General purpose course, presenting a diverse set of strategies and pedagogical experiences, enhancing innovative learning scenarios. The Interactive Whiteboard (IWB) makes it possible to change the very nature of the information worked on in a classroom context (through multimedia resources and graphical animations) the time and spaces where learning happens as well as classroom dynamics.

Goals:

- Foster the development of new methodological practices.
- Promoting educational innovation and stimulating the use of ICT.
- Creating and assessing digital educational resources.
- Reflecting and debating over the potential of IWBs in the teaching and learning process.

Course Contents / General Programme:

Course 2 – The potentialities of Inter@ctive Whiteboards		
Day	Themes	Duration
1	WEB 2.0 and the IWB	6h
	Educational potential of the 21 st Century	
	IWB in schools: concept and technologies	
	Basic operating principles of the IWB	
	What changes in a classroom fitted with an IWB?	
2	Communication and interaction dynamics in education	6h
	Multimedia information support systems	
	IWB and collaborative learning	
	Exploring educational resources available online	
	Success case of IWB use: the project Inov@r.com QI	
	Hands on: creating educational resources	
3	IWB educational resources	6h
	Relevant features of an educational IWB resource	
	Software and formats in the designing of IWB resources	
	Exploring existing resources (content owned resources or available online) to be used in learning contexts	
	Hands on: creating educational resources	
4	The IWB and classroom dynamics	6h
	Planning activities to use with the IWB	
	Developing supporting materials for the teaching/learning process	
	Assessment methodologies for experiments and resources	
	Hands on: creating educational resources	
5	The IWB and the future classroom	6h
	Hands on: creating educational resources	
	Participants present their resources and methodological approaches	
	Peer comments and analysis	
	Transferring to learning contexts	
	Conclusion and course assessment	