Integration of Web-based Tutoring, Information and Communication with Face-to-Face Teaching

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Integration of Web-based technology with traditional classroom teaching may make the learning more open and flexible. This is achieved without loosing the important face-to-face contact between teacher and students, and between students.

I have constructed a learning environment were, on the one hand, the student can attend lessons and experience real communication with teacher and co-students (associated with synchronous learning), and on the other hand, have access to a worldwide network 24 hours a day (associated with asynchronous learning) [1]. In a way, as figure 1 indicate, there are two parallell timelines, one associated with the classroom teaching and one associated with the web-activities. While the first timeline is rather static, combination of the first line with the second one creates a dynamic learning environment with open and flexible learning as a result.

![Figure 1: The interaction between face-to-face-teaching and Web-activities.](http://www.hib.no/ansatte/leo/edmedia99/)

The dynamic character of the web-material is important in this respect: The web-pages are created after each lesson, influenced by the classroom-communication, and thereby, in a way, extend the lessons into cyberspace.

[1] This learning environment can be studied in more detail on the address http://www.hib.no/ansatte/leo/edmedia99/