

216101 – The Web As A Learning Environment

The course is given by Doctor Miriam Barak from the faculty of Education Science and Technology.

Course URL: <http://moodle.technion.ac.il>

Course dates and structure: nine sessions, with additional hours of personal advising. The course is based on the studio approach – short lectures, workshops, homework assignments, and students' presentations.

Course Objectives: Familiarity with advanced pedagogical approaches: from theory to practice. Experiencing various methods of online teaching and learning (asynchronous, synchronous, and blended). Discussion research topics at the forefront of contemporary education, including: 21st century skills, mobile and ubiquitous learning, the flipped classroom, MOOCs, augmented worlds, wisdom of the crowds, and citizens science.

Course requirements: Full attendance in all classroom sessions; reading of articles as preparation for the lessons; submitting assignments on time; and significant contribution to in-class and online discussions. Grades will be assigned according to the following table: