

The Web as a Learning Environment

University:	Technion
Level:	BA3, BA4, MA all years
Teaching mode:	completely online, at specific time
Instructor(s):	Professor Miri Barak

Short description

The course takes the students through a journey on how learning and instruction have evolved in the past two decades and the challenges facing education in the 21st century. In this course, students will be acquainted with state-of-the-art innovations in digital learning. The course will discuss socio-cultural aspects of science and engineering education, with the transition from blackboards to laptops and 'smart' devices and new educational trends.

Full description

Learning outcomes

At the end of the course, the learner will be able to:

1. Design online project-based learning (PBL) assignments.
2. Successfully implement an online PBL assignment.
3. Provide high quality peer-assessment.
4. Participate in an online pitch and bidding session.

Recommended in particular for students of the following study programmes

Students who are interested in science and engineering education

General information

Contact hours per week:	2
Total workload:	42 (in student hours for the whole course)
ECTS credits:	2
Language:	English

Course start date: 21 March 2023
Course end date: 04 July 2023
Add. info about start date:
Weekly teaching day/time:
Time zone: CET +1 (Estonia, Israel)
Further information:

Prerequisites: Background in science or engineering
Activities and methods: Lectures, Group work, Self-study
Presence on campus: No

Final examination

Form: project
Date:
Location/format: online
Re-sit possibility:
Transcript available:
Add. info/requirements:

Registration

To register for this course, follow the registration requirements of your **home university** as specified here: www.euroteq.eu/courses-registration.

Administration

Number of places: 10
Minimum participants: 6
Internal course code: 216034
Contact: bmiriam@technion.ac.il

This course is part of the EuroTeQ Engineering University joint course catalogue 2023. This is a collaborative activity of the partner universities DTU, L'X, TU/e, TalTech, CTU, TUM as well as Technion. Students from these universities can participate in the offered courses. It is the responsibility of the student to check if you fulfil the requirements to participate in a specific course. Students are also advised to check with their home institution how to get recognition of the ECTS credits gained in courses of the EuroTeQ course catalogue. For further information about EuroTeQ Engineering University, visit www.euroteq.eu or get in touch with the above-mentioned point of contact.