LS 601 – FALL 2017
Foundations of Learning Sciences

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CLASS: Monday 10.00-13.00 ETB 511 (CET Seminar Room)

OFFICE HOURS: by appointment

TEXT: Weekly readings available online

Online components: http://bounce.boun.edu.tr (for QuACTLes & feedback)
https://moodle.boun.edu.tr (for course materials and grades)

OVERVIEW AND OBJECTIVES

This course is designed to introduce major epistemic, theoretical positions and research approaches in learning sciences. Through assigned readings and discussions, students are expected to become competent in understanding cognitive and social perspectives on learning, concepts and approaches to learning environment design that focuses on interaction and authentic practices for learners.

ACADEMIC HONESTY

It is assumed that you will submit your own work for all assignments and only your own work will receive a grade. If you refer to the work of any other author (including the work of another student, Internet source, published or unpublished article) you must clearly indicate what is quoted or paraphrased or summarized, cite the source in APA format, and incorporate the cited material logically and coherently into an exposition of your own ideas. Incidents of deliberate academic dishonesty will result in failure for the course and liability to disciplinary action under the terms of the university.

DISABILITY POLICY

Bogazici University is committed to provide equal educational opportunities for all BU students. If you have a disability-related need for modifications in this course, contact me for appropriate accommodations.

COURSE EXPECTATIONS AND GRADING

Professionalism / In-class Participation (10)
Class will be discussion-based. Your presence and participation is essential for class discussions. Absences without an acceptable excuse and tardiness will affect your professionalism and participation grade.

This portion of your grade will be based on following criteria;
1. The nature of your collaborative efforts with classmates and instructor(s): Are you actively engaging in the activities of this course?

2. The quality of contributions made in class: Are you actively improving the learning environment of this course?

Learning Paper (30)
Learning & Technology assignments (30)  Paper details will be provided by module instructors.
Research Methods Paper (30)

Distribution of Grades

100-90=AA  89-85=BA  84-80=BB

COURSE SCHEDULE

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<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Sep 18</td>
<td>Intro to course and expectations</td>
</tr>
<tr>
<td>Sep 25</td>
<td>Dimensions of human learning</td>
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<tr>
<td>Oct 2</td>
<td>Intro to learning sciences as a discipline and student-centered learning env.</td>
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<tr>
<td>Oct 9</td>
<td>Situated Learning and Design</td>
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<td>Oct 16</td>
<td>Scaffold</td>
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<td>Oct 30</td>
<td>Problem-based Learning &amp; Anchored instruction</td>
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<td>Nov 6</td>
<td>Learning to be Literate &amp; Online reading comprehension</td>
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<td>Nov 13</td>
<td>Learning as a cultural process: Achieving equity through diversity</td>
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<td>Nov 20</td>
<td>Design-Based Research</td>
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<td>Nov 27</td>
<td>Design-Based Research and Technology-Enhanced Learning Environments</td>
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<td>Dec 4</td>
<td>Design-Based Research and methodological issues</td>
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<td>Dec 11</td>
<td>Research proposal presentation</td>
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Readings

**Sep 25**

**Oct 2**


**Oct 9**

**Oct 16**

**Oct 23**


**Oct 30**


**Nov 6**


http://www.voiceofliteracy.org/posts/26036
http://www.voiceofliteracy.org/posts/44978

**Nov 13**
Nov 20


Nov 27

Dec 4