



אוניברסיטת בן-גוריון בנגב
הפקולטה למדעי הרוח והחברה
המתלקה לספרויות זרות ובלשנות, תש"פ 2019-20

Name of the course: Challenges in Computational Linguistics

Lecturer name: Ariel Cohen

Course number: 132-1-0147

Office hours: TBA

Short course description (5-10 lines) with key words at the end of the paragraph

In this course we will discuss a variety of approaches to the processing of language by computers, and consider what it is about language that makes such processing so difficult. To demonstrate these issues, we will concentrate on the problem of anaphora resolution.

Note: This course is open to all university students, from all faculties.
There are no prerequisites

Course requirements:

Attendance required		no
1. Midterm	20	%
2. Final exam:	80	%

The following topics will be covered:

1. The problem of anaphora resolution
2. Linguistic fundamentals
3. The process of automatic anaphora resolution
4. Theories and formalisms
5. Previous approaches
6. Present approaches
7. Data oriented methods