



# Course program and reading list

Semester 2 Year 2024

**School:** Efi Arazi School of Computer Science M.Sc.

AI

**Lecturer:**

Dr. Kfir Bar [kfir.bar@runi.ac.il](mailto:kfir.bar@runi.ac.il)

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<b>Course No.:</b>	<b>Course Type :</b>	<b>Weekly Hours :</b>	<b>Credit:</b>
3670	Seminar	3	3

<b>Course Requirements :</b>	<b>Group Code :</b>	<b>Language:</b>
Final Paper	242367001	Hebrew

**Prerequisites**

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- 52 - Calculus I
  - 53 - Calculus II
  - 54 - Linear Algebra I
  - 55 - Linear Algebra II
  - 56 - Discrete Mathematics
  - 59 - Data Structures
  - 69 - Logic And Set Theory
  - 417 - Introduction To Computer Science
  - 3141 - Machine Learning from Data
  - 3523 - Natural Language Processing
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## Course Description

- In this seminar we will cover some advanced topics in NLP
- It's a seminar, so the content will be presented by you!

- No more than 2 missing sessions are permitted
  - Speaking language: Hebrew/English
  - Piazza: <https://piazza.com/idc.ac.il/spring2024/3670>
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## Course Goals

- You are not presenting a paper, you are presenting **everything required to understand the paper**
  - Every week we will have one or two presentations
  - Everyone should at least read the abstract/conclusions of both papers before coming to class
  - Presentation must be accompanied by slides
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## Grading

- Presentation: **65%**
    - Slides: 10%
    - Understanding of the presented paper: 30%
    - Providing educational intuition in relevant parts: 25%
  - Review X 2: **10% each**
  - Popular science article (reporter): **5%**
  - Archeology work: **10%**
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## Reading List

Topics: <https://docs.google.com/spreadsheets/d/14MVT0AaX1dNQwsqUuXbLCpxjXwfjqpB2n9R-m4Ml5mY/edit#gid=0>