Full Syllabus

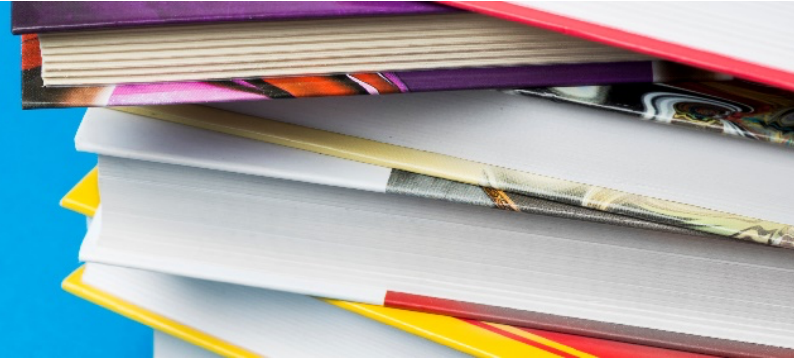**Course Title**

Natural Language Processing

Lecturer

Maor Ivgi

Semester

A

Course requirements

HW + final project

Final grade components

50% HW and 50% final project

Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	Introduction, discrete word representations
2	Distributed word representations
3	Language models
4	RNNs, subword models
5	Attention & Transformers
6	Transformers
7	Pretraining & finetuning schemes
8	Natural language generation
9	Information retrieval
10	Alignment
11	Advanced topics in modern NLP
12	Interpretability in large language models
13	Projects presentations

Required course reading

Optional course reading

Comments

Home assignments and final projects will be submitted in groups