Schedule

Week 1

	Morning (9:00 -- 11:50)	Afternoon (1:00 -- 4:00)	Deadlines
7/1	Introduction; what's NLP, why it is hard, what's generative AI	Introduction to Online Generative AI tools, Brainstorm Project Ideas	
7/2	Distributional Semantics and Word Embeddings	Project Discussion and Lab	Homework 1 out
7/3	N-gram Language Models	Project Discussion and Lab	Course Project Proposal Due
7/4	No Class	No Class	
7/5	Smoothing N-gram Language Models	Lab tour / seminar	

Week 2

	Morning (9:00 -- 11:50)	Afternoon (1:00 -- 4:00)	Deadlines
7/8	Intro to neural language models	Discussion and Lab	Homework 1 due Homework 2 out
7/9	Project Mid-Term Presentation	Project Mid-Term Presentation	
7/10	RNN language models	Discussion and Lab	Course Project: mid-term report due
7/11	Transformer Models	Discussion and Lab	
7/12	Masked Language Modeling	Lab tour / seminar	

Week 3

	Morning (9:00 -- 11:50)	Afternoon (1:00 -- 4:00)	Deadlines
7/15	Causal Language Models (i.e., ChatGPT)	Exam (90 mins); Discussion and Lab	Homework 2 due
7/16	Biases and Ethics Considerations for Generative AI	Discussion and Lab	
7/17	Application: Creative Generation	Discussion and Lab	
7/18	Application: Multi-Modal Generation	Discussion and Lab	Course Project: final report due
7/19	Project Final Presentation + Demo	Course Project Presentation + Demo / Closing	