عنوان جلسه	ساعت	تاریخ	
Intro – Probability and Linear Algebra Review	9 - 11	پنج شنبه ۲۱ دی	11/01/18
Basic Python programming	11 - 13		
ناهار و استراحت	13-14		
Python cont'd - Git and Bash Review - Setting up Cloud/local servers for GPU training	14 - 17		
Session 1: Fast.ai Lesson 1	9 - 11	پنج شنبه ۲۸ دی	18/01/18
Session 2: Stat385 Lecture 2 Readings – Overview of Deep Learning	11 - 13		
ناهار و استراحت	13-14		
Session 3b: Lecture 2 – Image Classification	14 - 17		
Session 3c: Word Vector Representations:word2vec	14 - 17		
Session 1: Fast.ai Lesson 2	9 - 11	پنج شنبه ۵ بهمن	25/01/18
Session 2: Stat385 Lecture 3 Readings – Harmonic Analysis of CNNs	11 - 13		
ناهار و استراحت	13-14		
Session 3b: Loss Functions and Optimization	14 - 17		
Session 3c: Advanced Word Vector Representations	14 - 17		
Session 1: Fast.ai Lesson 3	9 - 11	پنج شنبه ۱۲ بهمن	1/02/18
Session 2: Stat385 Lecture 4 Readings – ConvNets from First Principles (Generative Models, Dynamic Programming & EMs)	11 - 13		
ناهار و استراحت	13-14		
Session 3b: Intro to Neural Networks	14 - 17		
Session 3c: Word Window Classification and Neural Networks	14 - 17		
Session 1: Fast.ai Lesson 4	9 - 11	پنج شنبه ۱۹ بهمن	8/02/18
Session 2: Stat385 Lecture 5 Readings – When Can Deep Networks Avoid the Curse of Dimensionality & Other Theoretical Puzzles	11 - 13		
ناهار و استراحت	13-14		
Session 3b: Convolutional Neural Networks	14 - 17		
Session 3c: Backpropogation	14 - 17		
Break		پنج شنبه ۲۶ بهمن	15/02/18
Session 1: Fast.ai Lesson 5	9 - 11	پنج شنبه ۳ اسفند	22/02/18
Session 2: Stat385 Lecture 6 Readings – Views on Deep Networks from Reproducing Kernel Hilbert Spaces	11 - 13		
ناهار و استراحت	13-14		
Session 3b: Training Neural Networks Part 1	14 - 17		
Session 3c: Dependency parsing	14 - 17		
Session 1: Fast.ai Lesson 6	9 - 11	پنج شنبه ۱۰ اسفند	1/03/18
Session 2: Stat385 Lecture 7 Readings – Understanding & Improving Deep Learning with Random Matrix Theory	11 - 13		
ناهار و استراحت	13-14		
Session 3b: Training Neural Networks Part 2	14 - 17		
Session 3c: Recurrent Neural Networks and Language Models	14 - 17		
Session 1: Fast.ai Lesson 7	9 - 11	پنج شنبه ۱۷ اسفند	8/03/18
Session 2: Stat385 Lecture 8 Readings – Topology & Geometry of Half-rectified Network Optimization	11 - 13		
ناهار و استراحت	13-14		
Session 3b: Deep Learning Software	14 - 17		
Session 3c: Machine Translation and Advanced Recurrent LSTMs and GRUs	14 - 17		

تاریخ		ساعت	عنوان جلسه
15/03/18	پنج شنبه ۲۴ اسفند	9 - 11	Session 1: Fast.ai Lesson 8
		11 - 13	Session 2: Stat385 Lecture 9 Readings – What's Missing From Deep Learning?
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: CNN Architectures
		14 - 17	Session 3c: Neural Machine Translation and Models with Attention
5/04/18	پنج شنبه ۱۶ فروردین	9 - 11	Session 1: Fast.ai Lesson 9
		11 - 13	Session 2: Stat385 Lecture 10 Readings – Convolutional Neural Networks in View of Sparse Coding
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: Recurrent Neural Networks
		14 - 17	Session 3c: Gated Recurrent Units and Further Topics in NMT
12/04/18	پنج شنبه ۲۳ فروردین	9 - 11	Session 1: Fast.ai Lesson 10
		11 - 13	Session 2: Stat385 Extra Readings Part 1
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: Detection and Segmentation
		14 - 17	Session 3c: Convolutional Neural Networks
19/04/18	پنج شنبه ۳۰ فروردین	9 - 11	Session 1: Fast.ai Lesson 11
		11 - 13	Session 2: Stat385 Extra Readings Part 2
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: Visualizing and Understanding
		14 - 17	Session 3c: Tree Recursive Neural Networks and Constituency Parsing
26/04/18	پنج شنبه ۶ اردیبهشت	9 - 11	Session 1: Fast.ai Lesson 12
		11 - 13	Session 2: Bayesian Deep Learning
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: Generative Models
		14 - 17	Session 3c: Coreference Resolution
3/05/18	پنج شنبه ۱۳ اردیبهشت	9 - 11	Session 1: Fast.ai Lesson 13
		11 - 13	Session 2: Bayesian Deep Learning
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: Deep Reinforcement Learning
		14 - 17	Session 3c: Dynamic Neural Networks for Question Answering
10/05/18	پنج شنبه ۲۰ اردیبهشت	9 - 11	Session 1: Fast.ai Lesson 14
		11 - 13	Session 2: Deep Learning Security
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: Efficient Methods and Hardware for Deep Learning
		14 - 17	Session 3c: Issues in NLP and Possible Architectures in NLP
17/05/18	پنج شنبه ۲۷ اردیبهشت	9 - 11	Session 1: Projects
		11 - 13	Session 2: Deep Learning Security
		13- 14	ناهار و استراحت
		14 - 17	Session 3b: Adversarial Examples and Adversarial Training
		14 - 17	Session 3c: Tackling the Limits of Deep Learning for NLP