Course timeline (subject to change)

Assignments are due by the beginning of the next meeting unless indicated otherwise

Week	Date	Topic	Notes	Assignments
1	6/3	Overview of Machine Intelligence	Course Introduction	zyBooks, Chapter 1 – 2
		Introduction to Python (input/output, variables, and expressions)	Variables and Expressions	
	6/8	Python Programming Fundamentals (strings, lists, and tuples)	Intro to Sequences	zyBooks, Chapter 3
2	6/10	Python Programming Fundamentals (branching and loops)	Branching and Loops	zyBooks, Chapters 4 – 5
3	6/17	**Review / Python Assessment**		Assessment
4	6/24	Python Programming (functions, lists and dictionaries)	Functions and Dictionaries	zyBooks, Chapters 6-7
5	7/1	Natural Language Processing (NLP and Spacy)		
6	7/8	Mining Twitter Data (Python programming: dictionaries)		
		Speech Recognition and Watson Assistant		
		Project #1: Natural Language Processing / Watson Assistant		
		Introduction to Machine Learning (using k-nearest neighbors)		
		Introduction to Neural Networks		
		Image Recognition / Convolutional Neural Networks		
		Project #2 (Machine Learning)		
		Ethical Issues in Machine Intelligence		
		Ethical Issues (con't)		
		Project		