Table of course activities 2023

Here is a summary of the self-study and timetabled activities for this course. Note that not all activities happen every week. We will normally release self-assessment exercises and *either* a lab **or** tutorial sheet each week. A few weeks have only one of the three.

Activity	Frequency	Compulsory?	Notes
Lecture	Three times a week, at 11:10am on Monday, Tuesday, & Thursday	Yes	
Reading	With most lectures	Yes	Compulsory readings are meant to complement lectures. They may give more detail / different point of view on the material, and anything in the readings can be assessed on the exam. You may choose to complete the reading either before or after the lecture, depending on what works best for you.
Self-assessment exercises	Nearly all weeks, not timetabled. Complete after lectures, and no later than Monday of the following week.	Yes	Autochecker available and solutions released on Monday of the following week.
Labs	Four in total, Timetabled for weeks 2, 3, 7, & 9	Yes	Work in pairs during timetabled lab sessions, solutions released after all sessions.
Tutorials	Four in total, Timetabled for weeks 4, 6, 8, and 10	Yes	Questions for discussion are released the previous week and usually require 15-60 min of preparation.
Assignments	Two in total	Yes. Assessed.	Done in pairs; we'll find you a partner if you want.
Help hour	Weekly, timetabled	No: only attend if you have questions to ask.	

A typical week's schedule and deadlines

Each week's materials will become available over the weekend, so you can start working on them Monday morning. You can work through the materials at your own pace, but keep in mind the following schedule to keep you on track.

Monday	• Attend lecture • Complete any reading associated with the lecture • Self-assessment exercises from the previous week should be completed; review solutions
Mon/Tue/Wed	• Lab sessions will take place in some weeks. Please attend your assigned session if possible
Tuesday	• Attend lecture • Complete any reading associated with the lecture
Wednesday	• Make sure you have/will complete any required preparation for your tutorial group meeting/discussion (in weeks with group meetings).
Wed/Thu/Fri	• Tutorial discussion group meetings will take place in some weeks. Please attend your assigned session if possible
Thursday	• Attend lecture • Complete any reading associated with the lecture

Outline of course schedule, by week

Note: This schedule is indicative only, and subject to minor changes. Items in blue (tutorial and lab exercises) are not submitted or assessed, but "due" dates are given to help students stay on track.

1. Introduction, words and morphology
    - Fri: intake form due
2. Finite state methods, dynamic programming, edit distance
    - Mon: previous weeks' self-assessment exercises due
    - Mon/Tue/Wed: lab
3. Probability, n-gram models, smoothing
    - Mon: previous weeks' self-assessment exercises due
    - Mon/Tue/Wed: lab
    - Tue: Assignment 1 released
4. Naïve Bayes, logistic regression, basic neural networks
    - Mon: previous weeks' self-assessment exercises due
    - Wed/Thu/Fri: tutorial
5. Parts of speech, hidden Markov models
    - Mon: previous weeks' self-assessment exercises due
    - Wed: Assignment 1 due at noon
6. Syntax, context-free grammars, the CKY algorithm
    - Mon: previous weeks' self-assessment exercises due
    - Wed/Thu/Fri: tutorial
7. Probabilistic CFGs, dependency parsing
    - Mon: previous weeks' self-assessment exercises due
    - Mon/Tue/Wed: lab

8. Lexical semantics and word embeddings
    - Mon: previous weeks' self-assessment exercises due
    - Tue: Assignment 2 released
    - Wed/Thu/Fri: tutorial
9. Sentence semantics, logical forms, coreference
    - Mon: previous weeks' self-assessment exercises due
    - Mon/Tue/Wed: lab
10. Ethics & bias, exam feedforward
    - Mon: previous weeks' self-assessment exercises due
    - Wed: Assignment 2 due at noon
    - Wed/Thu/Fri: tutorial
11. Revision week
    - Mon: previous weeks' self-assessment exercises due