Intonation

LING 352, Spring 2022, Reed College

Instructor:	Sameer ud Dowla Khan (they/he), skhan@reed.edu
Class meeting:	Mon/Wed 1:25–2:45PM in ETC 208
Drop-in office hours:	Tue/Wed 4:00–6:00PM in Eliot 101C
Virtual office hours:	Wed 11:00AM–12:30PM at https://reed-edu.zoom.us/j/97023684967
Distribution group:	Group II
Learning goals:	Evaluate data Analyze languages, structures, and processes

Course description and learning outcomes

This course is an in-depth study of intonation—the manipulation of pitch, stress, and length to signify sentence-level meaning—in varieties of English as well as in several other languages, including Dutch, German, Swedish, Japanese, Bengali, Korean, and others. This course will have two components, which will overlap considerably. In the laboratory skills component, you will learn how to collect, transcribe, measure, and analyze intonational data in Praat (a program for acoustic analysis and other phonetic work), while in the theoretical component, you will read about and test the claims of various theories of intonation. With these skills, you will conduct independent research over the course of the semester. The course will also cover the interface between intonation and other aspects of the mental grammar, including the realization of morphology, syntactic structure, and focus through prosody.

Requirements and grading breakdown

Prerequisite:	Introduction to Linguistic Analysis (LING 211) or Phonetics (LING 320)
Textbooks:	Ladd, D. Robert (2008). *Intonational Phonology*, 2nd ed. **(req., on reserve, e-book available)** Jun, Sun-Ah (2005). *Prosodic Typology*. **(req., on reserve, e-book available)** Reading assignments are due at the start of class.
Assignments (50%):	About once a week, we focus on lab skills, e.g. recording, editing, and transcribing sound files in intonational analysis. Eight lab assignments will test these practical skills; the sixth and eighth lab assignments are crosslinguistic and more complex, and are weighted accordingly. Lab assignments are due at the start of class.
Exams (25%):	The midterm exam (15%) involves transcription skills and theoretical knowledge. During the reading period, an individual exam (10%) tests your production skills in English intonation.
Pilot project (25%):	Each student conducts a pilot (i.e. small-scale) study on an intonational topic of their choice. Students will turn in a final paper and present their findings a conference-style talk during finals week.

Policies

Misconduct:	You are expected to work together, but your submissions must reflect your [+singular] own judgments, findings, and analyses. Varying from this can be considered academic misconduct.
Late work:	Four 12-hr extensions are available to apply to lab assignments, up to two (=24 hrs) on a single lab. No other extensions will be accepted, except those identified by DAR accommodations.
Accommodations:	If you need accommodations for this class, contact DAR at dar@reed.edu and meet with me in person or over Zoom to work out the details of your DAR letter.

Class schedule

L: lab assignment due, **R:** reading due, **P:** pilot project update due

Readings: B93 = Beckman 1993; BA97 = Beckman & Ayers Elam 1997; BHR18 = Burdin, Holliday, & Reed 2018; BT18 = Burdin & Tyler 2018; GBB05 = Grice, Baumann, & Benzmüller 2005 (ch 3 in Jun 2005); GKC05 = Grabe, Kochanski, & Coleman 2005; G05 = Gussenhoven 2005 (ch 5 in Jun 2005); J05a = Jun 2005 (ch 8 in Jun 2005); J05b = Jun 2005 (ch 16 in Jun 2005); K12 = Khan 2012 (ch 4 in Jun 2012); L = Ladefoged; Ladd = Ladd 2008; M10 = Myrberg 2010; PB88 = Pierrehumbert & Beckman 1988; PH90 = Pierrehumbert & Hirschberg 1990; T06 = Truckenbrodt 2006; T12 = Truckenbrodt 2010; V05 = Venditti 2005 (ch 7 in Jun 2005)

Week	Day	Date	In class	Due at the start of class
1	Mon	24 Jan	What is intonation? What is it not?	**R:** Ladd §1
	Wed	26 Jan	Crash course in acoustic phonetics	**R:** L §8
2	Mon	31 Jan	**Lab:** Segmenting, editing, annotating	
	Wed	2 Feb	Prominence, simple pitch accents Understanding the pitch contour	**R:** Ladd §2; B93 §1; BA97 §1 **L:** Segmenting, editing, annotating (Fri)
3	Mon	7 Feb	**Lab:** Simple PAs, pitch manipulation **Pilot project introduction**	
	Wed	9 Feb	Boundary tones, tone:meaning mapping	**R:** PH90 §4–8, T12 §1–2 **L:** Simple pitch accents (Fri)
4	Mon	14 Feb	**Lab:** Contour pitch accents, downstep	
	Wed	16 Feb	Rising PAs, meanings of downstep	**L:** Contour pitch accents, downstep (Fri) **P:** Proposals (Fri)
5	Mon	21 Feb	Ethnic and regional identity in intonation	**R:** BHR18
	Wed	23 Feb	Focus, nuclear stress placement **Lab:** Complex downstep, recording	**R:** Ladd §6, 7; T06
6	Mon	28 Feb	Prosodic phrasing, phrase accents Rising and plateau boundaries Gender in intonation	**R:** Ladd §4.2, §8.1–8.2; B93 §2–6 **R:** BT18 **L:** Complex downstep, recording
	Wed	2 Mar	**Pilot project proposal presentations** **Lab:** Phrasing, contour drawing, MAE_ToBI	**R:** Ladd §3.1–3.2; Jun §2.1–2.4 **P:** Pilot project proposal presentations
7	Mon	7 Mar	**Midterm:** MAE_ToBI transcription, theory	**P:** Proposal feedback
	Wed	9 Mar	British varieties of English, **Lab:** IViE	**R:** GKC05
8	Mon	14 Mar	German, **Lab:** GToBI	**R:** GBB05 (Jun §3)
	Wed	16 Mar	Dutch, **Lab:** ToDI	**R:** G05 (Jun §5)
9	Mon	28 Mar	Review of West Germanic lgs Swedish: stressed lexical pitch accent	**R:** Ladd §4.3; M10 §2, 8
	Wed	30 Mar	**Lab:** Swedish	**L:** West Germanic languages
10	Mon	4 Apr	Japanese: unstressed lexical PA	**R:** V05 (Jun §7)
	Wed	6 Apr	Japanese: regional varieties, **Lab:** J_ToBI	**L:** Swedish text grids
11	Mon	11 Apr	Bengali: weak accent, tonal interaction	**R:** K14 §4.1–4.3.3 (Jun §4.1–4.3.3) **P:** Updates (Fri)
	Wed	13 Apr	Bengali: focus prosody, **Lab:** B-ToBI	**R:** K14 §4.3.4–4.5 (Jun §4.3.4–4.5) **L:** Japanese text grids
12	Mon	18 Apr	Korean: no accent, segment interaction	
	Wed	20 Apr	**Lab:** K-ToBI	**R:** J05a (Jun §8) **L:** Bengali text grids
13	Mon	25 Apr	Review of AP languages Typology wrap-up	**R:** J05b (Jun §16)
	Wed	27 Apr	Course evaluations Practice: English production	**L:** Korean text grids **L:** Accentual phrase languages (Fri)
Exam	Wed	11 May	**Final exam:** MAE_ToBI production (individual, 12–2pm)	
	Thu	12 May	**Pilot project final presentations** (9am-12noon), **Pilot project papers due** 6pm	