

# Phonology

ENGL 5339 (Spring 2014)  
Texas Tech University



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**Office:** English & Philosophy Building, Room 312C

**Class Meetings:** M/W, 6:00pm–7:20pm, English & Philosophy Building, Room 450

**Office Hours:** M/W, 3:00pm–3:50pm (and by appointment)

## About this course

Speech sounds are perhaps the most basic building blocks of spoken language, but how do they ‘work’? This course is an introduction to the description and analysis of the sound patterns found in human languages. In this class, we will cover the key concerns of phonologists: the sound patterns found in the world’s languages, the ways in which these patterns vary (or don’t) across languages, and how speakers represent them mentally.

Linguistics is a formal, empirically-based, and scientifically rigorous discipline. This course will teach you to analyze phonological data like a scientist. We will examine data from many, many languages; your aim will be to find the patterns in these data, use a theory to capture those patterns, and then assess the validity of the theory. We will develop a set of analytical tools with which to describe and explain these sound patterns, and we’ll also learn how to develop and present a formal linguistic analysis.

### By the end of this course, you should be able to...

- Use the International Phonetic Alphabet (both recognizing symbols and basic transcription)
- Recognize cross-linguistically common phonological phenomena
- Collect, describe, analyze, and report sound patterns
- Present a formal linguistic analysis

We will make use of a number of phonological theories over the course of the semester, beginning with the structuralist notion of the phoneme. This will be followed by rule-based analysis (along the lines of Chomsky and Halle’s (1968) *Sound Pattern of English*), and finally Optimality Theory (Prince and Smolensky 1993, McCarthy and Prince 1993).

# Materials

## Required Course Textbook

Odden, David (2005). *Introducing Phonology*. (First Edition). Cambridge University Press. ISBN: 9780521534048.

- Please be sure to get the *first* edition (pink cover), and not the second (blue cover).

## Handouts

Handouts for (nearly) every class meeting will be posted on the course Blackboard site before class. It is your responsibility to bring these handouts with you to every class meeting, either in digital or dead tree format. (Printing these handouts will be to your benefit, as there are spaces to fill things in!)

## Other Materials

All other materials will be made available on the course Blackboard site. Please contact me immediately if you do not have access to the site.

# Assignments and Grading

## Homework

Problem sets will be assigned (approximately) weekly, usually handed out on Wednesday and due the following Monday. (We will discuss the format for writing up problem sets in class.)

Work must be typed and submitted *as a PDF* via the course Blackboard site (too many fonts go wrong in Word documents). If necessary, you may draw structures by hand and scan them into your document, but this is dispreferred.

Your lowest homework score (including zeros for any assignment not turned in) will be dropped.

For all homework assignments, you may work in groups under the following conditions:

Groups can include up to three people, and no more. You may discuss the problem, debate solutions, and come up with answers together. Once you have finished working together, everyone must write up their own assignment and hand it in separately.

(Yes, your assignments will possibly resemble those of your collaborators, but they will not be identical, since you've written up your own analysis away from the group.)

If you and another person hand in nearly identical assignments (as adjudicated by me), I reserve the right to require you to work alone from then on.

You must, at the top of your assignment, write the names of all the people you worked with—even if you end up completely disagreeing with them.

## Individual Language Project

Each student will select a language to work on over the course of the semester, applying what you have learned in class to that particular language.

- By M, 2/17: Choose a language, have a grammar *in hand*
- By W, 2/26: Phonological sketch due (5–6 pages, double spaced)
- By W, 4/2: Problem set proposal due (3–4 pages, double spaced)
- By Th, 5/8: Problem set due

### Phonological Sketch

A brief report (5–6 pages, double spaced) on the phonology of your chosen language. What sounds does this language have? What phonological processes does it exhibit? Further details will be discussed in class.

### Problem Set

The final project consists of developing a phonology problem set based on data from your language. You will need to find phonological processes in the language, gather relevant data, and organize it coherently. You will also need to provide a ‘teacher’s guide’ with your solution to the problem set. Further details will be discussed in class.

### Grade breakdown

Category	Percent	Numerical score	Letter grade
Homework assignments	45%	95–100%	A+
Phonological sketch	15%	90–94.99%	A
Problem set proposal	10%	85–89.99%	B+
Problem set project	30%	80–84.99%	B
		75–79.99%	C+
		70–74.99%	C
		65–69.99%	D+
		60–64.99%	D
		>60%	F

## Policies and expectations

### Attendance and punctuality

You are expected to come to (every) class and to participate fully in class discussions and exercises. Repeat tardiness may be counted as an absence.

If you know you will be absent, *email me ahead of time*. If the absence is documented and justifiable, it *may* be excused (at the discretion of the instructor).

<b>Unexcused absences</b>	<b>Consequence</b>
4	10 percentage points deducted from final course grade
$\geq 5$	Automatic F for the course

University policy (OP 34.19) requires that no penalty be imposed upon students who are absent from class because of religious observances, and allows for students to make up the work missed because of such absence. To exercise this right, *students must inform the instructor in writing prior to the absence*.

## **Late work**

Assignments must be submitted on time—this is at the start of class, unless otherwise specified. *Assignments turned in after the deadline will receive zero points*. There is no partial credit for late work.

## **Extraordinary circumstances**

Life is complicated—illnesses and injuries happen. If these or other life events are interfering with your ability to meet course requirements, please *let me know as soon as possible*.

## **Email**

Some course-related announcements will be made over email. These messages will be sent to your TTU address, which you should check at least daily. Failure to check your TTU email will not excuse you from any requirements assigned via email.

Please include the course number in the subject line of any emails you send me (as well as an actual subject). If you are sending from an account other than your TTU address, please include your full name in the message body.

## **Civility in the classroom**

Students are expected to maintain a polite, civil environment that is conducive to learning for everyone. This includes refraining from non-approved uses of electronic devices. Breaches of decorum may result in expulsion from the classroom or consequences for final grades.

## **Academic integrity**

Academic integrity will be policed vigorously in this course. Please familiarize yourself with TTU's policy on academic integrity, which can be found in the *Student Handbook & Code of Conduct*, §II.B, X.B3 (<http://www.depts.ttu.edu/dos/handbook/>), and the University's Operating Policies & Procedures §34.12.3 (<http://www.depts.ttu.edu/opmanual/OP34.12.pdf>).

Some broad outlines of the University policy:

- *The attempt of students to present as their own any work not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offenders liable to serious consequences, possibly suspension.* (OP §34.12.3)
- “Cheating” includes, but is not limited to: copying from another student; using unauthorized materials during an exam; using, buying, or transporting test keys or homework solutions; collaborating on assignments without authority to do so; falsifying data.
- “Plagiarism” includes, but is not limited to: presenting others’ work as one’s own academic work; failure to appropriately give credit to quotes or ideas taken from other sources including books, magazines, Internet sources, and scholarly works.

You may work in groups on the homework assignments in this course only as outlined in the ‘Homework’ section above. Any other collaboration may result in disciplinary action.

If you have any questions, please consult the instructor, a dean, or the University’s academic integrity policy.

## **Accommodations for students with disabilities**

Any student who, because of a disability, may require special arrangements in order to meet the course requirements, should contact the instructor as soon possible to make the necessary arrangements. Students must present appropriate verification from Student Disability Services during the instructor’s office hours. Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from Student Disability Services has been provided. For additional information, please contact Student Disability Services office in 335 West Hall or call (806) 742-2405.

Note that it is your responsibility to provide your instructor with a Letter of Accommodation (LOA) within the first week of class, or within one week of receiving the LOA, so please bring me your LOA as soon as possible. Further, the LOA becomes effective only after it is signed by the instructor, and is *not* retroactive.

## **Suggestions and complaints**

I welcome suggestions and complaints at any time. The sooner an issue is brought to my attention, the sooner it can be remedied. You may provide anonymous feedback at any time via the course Blackboard site.

## **Schedule**

This schedule is subject to change. Please pay attention for announcements in class and via email.

Ⓘ HW due

℞ Reading due

℞<sup>A</sup> Advanced reading

ℙ Project-related deadline

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## Introduction

W	1/15	Introductions What is phonology?		
M	1/20	No Class — Labor Day	·Last day to add a class is 1/21	
W	1/22	What is phonology? Your phonological knowledge Phonetics vs. phonology Vocal tract anatomy	·Odden Ch. 1 (pp. 2–17) · <i>SPE</i> Ch. 1 §1, 2 (pp. 3–4) ·HW 1 out	ℝ ℝ <sup>A</sup>
M	1/27	Tour of the vocal tract Larynx, glottis, glottal states	·HW 1 due	ℍ

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## The Sounds of Language

W	1/29	Describing consonants Place of articulation Manner of articulation	·Odden §2.3 (pp. 35–36, just the section on ‘IPA consonant symbols’) ·Odden §2.2 (pp. 26–34) ·HW 2 out ·Last day to drop without penalty is 1/31	ℝ ℝ
M	2/3	Manner of articulation Vowels American English vowels Transcription	·HW 2 due	ℍ
W	2/5	Transcription	·HW 3 out	

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## Structuralism, Phonemes, and Allophones

M	2/10	Phonological knowledge vs. phonetic reality Phonological contrast Phonemes, allophones, and distribution	·Odden §3.0–3.1 (pp. 44–49) ·HW 3 due	ℝ ℍ
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W	2/12	Phonemes, allophones, and distribution Rules	·Odden §3.2 (pp. 49–65) ·HW 4 out	ℝ
M	2/17	Phonemes, allophones, and distribution Marked vs. unmarked The psychological reality of phonemes	·Odden §9.1 (pp. 259–261) Just the section on ‘Abstractness and phonemic rep- resentations’ ·HW 4 due ·Choose a language, bring in a grammar	ℝ HI P

### Features, Classes, and Rules

W	2/19	Distinctive features, natural classes	·Odden §6.0–6.2.2, §6.2.4 (pp. 130–140, 145–146) ·HW 5 out	ℝ
M	2/24	Distinctive features, natural classes Place features Vowel features Laryngeal features	·Odden §6.2.3, 6.2.5, 6.2.7, 6.3, 6.4 (pp. 140–145, 146–147, 147–157) · <i>SPE</i> Ch. 1 §3 (pp.5–6), Ch. 7 §1.1, 2–3, 4.6, 4.7–5.2, 5.4, 7 (pp. 293–295, 298–303, 315–322, 324– 326, 329) ·HW 5 due	ℝ ℝ <sup>A</sup> HI
W	2/26	Rules and rule formalisms	·Odden §6.5 (pp. 157–160) ·HW 6 out ·Phonological sketch due	ℝ P

### Alternations and the Generative Approach

M	3/3	Phonological alternations Morphology creates phonological environments Generative phonology Underlying forms	·Odden §4.0–4.4 (pp.68–82) ·HW 6 due	ℝ HI
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W	3/5	Phonological alternations Underlying forms	·Odden §4.5–4.6 (pp. 82–98) ·HW 7 out	ℝ
M	3/10	Rule ordering	·Odden Ch. 5 (pp. 100–127) ·HW 7 due	ℝ ℍ
W	3/12	Rule ordering		
M	3/17	No Class — Spring Break		
W	3/19	No Class — Spring Break		
<b>Suprasegmental and Prosodic Structure</b>				
M	3/24	Syllables Syllable structure	·Hayes §13.1–13.3, 13.5–13.6.4 (pp. 250– 254, 256–262)	ℝ
W	3/26	Sonority Sonority Sequencing Principle Hiatus	·Blevins (1996) §0–2 (pp. 206–212) · <u>Last day to drop (with penalty)</u> ·HW 8 out	ℝ <sup>A</sup>
M	3/31	Quantity Moras	·HW 8 due	ℍ
W	4/2	Tone	·Hayes §15.1–15.2.7 (pp. 291–300) ·Problem set proposal due ·HW 9 out	ℝ ℙ
M	4/7	Autosegments Semitic morphology	·Odden §10.2.0–10.2.4 (pp. 321–325) ·Selections from McCarthy (1981) ·HW 9 due	ℝ ℝ <sup>A</sup> ℍ
W	4/9	Stress	·Hayes §14.1–14.3 (pp. 271–277) ·HW 10 out	ℝ



M	4/14	Stress	·Hayes §14.4–14.5 (pp. 277–287) ·McCarthy (1982) ·HW 10 due	$\mathbb{R}$ $\mathbb{R}^A$ HI
W	4/16	Poetry and meter	·HW 11 out	
M	4/21	No Class		
<b>Beyond SPE</b>				
W	4/23	Targets/repairs Conspiracies	·Kisseberth (1970) ·HW 11 due	$\mathbb{R}^A$ HI
M	4/28	Optimality Theory	·Kager §1.1–1.2.1, 1.2.3–1.3.2 (pp. 1–6, 8–18) ·McCarthy (2008) Ch. 1 ·HW 12 out	$\mathbb{R}$ $\mathbb{R}^A$
W	4/30	Optimality Theory	·Kager §1.4–1.5 (pp. 18–32)	$\mathbb{R}$
M	5/5	Optimality Theory	·HW 12 due	HI
R	5/8	Finals Period	·Problem set project due	$\mathbb{P}$