

Republic of Yemen Ministry of
Higher Education & Scientific
Research Council for Accreditation
& Quality Assurance

Sana'a university



الجمهورية اليمنية

وزارة التعليم العالي والبحث
العلمي

مجلس الاعتماد وضمان جودة
التعليم العالي

جامعة صنعاء

Course Specification of Phonetic and Phonological Analysis

I. Course Identification and General Information:						
1	Course Title:	Phonetic and Phonological Analysis				
2	Course Number & Code:	<i>LNG 5111</i>				
3	Credit hours:	C.H				Total
		Theoretical	Practical	Training	Seminar	
		2	1			3
4	Study level/ semester at which this course is offered:	M A First Semester				
5	Pre –requisite (if any):	None				
6	Co –requisite (if any):	Morphosyntactic Analysis				
7	Program (s) in which the course is offered:	M A Program in Linguistics				
8	Language of teaching the course:	English				
9	Location of teaching the course:	Language Laboratory- Faculty of Languages				
10	Prepared by:	Prof. Mohammed Abdu Al-Mekhlafi				
11	Date of approval:					

II. Course description:

This course aims to explore phonetics and phonology. It provides an introduction to phonetic and phonological theory and terminology, and includes development of skills in sound identification and discrimination, the control of speech production abilities. Students are expected to acquire practical skills in phonetic transcription and with phonological analysis.



I. Intended learning outcomes (ILOs) of the course:

1. a1- Define the concepts and terminology used in phonetics and phonology.
2. a2- Demonstrate awareness of the English sound system at the segmental and supra-segmental levels.
3. a3- Understand the scope of both phonetics and phonology as two related fields of linguistics.
4. b1- Assess the merits of the relationship between phonetics and phonology and other facets of linguistics.
5. b2- Compare the sound system of English with that of Arabic.
6. b3- Assess the phonetic and phonological role in the study of language via involving issues related to the sound system of English and Arabic.
7. c1- Employ fundamental techniques for collecting data in phonetics and phonology such as creating and exploiting electronic bodies of data, and conducting phonological transcription and laboratory experiments.
8. c2- Use the sound system of English and Arabic correctly.
9. c3- Present topics in different phonetic and phonological areas.
10. d1- Work in teams and independently and manage specific tasks.
11. d2- Collect, extract and summarize relevant material from a wide range of sources.
12. d3- Use of computer knowledge to analyze various phonetic and phonological elements effectively.

III. Intended learning outcomes (ILOs) of the course:

(A) Knowledge and Understanding:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: **Knowledge and Understanding.**

Program Intended Learning Outcomes (Sub- PILOs) in: Knowledge and Understanding		Course Intended Learning Outcomes (CILOs) in: Knowledge and Understanding	
After completing this program, students will be able to:		After completing this course, students will be able to:	
A1-	Define the terminology and forms of notation used in linguistic theory.	a1-	Define the concepts and terminology used in phonetics and phonology.
A2	Demonstrate awareness of the current issues in linguistics and	a2-	Demonstrate awareness of the English sound system at the



methods and concepts of linguistic analysis.		segmental and supra-segmental levels.
	a3-	Understand the scope of both phonetics and phonology as two related fields of linguistics.

Teaching And Assessment Strategies For Achieving Learning Outcomes:

Alignment of Learning Outcomes of Knowledge and Understanding to Teaching and Assessment Strategies:		
Course Intended Learning Outcomes (CILOs) in Knowledge and Understanding	Teaching strategies to be used	Strategies of assessment
<p>After completing this course, students will be able to:</p> <p>a1- Define the concepts and terminology used in phonetics and phonology.</p> <p>a2- Demonstrate awareness of the English sound system at the segmental and supra-segmental levels.</p> <p>a3- Understand the scope of both phonetics and phonology as two related fields of linguistics.</p>	<ul style="list-style-type: none"> • Lectures • Class Discussion • Phonetic Practice (tutorials) 	<ul style="list-style-type: none"> • Quiz • Assignments • Class participation • Mid Term Test • Final Exam

(B) Intellectual Skills:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: Intellectual skills			
Program Intended Learning Outcomes (Sub-PILOs) in Intellectual skills		Course Intended Learning Outcomes (CILOs) of Intellectual Skills	
After completing this program, students will be able to:		After completing this course, students will be able to:	
B1-	Assess the merits of related theories, including those originating from disciplines other than linguistics.	b1-	Assess the merits of the relationship between phonetics and phonology and other facets of linguistics.
		b2-	Compare the sound system of English with that of Arabic.
		b3-	Assess the phonetic and phonological role in the study of language via involving issues related to the sound system of English and Arabic.

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Teaching and Assessment Strategies for Achieving Learning Outcomes:

Alignment of Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes (CILOs) in Intellectual Skills.		Teaching strategies to be used	Strategies of assessment
After completing this course, students will be able to:			
b1-	Assess the merits of the relationship between phonetics and phonology and other facets of linguistics.	<ul style="list-style-type: none"> • Lectures • Class Discussion • Presentation • Phonetic practice (tutorials) 	<ul style="list-style-type: none"> • Quiz • Assignments • Class participation • Mid Term Test ▪ Final Exam ▪ observation
b2-	Compare the sound system of English with that of Arabic. Transcribe words into IPA correctly.		
b3-	Assess the phonetic and phonological role in the study of language via involving issues related to the sound system of English and Arabic.		

(C) Professional and Practical Skills:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: Professional and Practical Skills

Program Intended Learning Outcomes (Sub-PILOs) in Professional and Practical Skills		Course Intended Learning Outcomes (CILOs) in Professional and Practical Skills	
After completing this program, students will be able to:		After completing this course, students will be able to:	
C1-	Employ fundamental techniques for collecting data in various areas of linguistics, such as creating and exploiting electronic bodies of data, eliciting tasks, and conducting phonological transcription, laboratory experiments, tests, questionnaires and interviews.	c1-	Employ fundamental techniques for collecting data in phonetics and phonology such as creating and exploiting electronic bodies of data, and conducting phonological transcription and laboratory experiments.
C3-	Use the terminology and forms of notation employed in linguistic theories.	c2.	Use the sound system of English and Arabic correctly.



		c3-	Present topics in different phonetic and phonological areas.
Teaching and Assessment Strategies for Achieving Learning Outcomes:			
Alignment of Learning Outcomes of Professional and Practical Skills to Teaching and Assessment Strategies:			
Course Intended Learning Outcomes (CILOs) in Professional and Practical Skills		Teaching strategies to be used	Strategies of assessment
After completing this course, students will be able to:		<ul style="list-style-type: none"> • Class Discussion ▪ Presentations ▪ Self learning ▪ Cooperative learning 	<ul style="list-style-type: none"> • Quiz • Assignments • Class participation • Report ▪ Observation ▪ Presentation
c1-	Employ fundamental techniques for collecting data in phonetics and phonology such as creating and exploiting electronic bodies of data, and conducting phonological transcription and laboratory experiments.		
c2.	Use the sound system of English and Arabic correctly.		
c3.	Present topics in different phonetic and phonological areas.		

(D) General / Transferable Skills:

Alignment of Course Intended Learning Outcomes (CILOs) to Program Intended Learning Outcomes (PILOs) in: **General and Transferable skills**

Program Intended Learning Outcomes (PILOs) in General / Transferable skills		Course Intended Learning Outcomes (CILOs) in General / Transferable skills	
After completing this program, students will be able to:		After completing this course, students will be able to:	
D1-	Work in teams, draw conclusions and reflect differences of opinion, and independently employ self-organization, time-management skills, and identify own needs for development.	d1-	Work in teams and independently and manage specific tasks.
		d2.	Collect, extract and summarize relevant material from a wide range of sources.
		d3-	Use of computer knowledge to analyze various phonetic and phonological elements effectively.

Teaching And Assessment Strategies For Achieving Learning Outcomes:

Alignment of Learning Outcomes of General and Transferable skills to Teaching and Assessment Strategies:

Course Intended Learning Outcomes (CILOs) in General and Transferable Skills		Teaching strategies to be used	Strategies of assessment
After completing this course, students will be able to:		<ul style="list-style-type: none"> ▪ Presentations 	<ul style="list-style-type: none"> • Quiz



d1-	Work in teams and independently and manage specific tasks.	<ul style="list-style-type: none"> ▪ Cooperative learning ▪ Self learning ▪ Problem solving 	<ul style="list-style-type: none"> • Assignments • Class participation • Report ▪ Observation ▪ Presentation
d2	Collect, extract and summarize relevant material from a wide range of sources.		
d3-	Use of computer knowledge to analyze various phonetic and phonological elements effectively.		

IV. Course Content:					
1 – Course Topics/Items:					
No	Topic List / Units	CILOs (symbols)	Sub-topic List	Number of weeks	Contact hours
1	Introduction to the course & Introduction to English Phonetics	a1, a2, b2, c1, d1	Introduction to the course; The concepts of phonetics and phonology are introduced, and an overview of the use and structure of the international phonetic alphabet is given.	1	3
2	Mechanism of Speech Production	a1, a2, a3, b2, c3, d1,	Human speech apparatus, the mechanism of speech production and some articulators are introduced.	1	3
3	Consonants (I): Articulation, Voicing and Plosives	a1, a2, a3, b1, b2, b3, c3, d1	Consonants of English + Practice The phonetic concept of a consonant is presented, and the articulatory processes involved in these sounds are explained. The 6 Plosives are introduced by symbol, sound, and description. + Phonetic practice.	1	2+1
4	Consonants (II): Fricatives, Affricates, Nasals and	a1, a2, b2, c1, c2, d1	The remaining 18 consonants in English are introduced by symbol, sound and description. + Phonetic practice.	1	2+1



	Approximants		•		
5	English short vowels	a1, a2, a3, b1, b2, c2, d1	<ul style="list-style-type: none"> The phonetic concept of a vowel, symbols used to describe vowels, and the articulatory basis for the description of vowels, is also presented. In addition, the six English short vowels are introduced by symbol, sound, and description. + Practice. 	1	2+1
6	English long vowels, diphthongs and triphthongs	a1, a2, b1, b2, c2, d1, d2	The five English long vowels are introduced by symbol, sound, and description. Types of vowels (monophthong, diphthong, and triphthong) are introduced. The 8 English diphthongs and 5 English triphthongs are described by symbol and sound. Concepts of formants and skills in spectrogram reading will be taught. + phonetic practice	1	2+1
7	Transcription of English	a1, a2, b1, b2, c2, d1, d2	• Transcription of English + Practice	1	2+1
8	Mid Term Test	a1, a2, b1, b2	Mid Term Test	1	3
9	Phonemes phones and allophones	a1, a2, b1, b2, c2, d1, d2	The concepts of phonemes, phones, allophones and phonological rules are introduced.	1	3
10	Syllable structure	a2, b1, b2, c1, d1	The concept of the syllable, including onset, nucleus, and coda in syllables is introduced. The structures of the onset and the coda are	2	4+2



			presented.		
11	Word stress	a1, b2, c1, c2, d1, d2	Rules of English word stress and their connection to weak and strong syllables are presented.	1	2+1
12	Natural classes	a2, b1, b2, c1, c2, d1, d2	Natural classes are presented.	1	2+1
13	Assimilation and elision	a1, a2, b2, c1, d1	Advanced phonological rules based on assimilation in connected speech are presented. Other aspects of connected speech such as elision and linking are introduced.	1	2+1
14	Review	a1, a2, b2, c2, d1	Review	1	3
15	Final Exam	a1, a2, b1, b2	Final Exam	1	3
Number of Weeks /and Units Per Semester				16	48

b- Training Aspect:

No	Training Tasks	CILOs (symbols)	Number of weeks	Contact hours
1				
Number of Weeks /and Units Per Semester				

V. Teaching strategies of the course:

- Lectures
- Class Discussion
- Presentations
- Phonetic practice (tutorials)
 - Cooperative learning
 - Self learning
- Problem solving

3-Assessment Strategies:



- Quiz
- Assignments
- Class participation
- Mid Term Test
- Final Exam
- Observation

I. Tasks and Assignments

No.	Tasks and Assignments	Week Due	Mark	Aligned Course Learning Outcomes (CILOs symbols)
1	Attendance and Participation ((Ongoing assessments (based on in-class participation- regularity- punctuality- language use))	1-15	5	a1, b1, c1, c2, d1, d2
2	Home Assignment (Transcription Task) A list of words and simple sentences will be given in class for transcription at home	7	5	a1, b1, c1, c2, d1, d2
3	Review of research journal articles and Presentation: (Choose one article from the list that will be provided in class. Summarize the article and present it in class using PowerPoint slides.	3-14	10	a1, b1, c1, c2, d1, d2
4	Mid Term Test (A 2 hour written examination covering the course material).	8	20	a1, a2, a3, a4, b1, b2
5	Final Exam (A 3 hour written examination covering the course material).	16	60	a1, a2, a3, a4, b1, b2
Total			100	

VI. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes (CILOs symbols)
1	Ongoing assessments(based	Throughout	10	10%	a1, b1, c1, c2,



	on in-class participation- regularity- punctuality- language use)	the semester			d1, d2
2	Home assignments	7	10	10%	a1, b1, c1, c2, d1, d2
3	Mid-Semester Test	8	20	15%	a1, a2, a3, a4, b1, b2
4	Final Exam	16	60	60%	a1, a2, a3, a4, b1, b2
	Total		100	100%	

VII. Learning Resource (MLA style or APA style)S:

1- Required Textbook(s) (maximum two)

Roach, Peter. (2009). *English Phonetics and Phonology: A Practical Course*. 4th Edition. Cambridge.

Roach, Peter. (2009). *English Phonetics and Phonology [A Sound Recording]: A practical Course*. Cassette Recording accompanying the Roach textbook.

IPA chart (2018):

http://linguistics.ucla.edu/people/keating/IPA/IPA_charts_2018.html.

1. Recommended Readings and Reference Materials

- Hayes, Bruce. (2009). *Introductory Phonology*. UK: Wiley-Blackwell
- Katamba Francis. (1989). *An Introduction to Phonology*. UK: Longman
- Odden, David. (2005). *Introducing Phonology*. UK: Cambridge University Press.
- Ladefoged, Peter (1993 [third edition] OR 2001 [fourth edition]). *A Course in Phonetics*. Harcourt Brace.

2. Essential References

- Cruttenden, Alan.(2001). *Gimson's Pronunciation of English* . London: Arnold; New York : Oxford University Press.
- David Crystal, David. (2003). *A Dictionary of Linguistics & Phonetics* . Malden, MA: Blackwell Pub.
- Johnson , Keith. (1997). *Acoustic and auditory phonetics* . Cambridge, Mass.: Blackwell Publishers.
- Kreidler, Charles. (2004). *The pronunciation of English: a course book* . Malden, MA: Blackwell Pub.



- Peter Ladefoged, Peter. (2001). *Vowels and consonants: an introduction to the sounds of languages*. Malden, Mass.: Blackwell.
- Patricia Ashby, Patricia. (2005). *Speech Sounds*. London: Routledge.

3. Electronic Materials and Web Sites etc.

- 1) To access the website for Ladefoged's *A course in phonetics*:
<http://hctv.humnet.ucla.edu/departments/linguistics/VowelsandConsonants/course/contents.html>.
- 2) Other Ladefoged books/materials useful for hearing sounds from the IPA:
<http://hctv.humnet.ucla.edu/departments/linguistics/VowelsandConsonants/index.html>.
- 3) Website of the IPA: <http://www.arts.gla.ac.uk/IPA/ipa.html>.
- 4) Other phonetics websites: <http://www.uiowa.edu/~acadtech/phonetics/>.
<http://www.learnenglish.de/Level1/Pronunciation/phoneticpage.htm>.
- 5) For varieties of English: <http://www.ic.arizona.edu/~lsp/>.
- 6) Website for iteslj with links to many pronunciation sites:
<http://iteslj.org/links/ESL/Pronunciation/>.
- 7) Other pronunciation websites: <http://pronunciation.englishclub.com/>
<http://www.fonetiks.org/>.
<http://www.manythings.org/pp/>.

4. Other Learning Material:

1. Prrat Software
2. Spectrogram Software

IX. Course Policies: (Based on the Uniform Students' Bylaw (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality:

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	No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the allocated mark.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The Higher Studies By-law and University regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

اللجنة الإشرافية:			
ملاحظات	الصفة الوظيفية	الاسم	م
	نائب العميد للدراسات العليا	د/ عباس مطهر	١
	نائب عميد مركز التطوير وضمان الجودة	أ.م.د/ أحمد مجاهد	٢
	نائب رئيس الجامعة للشئون الأكاديمية	أ.د/ إبراهيم المطاع	٣

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Course Plan of Phonetic and Phonological Analysis

II. - Information about Faculty Member Responsible for the Course:

Name of Faculty Member		Office Hours					
Location & Telephone No.		SAT	SUN	MON	TUE	WED	THU

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E-mail							
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III. Course Identification and General Information:						
1-	Course Title:	Phonetic and Phonological Analysis				
2-	Course Number & Code:	<i>LNG 5111</i>				
3-	Credit hours:	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		2		1	3	
4-	Study level/year at which this course is offered:	M A Program – First Semester				
5-	Pre –requisite (if any):	None				
6-	Co –requisite (if any):	Morphosyntactic Analysis				
7-	Program (s) in which the course is offered	M A Program in Linguistics				
8-	Language of teaching the course:	English				
9-	System of Study:	Full Time				
10-	Mode of delivery:	Attendance				
11-	Location of teaching the course:	Laboratory of the Department of English- Faculty of Languages				

IV. Course Description:
This course aims to explore phonetics and phonology. It provides an introduction to phonetic and phonological theory and terminology, and includes development of skills in sound identification and discrimination, the control of speech production abilities. Students are expected to acquire practical skills in phonetic transcription and with phonological analysis.



V. Intended learning outcomes (ILOs) of the course:

1. a1- Define the concepts and terminology used in phonetics and phonology.
2. a2- Demonstrate awareness of the English sound system at the segmental and supra-segmental levels.
3. a3- Understand the scope of both phonetics and phonology as two related fields of linguistics.
4. b1- Assess the merits of the relationship between phonetics and phonology and other facets of linguistics.
5. b2- Compare the sound system of English with that of Arabic.
6. b3- Assess the phonetic and phonological role in the study of language via involving issues related to the sound system of English and Arabic.
7. c1- Employ fundamental techniques for collecting data in phonetics and phonology such as creating and exploiting electronic bodies of data, and conducting phonological transcription and laboratory experiments.
8. c2- Use the sound system of English and Arabic correctly.
9. c3- Present topics in different phonetic and phonological areas.
10. d1- Work in teams and independently and manage specific tasks.
11. d2- Collect, extract and summarize relevant material from a wide range of sources.
12. d3- Use of computer knowledge to analyze various phonetic and phonological elements effectively.

VI. Course Content:

A – Theoretical Aspect:

No	Topics List	Week Due	Contact Hours
1	Introduction to the course; The concepts of phonetics and phonology are introduced, and an overview of the use and structure of the international phonetic alphabet is given.	1	3
2	Human speech apparatus, the mechanism of speech production and some articulators are introduced.	2	2+1
3	Consonants of English + Practice The phonetic concept of a consonant is presented, and the articulatory processes involved in these sounds are explained.	3	2+1



	The 6 Plosives are introduced by symbol, sound, and description. + Phonetic practice.		
4	The remaining 18 consonants in English are introduced by symbol, sound and description. + Phonetic practice.	4	2+1
5	<ul style="list-style-type: none"> The phonetic concept of a vowel, symbols used to describe vowels, and the articulatory basis for the description of vowels, is also presented. In addition, the six English short vowels are introduced by symbol, sound, and description. + Practice. 	5	2+1
6	The five English long vowels are introduced by symbol, sound, and description. Types of vowels (monophthong, diphthong, and triphthong) are introduced. The 8 English diphthongs and 5 English triphthongs are described by symbol and sound. Concepts of formants and skills in spectrogram reading will be taught. + phonetic practice.	6	2+1
7	<ul style="list-style-type: none"> Transcription of English + Practice 	7	2+1
8	Mid Term Test	8	3
9	The concepts of phonemes, phones, allophones and phonological rules are introduced.	9	2+1
10	The concept of the syllable, including onset, nucleus, and coda in syllables is introduced. The structures of the onset is presented.	10	2+1
11	The structures of the coda	11	3
12	Rules of English word stress and their connection to weak and strong syllables are presented.	12	2+1
13	Natural classes are presented.	13	2+1
14	Advanced phonological rules based on assimilation in connected speech are	14	2+1



	presented. Other aspects of connected speech such as elision and linking are introduced.		
15	Review	15	3
16	Final Exam	16	3
Number of Weeks /and Units Per Semester		16	48

Training Aspects:			
No	Training Tasks	Number of weeks	Contact hours
1			
2			
14			

I. Tasks and Assignments			
No.	Tasks and Assignments	Week Due	Mark
1	Attendance and Participation (Ongoing assessments(based on in-class participation- regularity- punctuality- language use))	1-15	5
2	Home Assignment (Transcription Task) A list of words and simple sentences will be given in class for transcription at home	7	5
3	Review of research journal articles and Presentation: (Choose one article from the list that will be provided in class. Summarize the article and present it in class using PowerPoint slides.	3-14	10
4	Mid Term Test (A 2 hour written examination covering the course material).	8	20
5	Final Exam (A 3 hour written examination covering the course material).	16	60
Total			100



VII. Teaching strategies of the course:

- Lectures
- Class Discussion
- Presentations
- Phonetic practice (tutorials)
 - Cooperative learning
 - Self learning

VIII. Assessment Strategies:

- Assignments
- Class participation
- Mid Term Test
 - Final Exam
 - Observation

No.	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment
1	Attendance and participation	Throughout the semester	10	10%
2	Home assignments	7	10	10%
3	Mid-Semester Test	8	15	15%
4	Final Exam	16	60	60%
5	Total		100	100%

VIII. Learning Resource (MLA style or APA style)s:

2- Required Textbook(s) (maximum two)

Roach, Peter. (2009). *English Phonetics and Phonology: A Practical Course*. 4th Edition. Cambridge.

Roach, Peter. (2009). *English Phonetics and Phonology [A Sound Recording]: A practical Course*. Cassette Recording accompanying the Roach textbook.

IPA chart (2018):

http://linguistics.ucla.edu/people/keating/IPA/IPA_charts_2018.html.

▪ Recommended Readings and Reference Materials

- Hayes, Bruce. (2009). *Introductory Phonology*. UK: Wiley-Blackwell
- Katamba Francis. (1989). *An Introduction to Phonology*. UK: Longman
- Odden, David. (2005). *Introducing Phonology*. UK: Cambridge University



Press.

- Ladefoged, Peter (1993 [third edition] OR 2001 [fourth edition]). *A Course in Phonetics*. Harcourt Brace.

▪ **Essential References**

- Cruttenden, Alan.(2001). *Gimson's Pronunciation of English* . London: Arnold; New York : Oxford University Press.
- David Crystal, David. (2003). *A Dictionary of Linguistics & Phonetics* . Malden, MA: Blackwell Pub.
- Johnson , Keith. (1997). *Acoustic and auditory phonetics* . Cambridge, Mass.: Blackwell Publishers.
- Kreidler, Charles. (2004). *The pronunciation of English: a course book* . Malden, MA: Blackwell Pub.
- Peter Ladefoged, Peter. (2001). *Vowels and consonants: an introduction to the sounds of languages* . Malden, Mass.: Blackwell.

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▪ **Electronic Materials and Web Sites etc.**

2) To access the website for Ladefoged's *A course in phonetics*:
<http://hctv.humnet.ucla.edu/departments/linguistics/VowelsandConsonants/course/contents.html>.

2) Other Ladefoged books/materials useful for hearing sounds from the IPA:
<http://hctv.humnet.ucla.edu/departments/linguistics/VowelsandConsonants/index.html>.

3) Website of the IPA: <http://www.arts.gla.ac.uk/IPA/ipa.html>.

4) Other phonetics websites: <http://www.uiowa.edu/~acadtech/phonetics/>.
<http://www.learnenglish.de/Level1/Pronunciation/phoneticpage.htm>.

5) For varieties of English: <http://www.ic.arizona.edu/~lsp/>.

6) Website for iteslj with links to many pronunciation sites:
<http://iteslj.org/links/ESL/Pronunciation/>.

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7) Other pronunciation websites: <http://pronunciation.englishclub.com/>
<http://www.fonetiks.org/>.
<http://www.manythings.org/pp/>.

▪ **Other Learning Material:**

3. Prrat Software
4. Spectrogram Software

IX. Course Policies: (Based on the Uniform Students' Bylaw (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the allocated mark.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The Higher Studies By-law and University regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.