LING217

Phonetics and Phonology

S1 Day 2013

Linguistics

Contents

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General Information

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Credit points
3

Prerequisites
LING110(P) or (admission to GCertSphComm or GDipSphComm)

Corequisites

Co-badged status

Unit description
This unit forms the essential background to all aspects of speech and hearing science, and to all of the speech and hearing-based research projects in the Centre for Language Sciences (CLaS). This unit focuses on key areas in phonetics and phonology, and aims to provide training in phonetic and phonological principles, enabling students to carry out phonemic and phonetic transcriptions of spoken English. It also provides students with basic ear training of the sounds of the world's languages. The unit is divided into two parallel streams. One stream is skill-based with the aim of developing competence in transcription. The second stream is theory-based encompassing fundamental concepts relating to the articulation of vowels and consonants as well as complex articulations, airstream mechanisms and laryngeal features, and their use in languages. In addition, the sounds of Australian English are contrasted with other dialects of English. Students are also introduced to the important concepts of phonology through an examination of phonemes and allophones, syllables, word stress and some important aspects of prosody. The tutorials amplify some of the main points dealt with in the lectures and are specifically concerned with developing phonetic ear-training skills and competence in phonetic and phonemic analyses.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are

available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

be familiar with the International Phonetic Alphabet

be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks

have an understanding of speech articulation

be familiar with the major characteristics of vowels and consonants and with a number of ways of classifying these speech sounds

understand the distinction between phonemes and allophones and the principles of phonemic analysis

be familiar with some of the ways that languages and dialects differ in both their phoneme inventories and the pronunciation of their phonemes

be familiar with the concept of coarticulation

understand what Distinctive Features are and be able to use them in the analysis of phonemes and their pronunciation

understand the structure of syllables and how phonotactic constraints result in different sets of legal syllables for different languages

have a basic understanding of the phonology of intonation

Assessment Tasks

Name	Weighting	Due
IPA Test	15%	Week 8
Phonetic Transcription	20%	Week 11-13
Exam	40%	Exam Period
Phonemic Transcription	25%	Weeks 4-6

IPA Test

Due: **Week 8**
Weighting: **15%**

Online test assessing recognition and representation of sounds of the world's languages

On successful completion you will be able to:
- be familiar with the International Phonetic Alphabet
- be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks
- have an understanding of speech articulation
- be familiar with the major characteristics of vowels and consonants and with a number of ways of classifying these speech sounds

Phonetic Transcription

Due: **Week 11-13**
Weighting: **20%**

Phonetic/allophonic transcription task involving analysis of single words, short phrases and a passage using the principles of the IPA applied to the examination of Australian English.

On successful completion you will be able to:
- be familiar with the International Phonetic Alphabet
- be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks
- understand the distinction between phonemes and allophones and the principles of phonemic analysis
- be familiar with the concept of coarticulation
- understand the structure of syllables and how phonotactic constraints result in different sets of legal syllables for different languages

Exam

Due: **Exam Period**
Weighting: **40%**

2 hour exam covering all major topics with the exception of transcription. The exam is in short answer format.

On successful completion you will be able to:
- be familiar with the International Phonetic Alphabet
- have an understanding of speech articulation
- be familiar with the major characteristics of vowels and consonants and with a number of ways of classifying these speech sounds

- be familiar with some of the ways that languages and dialects differ in both their phoneme inventories and the pronunciation of their phonemes
- be familiar with the concept of coarticulation
- understand what Distinctive Features are and be able to use them in the analysis of phonemes and their pronunciation
- understand the structure of syllables and how phonotactic constraints result in different sets of legal syllables for different languages
- have a basic understanding of the phonology of intonation

Phonemic Transcription

Due: **Weeks 4-6**
Weighting: **25%**

Phonemic transcription tasks involving analysis of single words, short phrases and passages using both the Harrington Cox and Evans revised transcription system and the Mitchell and Delbridge transcription system.

On successful completion you will be able to:
- be familiar with the International Phonetic Alphabet
- be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks
- understand the distinction between phonemes and allophones and the principles of phonemic analysis
- understand the structure of syllables and how phonotactic constraints result in different sets of legal syllables for different languages

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central. Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://www.mq.edu.au/policy/docs/academic_honesty/policy.html

Assessment Policy http://www.mq.edu.au/policy/docs/assessment/policy.html

Grading Policy http://www.mq.edu.au/policy/docs/grading/policy.html

Grade Appeal Policy http://www.mq.edu.au/policy/docs/gradeappeal/policy.html

Grievance Management Policy http://mq.edu.au/policy/docs/grievance_management/policy.html

Special Consideration Policy http://www.mq.edu.au/policy/docs/special_consideration/policy.html

In addition, a number of other policies can be found in the Learning and Teaching Category of

Policy Central.

Student Support

Macquarie University provides a range of Academic Student Support Services. Details of these services can be accessed at: http://students.mq.edu.au/support/

UniWISE provides:

- Online learning resources and academic skills workshops http://www.students.mq.edu.au/support/learning_skills/
- Personal assistance with your learning & study related questions.
- The Learning Help Desk is located in the Library foyer (level 2).
- Online and on-campus orientation events run by Mentors@Macquarie.

Student Services and Support

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

Details of these services can be accessed at http://www.student.mq.edu.au/ses/.

IT Help

If you wish to receive IT help, we would be glad to assist you at http://informatics.mq.edu.au/help/.

When using the university's IT, you must adhere to the Acceptable Use Policy. The policy applies to all who connect to the MQ network including students and it outlines what can be done.

Graduate Capabilities

Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

Learning outcomes

- be familiar with the International Phonetic Alphabet
- be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks

Assessment tasks

- Phonetic Transcription
- Exam
- Phonemic Transcription

Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

This graduate capability is supported by:

Learning outcomes

- be familiar with the International Phonetic Alphabet
- be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks
- have an understanding of speech articulation
- be familiar with the major characteristics of vowels and consonants and with a number of ways of classifying these speech sounds
- understand the distinction between phonemes and allophones and the principles of phonemic analysis
- be familiar with some of the ways that languages and dialects differ in both their phoneme inventories and the pronunciation of their phonemes
- be familiar with the concept of coarticulation
- understand what Distinctive Features are and be able to use them in the analysis of phonemes and their pronunciation
- understand the structure of syllables and how phonotactic constraints result in different sets of legal syllables for different languages
- have a basic understanding of the phonology of intonation

Assessment tasks

- IPA Test
- Phonetic Transcription
- Exam

- Phonemic Transcription

Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

Learning outcomes

- be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks
- understand the distinction between phonemes and allophones and the principles of phonemic analysis
- be familiar with the concept of coarticulation
- understand what Distinctive Features are and be able to use them in the analysis of phonemes and their pronunciation
- understand the structure of syllables and how phonotactic constraints result in different sets of legal syllables for different languages
- have a basic understanding of the phonology of intonation

Assessment tasks

- IPA Test
- Phonetic Transcription
- Exam
- Phonemic Transcription

Problem Solving and Research Capability

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:

Learning outcomes

- be familiar with the principles of transcription and be able to perform simple phonemic and phonetic transcription tasks

- understand the distinction between phonemes and allophones and the principles of phonemic analysis
- be familiar with the concept of coarticulation

Assessment tasks

- Phonetic Transcription
- Exam
- Phonemic Transcription

Creative and Innovative

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

Assessment task

- Phonemic Transcription

Effective Communication

We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

Assessment task

- Exam