COURSE OUTLINE

(1) GENERAL

SCHOOL	HUMANITIES & SOCIAL SCIENCES		
ACADEMIC UNIT	PHILOLOGY		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	PHL Γ604	SEMESTER	8th (spring semester)
COURSE TITLE	EXPERIMENTAL PHONETICS		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	WEEKLY TEACHING HOURS	CREDITS
Lectures	1 (13 weeks)	0,6
Lab practice	2 (13 weeks)	1
Autonomous mini-project	3 (13 weeks)	1,6
Preparation for the written exams	3,6 (13 weeks)	1,8
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).	TOTAL: 9,6 (13 weeks)	5,0

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Field of Science
PREREQUISITE COURSES:	
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes
COURSE WEBSITE (URL)	http://philology.upatras.gr/courses/ergastiriaki-fonitiki/ https://eclass.upatras.gr/modules/auth/opencourses.php?fc=72

(2) LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

Upon successful completion of this course the students will acquire new knowledge and specific skills on the following subjects:

- the mapping between the language specific cognitive representation of speech sounds and the physical properties of sounds, as they appear on sound waves, spectrograms and spectra.
- identification, description and analysis of speech sounds.
- differences between speech production and speech perception.
- a range of techniques for analyzing and processing speech sounds.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, Project planning and management

with the use of the necessary technology *Adapting to new situations* *Decision-making* *Working independently* *Team work* *Working in an international environment* *Working in an interdisciplinary environment* *Production of new research ideas*	*Respect for difference and multiculturalism* *Respect for the natural environment* *Showing social, professional and ethical responsibility and sensitivity to gender issues* *Criticism and self-criticism* *Production of free, creative and inductive thinking* *……* *Others…* *…….*

1. Identifying, describing and analysing speech sounds.
2. Understanding the basic techniques of data analysis relevant to instrumental phonetic analysis.
3. Handling specialised software for speech analysis.
4. Ability to work independently.
5. Ability to work with others.

(3) SYLLABUS

1. Physical properties of speech sounds
2. Sound-waves: types of sound-waves, Categorization of speech sounds according to sound-waves typology.
3. Spectrograms: Types of spectrograms. Categorization of speech sounds according to sound-waves typology. Spectra.
4. Description of the vowel spectral space
5. Monophthongs / Diphthongs and their acoustic properties
6. V.O.T. and the acoustic properties/divisions of obstruents
7. Acoustic properties of fricatives
8. Acoustic properties of liquids and nasals
9. Acoustic properties of the palatal sounds of Greek

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Direct (face to face).
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	Specialized software for speech analysis (Praat)
TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS*	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work,*	Final written examination (100%), on the issues and subjects presented in theoretical courses and laboratory practical courses. OR Autonomous assignment (100%).

Activity	*Semester workload*
Lectures	13 h = 0.6 ECTS (13 weeks x 1 h)
Lab practice	26 h = 1 ECTS (13 weeks x 2 h)
Autonomous assignment	39 h = 1.6 ECTS (13 weeks x 3 h)
Preparation for the written exams	46,8 h = 1.8 ECTS (13 weeks x 3,6 h)
Lectures	13 h = 0.6 ECTS (13 weeks x 1 h)
Course total	***125 h*** ***(5 ECTS)***

essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	

(5) ATTACHED BIBLIOGRAPHY

- Ladefoged, P. (2010) *Εισαγωγή στη Φωνητική*. Αθήνα: Πατάκης
- Μποτίνης, Α. (2011) *Φωνητική της Ελληνικής*. Αθήνα: ISEL Editions
- Παπαζαχαρίου, Δημήτρης (2004). Σημειώσεις μαθήματος Εργαστηριακής Φωνητικής