DIPARTIMENTO
DI MATEMATICA,
INFORMATICA ED ECONOMIA

COURSE: Economics of Public Utilities			
ACADEMIC YEAR: 2016/2017			
TYPE OF EDUCATIONAL ACTIVITY: Characterizing			
TEACHER: Eleonora Pierucci			
e-mail: eleonora.pierucci@unibas.it		website: https://sites.google.com/site/eleonorapierucci/	
phone: +39 0971 206118		mobile (optional):	
Language: English			
ECTS: (lessons e tutorials/practice) 8	n. of hours: (lessons e tutorials/practice) 56	Campus: Potenza/Matera Dept./School: Potenza, Dipartimento di Matematica, Informatica ed Economia Program: Natural and Cultural Resorces Economics	Semester: I

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

Knowledge and understanding

The purpose of this course is to provide students with a deeper understanding of the functioning of regulated markets with a particular focus on policy implications. The utility sectors will be analysed with a special attention to efficiency measurements.

Applying knowledge and understanding

Acquired knowledge and skills will enable students to analyse markets of utilities in a real context and at comparative level.

Making judgements

The understanding of the functioning of public utilities markets will enable students to critically analyse the economic reality and the policy makers intervention in terms of markets regulation (deregulation).

Communication skills

The structure of course and final exam is designed to enable students to acquire and apply all the languages of the discipline (descriptive, graphical and analytical) in order learn how discuss appropriately the topics covered during the course with specialist and non specialist speakers.

Learning skills

Students will deal with theoretical and case study of the subject in order to acquire methods of analysis that allow autonomous investigation.

PRE-REQUIREMENTS
Microeconomics, mathematics, Industrial Economics

SYLLABUS
Efficient Pricing by a Single-Product Natural Monopolist
Multiproduct Natural Monopoly
Peak-Load Pricing
Multipart Tariffs
Regulation under Asymmetric Information

Regulatory Reform in Network Industries
Regulation Methods
Performance Measurement
TFP Measurement and Decomposition Methods
TFP Calculation and Decomposition
Comparison of Methods
A Price Cap Regulation Example
Dealing with Data Concerns in Practice
The six utilities: airlines, trucking, telecoms, electricity, natural gas, railroads.

TEACHING METHODS
Theoretical lessons
Project works
Seminars

EVALUATION METHODS
Intermediate verifications (optional, open questions)
Written examination (open questions in order to evaluate critical elaboration skills)
Discussion of a case study on a voluntary base (group of 2/3 students)

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL
Jeffrey R. Church and Roger Ware. Industrial Organization: A Strategic Approach. New York: McGraw-Hill, 2000.
Coelli T., Estache A., Perelman S., Trujillo L. (2003) A Primer on Efficiency Measurement for Utilities and Transport Regulators. Washington D.C.: World Bank Institute Development Studies.

INTERACTION WITH STUDENTS
Office hours: Tuesday 12.00-13.00 or by appointment via e-mail

EXAMINATION SESSIONS (FORECAST)[1]
01/02/2017, 13/02/2017, 15/05/2017, 3/07/2017, 4/09/2017, 13/11/2017

SEMINARS BY EXTERNAL EXPERTS YES **X** NO □

FURTHER INFORMATION

[1] Subject to possible changes: check the web site of the Teacher or the Department/School for updates.