

ECTS - Instituto Superior de Contabilidade e Administração do Porto

Degree: International Trade (evening Courses)

Course: Statistic II

Academic Year: 2015/2016

Academic year: 3

Term: Winter Semester

Attendance: Mandatory

Course Responsible Teacher: Doutora Ana Rodrigues

Number of Credits (ECTS): 5.0

Theoretical/Practical Work (hours): 3.0 h

Objectives:

General Objectives:

To acquire and to process statistical information;

To promote critical reflection;

To create a solid foundation to enable future expansion of the acquired knowledge.

Specific Objectives:

To apply methods of statistical inference;

To solve problems in a real context, applied to Management Sciences;

To interpret and to report statistical information in an adequate way.

Syllabus:

Statistical Inference - Parameter Estimation

Point Estimation

Estimators and its properties

Interval Estimation

Sampling Distributions

Confidence Intervals

Hypothesis Tests

Objectives:

Theoretical / practical lessons:

presentation and illustration of the theoretical concepts;

resolution of practical exercises.

To guide and to follow the students in their study.

Assessment Methods:

Continuous evaluation (C/E)

or

Final evaluation (F/E)

References:

Murteira, B., Silva Ribeiro, C., Andrade and Silva, J., Pimenta, C., #Introdução à Estatística#, Escolar Editora

Murteira, Bento J.F., #Probabilidades e Estatística#, Vol. I and II, McGraw-Hill, Lisboa, 1990

Paulino, C. D., Branco, J.A., #Exercícios de Probabilidade e Estatística#, Escolar Editora, Lisboa, 2004

Pestana, D.D., Velosa, S.F., #Introdução à Probabilidade e Estatística # volume I#, Fundação Calouste Gulbenkian, 2002

Robalo, A., #Estatística # Exercícios#, Vol. I and II, Edições Sílabo, Lisboa, 1991

Webster, A.L., #Estatística Aplicada à Administração e Economia#, McGraw-Hill, 2006

Doutora Ana Rodrigues

S. Mamede Infesta, 19 de Setembro de 2015