

Caraterização da Unidade Curricular / Characterisation of the Curricular Unit

Designação da Unidade Curricular / Curricular Unit:	[3181200614] Técnicas de Avaliação em Desporto		
	[3181200614] Evaluation Techniques in Sports		
Plano / Plan:	2007/2008		
Curso / Course:	Desporto e Atividade Física Sport and Physical Activity		
Grau / Diploma:	Licenciado		
Departamento / Department:	CDM - Ciências do Desporto e Motricidade		
Unidade Orgânica / Organic Unit:	Escola Superior de Educação de Viseu		
Área Científica / Scientific Area:	Ciências do Desporto		
Ano Curricular / Curricular Year:	1		
Período / Term:	S2		
ECTS:	4		
Horas de Trabalho / Work Hours:	0108:00		
Horas de Contacto/Contact Hours:			
(T) Teóricas/Theoretical:	0000:00	(TC) Trabalho de Campo/Fieldwork:	0000:00
(TP) Teórico-Práticas/Theoretical-Practical:	0060:00	(OT) Orientação Tutorial/Tutorial Orientation:	0000:00
(P) Práticas/Practical:	0000:00	(E) Estágio/Internship:	0000:00
(PL) Práticas Laboratoriais/Practical Labs:	0000:00	(O) Outras/Others:	0000:00
(S) Seminário/Seminar:	0000:00		

Docente Responsável / Responsible Teaching

[2038] Francisco Emiliano Dias Mendes

Outros Docentes / Other Teaching

[2038] Francisco Emiliano Dias Mendes

[47622] António Manuel Tavares Azevedo

Learning Outcomes of the Curricular Unit

Differentiate some fundamental concepts of evaluation, as well as the evaluation of other close concepts, such as classification, measurement, test, etc.

Characterize a normative evaluation versus criterial evaluation, as well as its fundamentals, conditions of application, limits, advantages and disadvantages

Explain the most frequent theoretical assumptions and evaluation techniques in the field of Physical Activity and Sports;

Select and apply, in simulated situations and in real context, the most appropriate evaluation techniques.

Select and design assessment instruments appropriate to the objective of the study and according to the characteristics of the data and the situation.

Analyze data, using basic statistical techniques, both quantitative and qualitative, using SPSS.

Learning Outcomes of the Curricular Unit (Lim:1000)

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Syllabus (Lim:1000)

Basic evaluation concepts. Normative and criterial evaluation. Techniques of data analysis in Sport. Basics. Descriptive statistics. Central trend and dispersion measures. Inferential statistics. The assumptions of application of the different Parametric and Nonparametric techniques Comparison of two samples through parametric and nonparametric tests Comparison of nominal data distributions. Chi-Square test. Comparison of the overall value of more than two samples. Correlation between two variables. Pearson and Spearman coefficient. Brief reference to linear regression.

Demonstration of the syllabus coherence with the curricular units' learning objectives

Objectives 1 and 2 of the curricular unit are achieved by the programmatic contents indicated in items 1 and 2. These are introductory and generic concepts that allow us to frame and understand the ultimate meaning of the following technical dimension. The objectives indicated with numbers 3 to 6 are achieved by the programmatic contents indicated in ites 3 to 5, focusing both on the assumptions, on the conditions of application of the techniques, as well as on the realization of the techniques themselves, with the support of the SPSS software. No less important element in the field of this.c. is the interpretation and discussion of the results obtained, both in the scope of the worksheets and in the research work developed by the students

Teaching Methodologies (Including evaluation; Lim:1000)

Students are faced with 2 types of requirements. On the one hand, there is a call for declarative knowledge and, in this sense, it is aimed the appropriation of concepts in the field of evaluation, as well as the assumptions and conditions of application of statistical techniques. Another one set of sessions, emphasizing procedural knowledge, leads us back to the realization of work forms, as well as a research work. In the context of autonomous work, the document "proposal for article elaboration". Normal evaluation (completion of a final frequency (50%) and a scientific article (50%). Students in special evaluation should contact the teacher in the first 15 days of classes for consideration of each specific situation. It is also possible, under the Evaluation and Frequency Regulation, to access the normal examination and the appeal examination.

Demonstration of the coherence between the teaching methodologies and the learning outcomes

The learning objectives are of two types: declarative and procedural. In this sense, the methodology adopted aims, in some classes, the problematization of fundamental concepts in the field of evaluation and the approach of the assumptions, function and conditions of application of different statistical techniques. Other classes seek to materialize these concepts through their application in concrete situations, either by carrying out individual and group worksheets (Elements of Study I, available in Moodle), or by carrying out research work (with data collected by students that enhance the motivation for the study), or through the requested in the context of autonomous work (cf. Elements of Study II, available in Moodle).

Bibliografia / Bibliography (Lim:1000)

Berg, K. E., & Latin, R. W. (2008). Essentials of research methods in health, physical education, exercise science, and recreation (3th ed.). Wolters Kluwer Health/Lippincott Williams & Wilkins.

D'Hainaut,L.(1990). Conceitos e métodos da estatística-uma variável a uma dimensão. FKG

Lacy, A. C. (2011). Measurement and evaluation in physical education and exercise science/ Alan c. Lacy (6th ed.). Pearson Benjamin Cummings.

Martins, C. (2011). Manual de análise de dados quantitativos com recurso ao IBM SPSS: Psiquibrios Editora.

Morrow, J. R. (2011). Measurement and evaluation in human performance (4th ed.). Human Kinetics.

Pestana, M. Gageiro, J. (2014).: Análise de dados para ciências sociais ; A complementariedade do SPSS. Edições Silabo, Lda.

Safrit, M. J., & Wood, T. M. (1989). Measurement concepts in physical education and exercise science. Human Kinetics Books.

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