

Course Unit: 400366 – Seminar III

Year 4 **Semester 1** **ISCED Code: 915** **ECTS: 3**

Type of Course Unit: Compulsory **Delivery Mode:** Face-to-face **Language of Instruction:** Portuguese

COURSE COORDINATOR: Ana Paula Lopes Tavares Martins

HOURS OF WORK

TOTAL HOURS	Contact Hours								Hours in autonomous work
	Theory	Theory and practice	Practical and laboratory work	Field work	Seminar	Internship	Tutorial guidance	Other	
75	-	-	-	-	40	-	-	-	35

Prerequisites (if applicable):

LEARNING OUTCOMES (knowledge, skills and competence)

In this Course the student must demonstrate that he / she is able to:

- Develop the Occupational Therapy process based on the Professional Models of Practice
- Applying the Canadian Model of Performance and Occupational Involvement to a Practical Case Study
- Application of the Human Occupation Model to a practical case study
- Identify, taking into account the nature of the data and the study design, the use of appropriate parameters and / or methodologies for data processing
- Mastering the three basic forms of analysis of qualitative content (summarization, explanation and summarization);
- Master data analysis and statistical interpretation using SPSS, namely: Descriptive analysis (Mean, Standard deviation, Variance, Symmetry vs data asymmetry); Univariate and multivariate statistical analysis
- Identify the study design (important assumptions to be observed): number of subjects vs number of variables vs number of moments of evaluation

CONTENTS

Module I:

- Applying the Canadian Model of Performance and Occupational Involvement to a Practical Case Study
- Application of the Human Occupation Model to a practical case study

Module II:

- Construction of databases using SPSS Software
- Analysis of Qualitative Data (The context of the elements of the text, latent sense structures, marked individual cases, what is not in the text);
- Quantitative Data Analysis (Univariate and Bivariate Analysis, Statistical Inference, Statistical Power and Size of Effect);
- Psychometric Properties of Questionnaires (Exploratory and Confirmatory Factor Analysis, Internal Consistency Analysis).

DEMONSTRATION OF THE CONTENTS COHERENCE WITH THE COURSE UNIT'S LEARNING OUTCOMES

In Course Seminar III, the aim is to deepen and consolidate students' knowledge in specific areas of action of occupational therapy and provide a depth of knowledge in specific areas of interest for occupational therapy that have not been covered in

previous courses. This course is divided into two themes:

1- The Occupational Therapist approach based on the Professional Models of Practice.

2 - Data Analysis Methodology

TEACHING METHODOLOGIES

Seminar lectures based on the techniques underlying the lecture method, the demonstrative method and active method.

Use of slides.

Lectures / theoretical and practical

Problem-solving methodology.

DEMONSTRATION OF THE COHERENCE BETWEEN THE TEACHING METHODOLOGIES AND THE LEARNING OUTCOMES

- Demonstrate knowledge of the specificities of the different Occupational Therapist Models of Practice, understanding the implications and benefits of these for the context of intervention in the Occupational Therapy process
- To know techniques of evaluation and therapeutic intervention specific to the Occupational Therapist, to contextualize them and fit them into the Professional Models
- Provide a clear understanding of the concepts required for data description, content analysis and statistical inference.
- Provide knowledge of different facets and approaches to data analysis, incorporating diverse techniques to interpret correctly and with caution the results obtained.
- Integrate the clinical reasoning, according to the area of intervention in Occupational Therapy, in terms of clinical practice.
- Identify evaluation methodologies and specific planning and intervention methodologies in Occupational Therapy
- Recognize the importance of the Evaluation, Planning of Intervention, Intervention and Reassessment phase as being fundamental to the whole approach in Occupational Therapy;
- Recognize the importance of data analysis for evidence-based practice and its importance in Occupational Therapy intervention processes.

EVALUATION METHODS

Continuous Assessment (CA) - 1 group work; Oral presentation of the group work (contents focus on the Module II and in both evaluation methods the minimum rating is 10 points). Approval: minimum grade of 10 points, in the weighted average of the evaluation methods. Only the final CU classification is obtained by rounding.

Final Assessment in Normal Season (NS) - Applies to students who do not opt for CA. 1 individual written test, with contents focus on the Module II; the minimum rating is 10 points. Only the final CU classification is obtained by rounding.

Final Assessment at Resource Season (RS) - Applies to students who have not passed CA and Final Assessment in NS. 1 individual written test, with contents focus on the Module II; the minimum rating is 10 points. Improvements are contemplated in Final Assessment at RS.

MAIN BIBLIOGRAPHY

Kielhofner, G. (2008). Model of human occupation theory and application (4rd Ed.). Lippincott Williams & Wilkins.

Laureano, R., & Botelho, M. C. (2017). SPSS - O Meu Manual de Consulta Rápida, 3ª Ed. Edições Sílabo.

Laureano, R. (2013). Testes de hipóteses com o SPSS : o meu manual de consulta rápida (2ª Ed.). Edições Sílabo.

Machado, I., Costa, J. F., & Santos R. A. (2013). O essencial do questionário : preparação, recolha e tratamento de dados em SPSS (1ª Ed). Porto

Marôco, J. (2018). Análise estatística com o SPSS statistics (7ªEd). Pêro Pinheiro

Pestana, M. H., & Gageiro, J. N. (2014). Análise de Dados para Ciências Sociais: a complementaridade do SPSS (6ª Ed.). Edições Sílabo.

Taylor, R.R. (2017). Kielhofner's model of human occupation: Theory and application (Fifth edition). Philadelphia: Wolters Kluwer Health.

Townsend, E., & Polatajko, H. (2007). Enabling occupation II: Advancing in occupational therapy vision for health, well-being, justice through occupation. CAOT. Ottawa.

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