

## MODELAÇÃO E PROTÓTIPOS III

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Code: 333082

Main Scientific Area: Textile and footwear design

Lecturer: André Filipe Ferreira Amorim

Language of Instruction: Portuguese

Regime: S1

Contact Hours: 45h Total Workload: 115h

ECTS: 4,0

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### **Objectives**

- 1 - Identify and understand the different types of shoe pattern making.
- 2 - Differentiate methods of shoe pattern making and shoe production.
- 3 – Create prototypes of shoes idealized by the self.
- 4 - Be able to follow the production of a shoe from its initial idea to the final product, comprising the different steps of manufacturing in a professional context.

### **Learning Outcomes**

- 1 - Identify and understand the distinct elements of a shoe.
- 2 - Recognize the different modeling and manufacturing methods of modern industry.
- 3 - Develop autonomy in solving technical problems in the construction of prototypes.
- 4 - Know how to pattern making and indicate sewing methods, assemble and finishings of a shoe.
- 5 - Strengthen technical abilities in a work context.
- 6 - Expand creativity and innovative thinking in the development of shoe modeling.

### **Course Contents**

1. Pre pattern-making of self-made Project Vol. I and II – From 28 of September till 12 of October
2. Pattern making of self-made Project I - Sneaker – From 15 of October till 2 of November
3. Pattern making of self-made Project II - Sneaker – From 9 to 23 of November
4. Chelsea Boot pattern making – From 14 of December to 18 of January

### **Recommended Bibliography**

"Tecnologia de Modelos e Materiais"- Centro de Formação Profissional da Indústria do Calçado

### **Learning and Teaching Methods**

The purpose of shoe prototype pattern making discipline is to go through the different stages of construction of a prototype. In this way, it is intended that classes will increasingly demonstrate the whole process of pattern-making a shoe, hoping that the students will gain the necessary technical knowledge through the elaboration of practical exercises.

### **Assessment Methods**

The evaluation of the Shoe prototype pattern-making discipline is intended to be mostly formative and qualitative. Depending on the contents and their achievement throughout practical work, students will be evaluated progressively and qualitatively.

Normal Students

Working students

Attendance – 10%

Commitment – 10%

Commitment – 15%

1-Pre Pattern making Project I and II – 10%

1-Pre Pattern making Project I and II–10%

2-Self-made pattern making Project I–30%

2-Self-made pattern making Project I–30%

3-Self-made pattern making Project II -30%

3-Self-made pattern making Project II -30%

4-Chelsea Boot pattern making -10%

4-Chelsea Boot pattern making -10%

The final grade will be given in a scale from 0 to 20.