

### Caraterização da Unidade Curricular / Characterisation of the Curricular Unit

<b>Designação da Unidade Curricular / Curricular Unit:</b>	[3181200877] Op. Gestão de Recursos Tecnológicos, Materiais e Artísticos [3181200877] Op. Technological, Material and Artistic Resources Management		
<b>Plano / Plan:</b>	2017/2018		
<b>Curso / Course:</b>	Ensino de Educação Visual e Tecnológica no Ensino Básico		
<b>Grau / Diploma:</b>	Mestre		
<b>Departamento / Department:</b>	CA - Comunicação e Arte		
<b>Unidade Orgânica / Organic Unit:</b>	Escola Superior de Educação de Viseu		
<b>Área Científica / Scientific Area:</b>	Didáticas Específicas - Educação Visual		
<b>Ano Curricular / Curricular Year:</b>	2		
<b>Período / Term:</b>	S1		
<b>ECTS:</b>	3		
<b>Horas de Trabalho / Work Hours:</b>	0081:00		
<b>Horas de Contacto/Contact Hours:</b>			
(T) Teóricas/Theoretical:	0000:00	(TC) Trabalho de Campo/Fieldwork:	0000:00
(TP) Teórico-Práticas/Theoretical-Practical:	0037:50	(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

[2057] José Manuel De Almeida Pereira

### Outros Docentes / Other Teaching

[504341] Gabriela Sotto Mayor Moura Santos

### **Learning Outcomes of the Curricular Unit**

- Understands contemporary changes in terms of the role of technology.
- It mobilizes the structuring components of technical training in conjunction with technological training.
- Appropriately applies know-how skills at the level of instrumental, operative, manual and workshop execution based on the work context.
- Articulates the different phases of technical development and discriminates the technological modes of production.
- Characterizes the main differences between the models of work organization based on mechanistic (Taylorist) and flexible based models.
- Manage the space and activities with reference to the operative characteristics of tools and equipment distributed in the work context. Identify and handle the different equipment and tools.

### **Learning Outcomes of the Curricular Unit (Lim:1000)**

- Understands contemporary changes in terms of the role of technology.
- It mobilizes the structuring components of technical training in conjunction with technological training.
- Appropriately applies know-how skills at the level of instrumental, operative, manual and workshop execution based on the work context.
- Articulates the different phases of technical development and discriminates the technological modes of production.
- Characterizes the main differences between the models of work organization based on mechanistic (Taylorist) and flexible based models.
- Manage the space and activities with reference to the operative characteristics of tools and equipment distributed in the work context. Identify and handle the different equipment and tools.

### **Bibliografia / Bibliography (Lim:1000)**

- Azevedo, J. (1990). Educação Tecnológica nos anos 90. Porto: Edições ASA. ¿
- Canal, M. F. (1998). A Carpintaria. Lisboa: Editorial Estampa. ¿
- Clérin, P. (2002). La Sculpture, toutes les techniques, Paris: Dessain et Tolra. ¿
- Kalpakjian, S. & Schmid, S.R. (2013). Manufacturing Engineering and Technology. 7.ºed. Indiana: Prentice Hall.¿
- Kroemer, K. H. E. (2005). Manual de Ergonomia. Porto Alegre: Ed. Bookman. ¿
- Kovacs, I. (1998). Tendências de transformação tecnológica e organizacional nas empresas: Emergência de novos Sistema produtivos. In Modernização e desenvolvimento em Portugal: ideologias e práticas. Revista do centro de estudos ? economia e Sociedade, n.º1. Lisboa: Lida. ¿
- Moraes, A. (2003). Ergonomia: Conceitos e Aplicações. Rio de Janeiro: Editora 2AB. ¿
- Nutsch, W. (2000). Tecnología de la madera y del mueble. Barcelona: Editorial Reverté, S. A.¿
- Zanetti, A. & Vargas, J. T. (2007). Taylorismo e Fordismo na Indústria Paulista. São Paulo: Associação Editorial Humanitas.¿