

Updated On	2022/04/27																																
Curricular Year / Period	2021/22 / S2																																
Course	Curso Técnico Superior Profissional - Produção Agropecuária																																
Curricular Unit	Introdução à Produção Agrícola																																
Language(s) of Instruction	Português Inglês																																
ECTS/tempo de trabalho (horas)	<table border="1"> <thead> <tr> <th>ECTS</th><th>Total</th><th colspan="8">Horas de contacto semestral</th></tr> <tr> <th></th><th></th><th>T</th><th>TP</th><th>PL</th><th>S</th><th>TC</th><th>E</th><th>O</th><th>OT</th><th>EC</th></tr> </thead> <tbody> <tr> <td>3</td><td>80</td><td>0</td><td>48</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> </tbody> </table> <p>T - Theoretical; TP - Theoretical and practical; LP - Laboratory Practice; S - Seminar; TG - Tutorial guidance; FW - Fieldwork; T - Training; ; EC - Clinical teaching; O* - Other hours typified as Clinical Training under the Directive 77/453/EEC of June 27, adapted by Directive 2005/36/EC.</p>	ECTS	Total	Horas de contacto semestral										T	TP	PL	S	TC	E	O	OT	EC	3	80	0	48	0	0	0	0	0	0	0
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3	80	0	48	0	0	0	0	0	0	0																							
Teacher in charge (GDPR consent) [complete name, email]	Ana Isabel Rodrigues Cordeiro / ana_cordeiro@ipportalegre.pt																																
Prerequisites [Curricular Units that must precede and specific entry competences]	SS																																
Learning outcomes [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	<ol style="list-style-type: none"> 1. Know the biophysical environment of the country, with special emphasis on orographic and edaphoclimatic characteristics with an impact on agricultural activity 2. Understand the relationships between the characteristics of the environment and the distribution of productions and national territory production systems 3. Collect and analyze statistical data, as well as identify and establish indicators particularly relevant and characterizing the socio-structural panorama of Portuguese Agriculture 4. Know the position of the country's agriculture vis-à-vis the European Union's partners, as well as the most important commercial relationships and the degree of self-sufficiency of the main goods food 5. Know the technical itinerary of a crop and the agricultural calendar 6. Plan and plan the execution of the various agricultural operations usually included in the itinerary technician of a crop, in particular adapting the land to the crop, preparing the land, sowing, tilling and farming, watering and harvesting. 7. Identify, at a basic level, the most common agricultural machinery and implements used in Agriculture 8. Contact activities and productions of agricultural holdings representative of the systems of region agriculture 																																
Syllabus	Agriculture in the European Union: Portuguese biophysical environment and its relationship with agriculture; Limitation and potential of the territory for agriculture; Agricultural Portugal; Agricultural statistics; Brief characterization of natural agricultural regions; Ministry of Agriculture; production organization agricultural; Adaptation of the terrain to the culture; Land preparation; Sowing; Crops and farms; Watering; Harvesting of agricultural products. (specific syllabus contents are described in the respective teaching plan);																																
Teaching methodologies (including assessment) [Specify the types of assessment and the weights and evaluation criteria]	<p>1 - Teaching methodologies</p> <p>he theoretical and theoretical-practical classes will all be taught on the scheduled dates. face-to-face, then by videoconference.</p> <p>Continuous assessment followed by complementary assessment (1 written consultation test, performance of protocols and oral presentation by videoconference. (35% test grade + 65% report grade and/ or Jobs requested). Prior registration in the assessment tests (exam) in the System is required (Online academics) with a minimum period. Exemption from exam with higher attendance grade or equal to 14.</p>																																

	<p>2 - Period assessment</p> <p>Continuous assessment followed by complementary assessment (1 written consultation test, protocols and oral presentation by videoconference/or in person. (35% test grade + 65% report grade and/ or Jobs requested). Prior registration in the assessment tests (exam) in the System (Online Academics) is required, with a minimum period. Exemption from exam with a frequency score greater than or equal to 14.</p> <p>3 - Examination assesement</p> <p>Examination if you do not obtain a frequency score greater than or equal to 14.</p>
Bibliography	<p>1 - Main Bibliography</p> <p>BELLIDO, L.L. (1991). Cultivos herbáceos. Vol. I. Cereales. Ediciones Mundi-Prensa. Madrid BRIOSA, F. (1989). Glossário ilustrado de mecanização agrícola. Edição do Autor. CEMAGREF/ITCF (1993). Les matériels de travail du sol, semis et plantation. Collection FORMAGRI. CERQUEIRA, J. (2001). Solos e climas de Portugal. Clássica Editora. Lisboa. DIEHL, R. (1998). Agricultura geral. Nova Coleção Técnica Agrária 3. Clássica Editora. Lisboa. ELIARD, J.L. (1986). Manual geral de agricultura. Coleção Euroagro. Publicações Europa-América. Mem Martins. AMARO, P. (2003). A protecção integrada. ISA/PRESS. MEDEIROS, C. (Dir.) (2005). Geografia de Portugal - O ambiente físico (Vol. I). Circulo de Leitores. OLIVEIRA, I. (1993). Técnicas de Regadio. Tomo II. EADR. Ministério da Agricultura, Pescas e Alimentação. RAPOSO, J.R. (1994). A rega por aspersão. Nova coleção técnica agrária 8. Clássica Editora. Lisboa. URBANO TERRON, P. (1995). Tratado de Fitotécnia General 2ª Ed. Ed. Mundi-Prensa. Madrid.</p> <p>2 - Complementary Bibliography</p> <p>MOREIRA, M. (2012). Práticas de Solos. 2ªEdição. Editora Publindústria. Porto. GAVILÁN, M. (2004). Tratado de cultivo sin suelo. 3ªEdición. Mundi-Prensa. Madrid Marquez, L. (2004). Maquinaria agrícola. B&H Editores. Torrelodones. Zhang, Q. (2015). Precision Agriculture Technology for Crop Farming. CRC Press. Florida</p>
Special Situations [Students with special status]	<p>1 - Period assessment - Students with special status</p> <p>The discipline's organicity and working logic was designed and developed for students face-to-face, so attendance at classes is mandatory. To obtain frequency and access to the exam is required to attend at least 75% of classes, except for students with special status, as established in the respective school regulations internal. All missing cases must be discussed with the teacher during the first 15 (fifteen) days of classes</p> <p>2 - Examination assesement - Students with special status</p> <p>The discipline's organicity and working logic was designed and developed for students face-to-face, so attendance at classes is mandatory. To obtain frequency and access to the exam is required to attend at least 75% of classes, except for students with special status, as established in the respective school regulations internal. All missing cases must be discussed with the teacher during the first 15 (fifteen) days of classes</p>