

<b>Updated On</b>	2024/04/17																																								
<b>Curricular Year / Period</b>	2022/23 / S1																																								
<b>Course</b>	CTeSP - Agricultural Production																																								
<b>Curricular Unit</b>	Animal production techniques																																								
<b>Language(s) of Instruction</b>	Português Espanhol																																								
<b>ECTS/tempo de trabalho (horas)</b>	<table border="1"> <thead> <tr> <th rowspan="2">ECTS</th> <th rowspan="2">Total</th> <th colspan="9">Horas de contacto semestral</th> </tr> <tr> <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>6</td> <td>160</td> <td>0</td> <td>48</td> <td>48</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>16</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	6	160	0	48	48	0	0	0	0	16	0
ECTS	Total	Horas de contacto semestral																																							
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6	160	0	48	48	0	0	0	0	16	0																															
<b>Teacher in charge (GDPR consent)</b> <small>[complete name, email]</small>	Luís Alcino Pinto Monteiro Da Conceição / luis_conceicao@ipportalegre.pt																																								
<b>Prerequisites</b> <small>[Curricular Units that must precede and specific entry competences]</small>																																									
<b>Learning outcomes</b> <small>[Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]</small>	<p>Livestock Management Technologies curricular unit aims to provide theoretical and practical knowledge to students about the identification, potential and form of exploitation of different species of greater national interest.</p> <p>In this context, it is intended that students know the main characteristics of external morphology of these animals, identification and accommodation, the populations present in Portugal and their biological and production cycles. It is also intended to make known the characteristics morphological and aptitudes of the main Portuguese and exotic breeds of animals of the species cattle, sheep, goats, swine, poultry and rabbits.</p> <p>Importance of animal welfare in both production units than during their transport.</p>																																								
<b>Sustainable Developemnt Goals</b>																																									
<b>Syllabus</b>	<p>I Animal Production Systems in ruminant animal species</p> <p>1.1 Edaphoclimatic framework to production systems and modes</p> <p>1.2 Main production capabilities in ruminants.</p> <p>1.3. Production statistics</p> <p>1.4. Zootechnical analysis indices</p> <p>1.5. Exognosy</p> <p>1.6. Animal registration and identification</p> <p>1.7. Animal behavior and welfare in ruminant animal species</p> <p>II Cattle Production Systems</p> <p>2.1 Cattle of dairy aptitude</p> <p>2.1.1 Races and indices</p> <p>2.1.2 Feeding and reproductive management</p> <p>2.1.3 Lactation Curve</p> <p>2.2 - Cattle of creatopoietic fitness</p> <p>2.2.1 Autochthonous and exotic breeds</p> <p>2.2.2 Feeding and reproductive management</p> <p>III. Sheep and Goat Production Systems</p> <p>3.1 Dairy aptitude sheep</p> <p>3.1.1 National and exotic breeds</p> <p>3.1.2 Feeding and reproductive management</p> <p>3.1.3 - Lactation curve</p> <p>3.2 Creatopoietic fitness sheep</p> <p>3.2.1 National and exotic breeds</p> <p>3.2.2 Feeding and reproductive management</p> <p>3.3 Goats of dairy fitness</p>																																								

	<p>3.3.1 National and exotic breeds 3.3.2 - Feeding and reproductive management 3.3.3 - Lactation curve 3.4 - Creatopoietic fitness goats 3.4.1 National and exotic breeds 3.4.2 - Feeding and reproductive management IV. Pig Production Systems V. Poultry and Rabbit Production Systems</p>
<p><b>Teaching methodologies (including assessment)</b>  [Specify the types of assessment and the weights and evaluation criteria]</p>	<p><b>1 - Teaching methodologies</b>  1 - Teaching methodologies Theoretical-practical classes will be based on the exposure and discussion of the contents of the program and in the interpretation of practical cases. The practical classes will be based on the monitoring of management interventions on agricultural holdings and or computer applications associated companies. The tutorial guidelines will be aimed at supporting the construction and analysis of a work practical, made by groups of 3-4 students in their working hours, which will be subjected to analysis and discussion by another group of students and teachers of the discipline.</p> <p><b>2 - Period assessment</b>  Assessment by frequency Continuous assessment 75% attendance (students without special statutes); Theoretical Frequency Test (70%) + Practice (30%) Minimum rating on each component of 9.5 values.</p> <p><b>3 - Examination assesement</b>  Theoretical Exam Test (70%) + Practice (30%) Minimum rating on each component of 9.5 values.</p>
<p><b>Bibliography</b></p>	<p><b>1 - Main Bibliography</b>  1 - Main Bibliography Teacher's notes Carbo, C. B. (1996). Production of leche y carne. Ediciones Mundi-Prensa, Madrid. Carbo, C. B. (1995) Classical and complementary poultry farming. Ediciones Mundi-Prensa, Madrid. Carbo, C. B. (1996) Producciones cunicula and alternative poultry. Ediciones Mundi-Prensa, Madrid. Carbo, C. B. (1996). Intensive and extensive pig farming. Ediciones Mundi-Prensa, Madrid. Portolano, N., (1991). Explotacion de Ganado Ovino y Caprino. Ediciones Mundi-Prensa Madrid. Rodríguez, F V; Pertiñez, M D; Guerrero, J L G; Garcés, L A Z; Genís, J M C. (2006) Generalities of sheep production. Seville Frame, J; Laidlaw, S. (2011) Improved Grassland Management. Crowood Press. DGAV (2013) Portuguese Native Breeds. General Directorate of Food and Veterinary. Classical, Artes Gráficas, S.A. Vale, J M (1990) The exterior of the horse. 4th edition. Lisbon, Editorial news Reeder D, Miller S, Wilfong D, Leitch M, Zimmer D (2009). AAEPVTS Equine Manual for Veterinary Technicians. 1st Edition. Wiley-Blackwell. American Association of Equine Veterinary Technicians Redondo, P G (2006) Fundamentals of rabbit farming. Cordoba, Author's Edition Rodríguez F C; Redondo, P G (2006) Breeding pig farms. Seville. Edited by the authors Rodríguez F C; Redondo, P G (2006) Poultry poultry farms. Seville. Edited by the authors Rodríguez F C; Redondo, P G (2006) Poultry farms. Cebo de pollos. Seville. Edited by authors Serra, J L (1995) Anatomy, Physiology and Exterior of Domestic Animals. 2nd Edition. Lisbon, Lltexa Editora Lda</p> <p><b>2 - Complementary Bibliography</b></p>
<p><b>Special Situations</b>  [Students with special status]</p>	<p><b>1 - Period assessment - Students with special status</b>  Theoretical Exam Test (70%) + Practice (30%) Minimum rating on each component of 9.5 values.</p> <p><b>2 - Examination assesement - Students with special status</b>  Theoretical Exam Test (70%) + Practice (30%)</p>

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Minimum rating on each component of 9.5 values.
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