

<b>Updated On</b>	2021/09/28																																									
<b>Curricular Year / Period</b>	2021/22 / S2																																									
<b>Course</b>	Agronomia																																									
<b>Curricular Unit</b>	Mecanização																																									
<b>Language(s) of Instruction</b>	Portugues Ingles																																									
<b>ECTS/tempo de trabalho (horas)</b>	<table border="1"> <thead> <tr> <th>ECTS</th> <th>Total</th> <th colspan="9">Horas de contacto semestral</th> </tr> <tr> <th rowspan="2">6</th> <th rowspan="2">160</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>16</td> <td>32</td> <td>32</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></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									6	160	T	TP	PL	S	TC	E	O	OT	EC	16	32	32							
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<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>Aims and objectives are to develop proper skills and strengthen capacity in agricultural mechanization, namely:</p> <ul style="list-style-type: none"> <li>- Identification of the function, components and maintenance of the tractor and agricultural machinery</li> <li>- Identification of safety rules in the use of agricultural tractors and field operations</li> </ul>																																									
<b>Syllabus</b>	<p>I - Farm equipment safety            II- Facilities and equipment operation and maintenance            III - Farm Tractor, engine power and complementary systems            IV - Implements for preparation and mobilization of soil, sowing and fertilization, crop protection, cutting and processing of fodder            V - Mechanized harvesting operations</p>																																									
<b>Teaching methodologies (including assessment)</b> <small>[Specify the types of assessment and the weights and evaluation criteria]</small>	<p><b>1 - Teaching methodologies</b> Lectures and practicals</p> <p><b>2 - Period assessment</b> Two midterm question papers            I (Safety + Workshop + Tractor) 25% Theoretical + 25% Practice            II (Machines and mechanized harvesting operations) 25% Theoretical + 25 Practice 25%</p> <p><b>3 - Examination assesement</b> Students must take a theory (50%) and a practical (50%) final exam</p>																																									
<b>Bibliography</b>	<p><b>1 - Main Bibliography</b></p> <p><b>2 - Complementary Bibliography</b></p>																																									
<b>Special Situations</b> <small>[Students with special status]</small>	<p><b>1 - Period assessment - Students with special status</b></p> <p><b>2 - Examination assesement - Students with special status</b></p>																																									