

<b>Academic Year: 2017/2018</b>		
<b>Course: Geography of Transports and Communications</b>		
<b>Coordinator: Nuno Marques da Costa</b>		
<b>Teaching Staff: Nuno Marques da Costa; Miguel Padeiro</b>		
<b>ECTS: 6</b>	<b>Weekly Hours: 4h</b>	<b>Typology: Theoretical/Practical</b>
<b>Contents</b>		
<ol style="list-style-type: none"> <li>1. Transport characteristics, networks constitution, and mobility measuring.</li> <li>2. Transport and spatial organisation theories.</li> <li>3. Recent and future challenges for transport.</li> <li>4. Transportation modes and spatial organisation.</li> <li>5. Transport and mobility planning.</li> </ol>		
<b>Objectives and skills</b>		
<p><b>Objectives:</b> This optional course unit in the curriculum of Geography and Planning and Land Management, aims to introduce the concepts and terminology associated with the analysis of transport and communication. Other aim is to discuss how transport and communication contribute to the organisation of territories, as well as discussing the impacts arising from different mobility and infrastructure options.</p> <p><b>Skills:</b> Empower students to integrate the problem of transport in the analysis of the territories and to include it in the territorial planning practices.</p>		
<b>References</b>		
<p>BANISTER, D. (2005) – <i>Unsustainable transport: city transport in the new century</i>. Routledge, Londres.</p> <p>COX, P. 2010. <i>Moving people: Sustainable transport development</i>, Zed Books, Londres.</p> <p>HANSON, S.; GIULIANO, G. (2004) – <i>The Geography of Urban Transportation</i>. Guilford Press, Nova Iorque</p> <p>KNOWLES, R.; SHAW, J.; DOCHERTY, I. (2008) – <i>Transport Geographies</i>. Blackwell Publishing, Oxford.</p> <p>MARQUES da COSTA, N. (2007) – <i>Mobilidade e Transporte em Áreas Urbanas. O caso da Área Metropolitana de Lisboa</i>. Dissertação de Doutoramento apresentada à Universidade de Lisboa, Lisboa.</p> <p>RENNE, J. L. &amp; FIELDS, B., eds., (2013) – <i>Transport beyond oil. Policy choices for a multimodal future</i>, Island Press, Washington.</p> <p>RODRIGUE, J-P.; COMTOIS; C.; SLACK, B. (2013) – <i>The Geography of Transport Systems</i>. Routledge, Nova Iorque.</p> <p>RODRIGUE, J-P.; NOTTEBOOM, T.; SHAW, J. (2013) – <i>The SAGE Handbook of Transport Studies</i>, SAGE, Londres.</p>		
<b>Knowledge evaluation methods and their partial grades</b>		
<p><b>Normal regime</b></p> <ul style="list-style-type: none"> <li>○ Thematic Workshop discussion – 15%</li> <li>○ Report based on a practical work and oral presentation (group) – 30%</li> <li>○ Written test (individual) – 40%</li> </ul> <p><b>Special regime</b></p> <ul style="list-style-type: none"> <li>○ Report based on a practical work (individual) – 40%</li> <li>○ Written test (individual) – 60%</li> </ul>		