

<b>ID</b>	3817
<b>Curricular Unit</b>	Occupational Risk Management
<b>Regent</b>	Filipa Catarina V. Silva Pinto Marto Carvalho
<b>Learning Outcomes</b>	<p>Introduce the concepts associated with risk assessment;  Describe the main steps of a risk assessment;  Compare the advantages and limitations of risk analysis;  Explore qualitative and quantitative methods of risk assessment;  Define the principles underlying the control of risks.</p>
<b>Syllabus</b>	<ol style="list-style-type: none"> <li>1. Risk management as a central element in the management system for Safety and Health at Work</li> <li>2. Risk Assessment - definition and concepts</li> <li>3. Methods of identifying hazards</li> <li>4. Methods of risk assessment</li> <li>5. Criteria and benchmarks</li> <li>6. Risk Control</li> </ol>
<b>Evaluation</b>	Assessment: Final exam (40%) and individual/group work to be defined (60%).
<b>Bibliography</b>	<p>AVEN, T. (2008), Risk Analysis - Assessing Uncertainties Beyond Expected Values and Probabilities, West Sussex: John Wiley &amp; Sons.  GLENDON, A.I., CLARKE, S.G. AND MCKENNA, E.F. (2006), Human safety and risk management, 2nd edition, CRC Press, Boca Raton.  MIGUEL, A.S.S.R. (2012), Manual de Higiene e Segurança do Trabalho, 12th edition, Porto Editora, Porto.  ROXO, M. (2003). Segurança e Saúde do Trabalho: Avaliação e Controlo de Riscos. Coimbra: Almedina.  TAYLOR, G., EASTER, K. AND HEGNEY, R. (2004), Enhancing occupational safety and health, Elsevier Butterworth-Heinemann, Oxford.</p>