

<b>ID</b>	2253
<b>Curricular Unit</b>	Occupational Risk Management
<b>Regent</b>	Rui Miguel Bettencourt Melo
<b>Learning Outcomes</b>	<p>Introduce the concepts associated with risk assessment;</p> <ul style="list-style-type: none"> <li>· Describe the main steps of a risk assessment;</li> <li>· Compare the advantages and limitations of risk analysis;</li> <li>· Explore qualitative and quantitative methods of risk assessment;</li> <li>· Define the principles underlying the control of risks.</li> </ul>
<b>Syllabus</b>	<ol style="list-style-type: none"> <li>1. risk management as a central element 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 define (60%).
<b>Bibliography</b>	<p>AVEN, T. (2008), Risk Analysis - Assessing Uncertainties Beyond Expected Values ??and Probabilities, West Sussex: John Wiley &amp; Sons.</p> <ul style="list-style-type: none"> <li>· GLENDON, AI, CLARKE, SG AND MCKENNA, EF (2006) Human safety and risk management, 2nd. Edition, CRC Press, Boca Raton.</li> <li>· MIGUEL, ASSR (2012), Handbook of Health and Safety at Work, 12th Edition, Porto Editora, Porto.</li> <li>· PURPLE, M. (2003). Safety and Occupational Health: Risk Assessment and Control. Coimbra: Almedina.</li> <li>· TAYLOR, G., EASTER, AND K. HEGNEY, R. (2004), Enhancing occupational safety and health, Elsevier Butterworth-Heinemann, Oxford.</li> </ul>