

**NOVA Information Management School**

**NOVA IMS**

<b>Course</b>	Project Management for Information Systems
<b>Coordinator:</b>	Maria Rosário Ponces de Carvalho
<b>ECTS</b>	6
<b>Objectives:</b>	<ol style="list-style-type: none"> <li>1. Understand the differences of projects, operations and products concepts</li> <li>2. Use a structured approach to the project management concept, in the Organizations' business context</li> <li>3. Identify the several project life cycle models and their advantages and disadvantages</li> <li>4. Make use of scope planning and control processes and project scope structuring methods and techniques</li> <li>5. Make use of time planning and control processes and project activities scheduling methods and techniques</li> <li>6. Identify the main project actors and to use the project organization and responsibilities planning tools</li> <li>7. Develop the project communication plan</li> <li>8. Identify the project cost types and be capable to use cost planning (CBS) and cost control (EVA) tools</li> <li>9. Present quality, quality assurance and quality control concepts referring to the project management context</li> <li>10. Make use of risk identification, assessment, treatment and control tools</li> <li>11. Identify different project manager technical, behavioural and contextual competence elements</li> <li>12. Make an adequate use of main Microsoft Project functionalities on practical exercises</li> </ol>
<b>Curricular Unit</b> <b>Contents:</b>	The curricular unit is organized in 8 Learning Units (LU): UA1. Information Systems projects

	<p>1 Project, Project Management, Programme and portfolio concepts</p> <p>2 Project management and information systems context</p> <p>3. Development project life cycles</p> <p>3 Project start-up, control and close</p> <p>4. Procurement</p> <p>UA2. Scope management</p> <p>UA3. Time management</p> <p>UA4. Organization and communication management</p> <p>UA5. Cost Management</p> <p>UA6. Quality management</p> <p>UA7. Risks management</p> <p>UA8. Project manager competence elements</p> <p>1 Team management</p> <p>2 Behavioural competence elements</p> <p>3 Contextual competence elements</p>
<b>Teaching method:</b>	<p>The curricular unit is based on theoretical and practical lectures. The theoretical lectures include presentation of concepts and methodologies and discussion.</p> <p>The practice sessions are geared towards the elaboration of case study.</p>
<b>Grading method:</b>	<p>Grades are composed by 2 evaluation tests and 1 practice application</p> <p>Theory Grade = Round (0,5 * test 1 + 0,5 * test2), with a minimum grade of 9,5</p> <p>Application group exercise, with 8 deliverables and a minimum grade of 9,5</p> <p>Group evaluation is defined based on the practical lectures participation and the final discussion.</p> <p>Final Grade = Round ( 0,5 *Theory + 0,5 * Application exercise )</p>
<b>ibliography:</b>	<ul style="list-style-type: none"> <li>• Cadle, James &amp; Yeates, Donald (2008). Peoject Management for Information Systems. Fifth Edition, Perarson Education. UK.</li> <li>• Class slides, business case and practical exercises requirements are made available on IMS online.</li> <li>• Schwalbe, Kathy (2011). Managing Information Technology Projects. 6th edition.</li> </ul>