

Course Title	<b>Project Management</b>				
Course Code	<b>MBA518</b>				
Course Type	Compulsory				
Level	MBA (Level 2)				
Year / Semester	1 <sup>st</sup> Year / Fall Semester				
Teacher's Name	Professor Eleni Hadjiconstantinou				
ECTS	5	Lectures / week	3 hours	Laboratories / week	
Course Purpose and Objectives	<p>Project Management offers a structured approach to managing projects. It is defined as “the application of knowledge, skills, tools and techniques to project activities in order to meet stakeholders’ needs and expectations from a project”. This definition clearly suggests that the purpose of this course is to identify and describe the best practices that are applicable to most projects and to outline the latest planning techniques used by industry and commerce. The course deals with topics associated with the management of projects as a way of implementing beneficial change in organizations. It aims to provide students with a sound understanding and knowledge of the basic concepts and principles of the project management process and the comprehensive toolkit and analytical skills underpinning the effective planning of any major project in any industry sector.</p>				
Learning Outcomes	<p>Upon the successful completion of this course, students will be able to:</p> <ol style="list-style-type: none"> <li>1. Explain the meaning and scope of projects and project management</li> <li>2. Acquire knowledge of the basic concepts, principles and essential tools of the project management process according to international standards</li> <li>3. Explain the differences between operations and projects and discuss project characteristics</li> <li>4. Identify the main phases of a project life cycle and discuss its benefits</li> <li>5. Differentiate the key project roles and discuss their associated responsibilities</li> <li>6. Describe the project definition process and develop tools for early project definition</li> <li>7. Apply the basic project planning methodology using Network Analysis</li> <li>8. Construct simple Gantt charts and project networks based on AOA and AON notations using practical examples</li> <li>9. Explain the computation and meaning of different types of activity float</li> <li>10. Demonstrate the application of the Critical Path Method (CPM) for both types of project networks using practical examples</li> </ol>				

Prerequisites	None	Required	None
Course Content	<ul style="list-style-type: none"> <li>• Introduction to projects and project management</li> <li>• Project types and project characteristics</li> <li>• Project life-cycle</li> <li>• Key roles &amp; responsibilities: The Project Manager, the Sponsor &amp; the User</li> <li>• Early project definition and Work Breakdown Structures (WBS)</li> <li>• Gantt charts and introduction to project planning</li> <li>• Activity-on-arrow (AOA) and activity-on-node (AON) project networks</li> <li>• Project time-scale analysis using the Critical Path Method (CPM) for project networks AOA and AON</li> <li>• Multiple dependency networks</li> </ul>		
Teaching Methodology	<ul style="list-style-type: none"> <li>• The course is delivered through 3-hour lectures per week.</li> <li>• Class discussions and the use of real-life examples reinforce the theoretical component of the course. Practice problems and other teaching notes are handed out to consolidate knowledge in the analytic skills developed.</li> <li>• The course material is available on the university's e-learning platform. Selected readings from the recommended textbooks provide a good source for additional information and examples for practice.</li> </ul>		
Bibliography	<p><b><u>RECOMMENDED TEXTBOOKS</u></b></p> <ol style="list-style-type: none"> <li>1. Gray C.E. and Larson E.W., Project management: the managerial process, McGraw- Hill, edition 7e, 2018, ISBN 978-1-259-66609-4</li> <li>2. Kerzner H., Project management: A systems approach to planning, scheduling and controlling, John Wiley &amp; Sons, 10th edition, 2017, ISBN 978-1-119-16535-4.</li> <li>3. Burke R., Project management: planning and control techniques, John Wiley &amp; Sons, 5th edition, 2013, ISBN 978-1-118-56125-6.</li> <li>4. Meredith J.R., Jr. Mantel S.J. and Shafer, S.M., Project management: a managerial approach, John Wiley &amp; Sons, 9th edition, 2016, ISBN 978-1-118-94583-4.</li> <li>5. Lockyer K. and Gordon J., Project management and project network techniques, Financial Times Prentice Hall, 7th edition, 2005, ISBN 0-273-69378-6.</li> </ol>		
Assessment	<ul style="list-style-type: none"> <li>• Developing a Project Plan (20%)</li> <li>• Group Project Assignment and Presentation (20%)</li> <li>• Final Exam (60%)</li> </ul>		
Language	English		