

Course Title	Project Management				
Course Code	MIS303				
Course Type	Compulsory				
Level	BSc/1st Cycle				
Year / Semester	3RD /5TH				
Teacher's Name	Dimitrios Gkritzapis				
ECTS	7.5	Lectures / week	3 hours	Laboratories / week	-
Course Purpose and Objectives	<p>The main objectives of the course are to:</p> <ul style="list-style-type: none"> • Define concepts, principles and behavioral skills needed to successfully launch, lead, and realize benefits from projects in organizations; • Successfully manage projects by employing effectively project's schedule, scope and resources to produce a desired outcome; • Identify critical success factors required to overcome resistance to change as substantiated in major projects; • Outline the importance of working in teams and the use of a variety of Project Management Software Products; • Underline the importance of proper project management and administration, and the role of documentation; • Review causes of project failure through selected case studies and learn how to mitigate risks through proper project planning. 				
Learning Outcomes	<p>After completion of the course students are expected to be able to:</p> <ol style="list-style-type: none"> 1. Understand project management design, development, and deployment; 2. Select and apply project management tools, techniques, and skills; 3. Deploy strategies to address the ubiquitous issue of resistance to change; 4. Effectively employ critical resources, time, cost and quality for effective project implementation; 5. Explore implications, challenges, and opportunities of team dynamics in project management; 6. Identify and apply key performance metrics for project success; 7. Learn the main functionalities of a project management software tool and solve cases in a project management simulation environment; 8. Engage and lead projects. 				

Prerequisites		Required	-
Course Content	<p>1. Project Management Overview: Includes an integrated framework for project organization, planning and control which is designed to: ensure the timely and cost-effective production of all the end-products, maintain acceptable standards of quality, achieve for the enterprise the benefit for which the investment in the project has been made;</p> <p>2. Requirements gathering and analysis: Involves ideas and intentions of a group of people who see the need for a project in their organization and convert them into a formal, planned, resourced and funded project in a way that clearly and explicitly defines the objectives and scopes of the project;</p> <p>3. Project planning: Once the objectives of the project have been identified and a work breakdown structure developed for how to meet these objectives, it is necessary to plan for the people involvement on the project. An important step in this planning is to identify the required roles and responsibilities. This methodology provides a standard set of roles and responsibilities for a project and it is necessary to review this list and customize it for the particular project;</p> <p>4. The main functionalities and components of a Project Management tool and a Simulation environment;</p> <p>5. Work Breakdown Structure (WBS): Concerns a tool used to define and group a project's discrete work elements (or tasks) to organize and define the total work scope of the project. A WBS also provides the necessary framework for detailed cost estimating and control along with providing guidance for schedule development and control;</p> <p>6. Task List: It includes a customized work breakdown structure (task list) specific to the project activities and based on requirements and technological objectives;</p> <p>7. Resource Allocation: Includes the estimation of the duration and definition of initial requirements for working resources;</p> <p>8. Case Studies for legendary failing projects to identify and study common factors contributing to ineffective project management.</p>		
Teaching Methodology	<ul style="list-style-type: none"> • Faculty Lectures and Guest-Lectures Seminars; • Directed and Background Reading; • Lab Assignments in a Project Management Software Tool; • Use Cases in a Simulation Environment; • Group Project. 		
Bibliography	Essential Reading		

	J.R. Meredith, S.M. Shafer, S.J. Manter Jr. and M.M. Sutton (2018), <i>Project Management in Practice, 6th Ed.</i> , Wiley. ISBN : 978-1-119-29860-1
Assessment	Group project; Mid-Term Exam; Final Exam.
Language	English