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| **Course Title** | Project Management |
| **Course Code** | TMBA – 220 |
| **Course Type** | This course is an Elective |
| **Level** | Master (2nd Cycle) |
| **Year/Semester** | Year 1, A’ or B’ Semester |
| **Teacher’s Name** | Dr Michael Anastasiou |
| **ECTS** | 6 | **Lectures/weeks** | 3 | **Laboratories/weeks** |  |
| **Course Purpose and Objectives** | This course offers a unique opportunity to students to comprehend project management roles, environments and the project life cycle. Students will employ different techniques of work planning, control and evaluation to secure the achievement of the project objectives. The course emphasizes the practical application of project - management principles, processes, and techniques, including project control, cost management, project tracking, and project outsourcing. In addition, students will study different techniques, including stochastic estimating, fast – tracking, and critical - path crashing, in order to exploit activity lead - lag times and develop accurate project schedules, control project schedules and budgets. Students are expected to:* Grasp in - depth theoretical and practical knowledge of project management;
* Understand the multi - dimensional relationship of project management importance within the wider field of management;
* Select project processes suitable for a variety of contexts, demonstrating awareness of risk and different types and approaches;
* Synthesise learning about key concepts, theories and techniques from other MBA course and apply to the critical analysis of both project failure and success;
* Develop strategies and adapt practice to ensure the delivery of successful projects;
* Consider sustainability, corporate social responsibility and ethics across the project lifecycle.
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| **Learning Outcomes** | Upon completion of this course students will be able to:1. Implement key principles, tools and techniques to a wide range of project management contexts;
2. Plan and organize a project quickly and efficiently in order to manage project costs and risks.
3. Use metrics to track a project's status, detect any problems and control a project by preventing scope creep.
4. Evaluate the differences and applications of the main project management methodologies in use today;
5. Synthesize learning and practice with key concepts, theories and techniques from the various business and management functions with project management methodological contexts and practices;
6. Demonstrate the application of project management practice to a variety of contexts and challenges.
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| **Prerequisites** | None | **Required** | Elective |
| **Course Content** | 1. Foundation principles of projects, programs and portfolios; project and organizational structures, the role of the Project Manager and the structure and role of the Project Management Office (PMO);
2. Principles and practice for the management of project scope, time, costs, integration, communication, human resources, procurement, risk and quality;
3. Project Management methodologies principally (but not exclusively) PMI PMBOK, PRINCE2, Agile, SCRUM, Waterfall Approach;
4. Milestones, project management, project management certification; life cycle of a project: phases of a project, the project environment; feasibility study, project selection, project integration management);
5. Planning and control cycle: work breakdown structure (WBS); time management (Gantt charts, Network analysis); cost planning, resource management; schedule crashing; project management software; risk management, quality planning.
6. Project communication, organizational structures for project management; monitoring and controlling project: earned value; project completion and review, performance improvement of a project;
7. Project management case studies.
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| **Teaching Methodology** | Faculty members select one or a combination (according to thematic area and expected learning outcomes) of the following teaching methods in order to achieve the learning outcomes of the course: lectures, workshops, seminars, individual or group case - studies and exercises, debates, demonstrations and discussion, educational visits, digital learning, flip learning method, coaching - mentoring, project - based learning method, work - based learning method, presentations by visitors etc.; |
| **Mode of delivery** | Face to face. |
| **Bibliography** | **Required** |
| Pinto, K. F. (2019). Project Management: Achieving Competitive Advantage. Pearson; 5th edition; ISBN-10: 1292269146. |
| **Recommended** |
| Project Management Institute. (2017). A Guide to the Project Management Body of Knowledge. PMBOK Guide; 6th Edition; ISBN-10: 1628253827Wysocki, K., R. (2019). Effective Project Management: Traditional, Agile, Extreme, Hybrid. John Wiley & Sons; 8th edition; ISBN-10: 1119562805 |
| **Assessment** | The following assessment methods are employed to assess this course:

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| 30 – 50 % | Final Exam |
| 20 – 40 % | Mid –Term / Tests / Quizzes |
| 10 – 30 % | Assignments / Projects |
|  0 – 10 % | Class Attendance & Participation |

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| **Language** | English |