



COURSE OUTLINE

1. Information about the program

1.1 Higher education institution	“Alexandru Ioan Cuza” University of Iași
1.2 Faculty	Faculty of Economics and Business Administration
1.3 Department	Accounting, Business Information Systems and Statistics
1.4 Field of study	Business Informatics
1.5 Cycle of study	Master
1.6 Study program / Qualification	Software Development and Business Information Systems

2. Information about the course

2.1 Course name	Project Management						
2.2 Course coordinator	Associate Professor Daniela Popescul , PhD						
2.3 Seminar coordinator	Associate Professor Daniela Popescul , PhD						
2.4 Year of study	1	2.5 Semester	1	2.6 Type of evaluation*	M	2.7 Course status**	C

* MT-MID-TERM, O-ORAL EXAM, E-EXAM, M-MIXED; ** C-compulsory/O-optional/E-elective

3. Estimated time allocation (hours per semester and teaching activities)

3.1 Total number of hours per week	3	out of which: 3.2	2	3.3 seminar / laboratory	1
3.4 Total number of hours per semester	42	out of which: 3.5	28	3.6 seminar / laboratory	14
Time allocation					h
Study based on course book, course materials, bibliography and other					20
Supplementary study in the library, on electronic platforms and on the field					20
Preparing seminars/laboratories, assignments, papers, portfolios and essays					60
Tutorship					-
Examination					8

3.7 Total hours of individual study	108
3.8 Total hours per semester	150
3.9 Number of credits	6

4. Prerequisites (if applicable)

4.1 Referring to curriculum	Not necessary
4.2 Referring to competences	Not necessary

5. Conditions (if applicable)

5.1. For the course	Lecture rooms shall be provided with laptop, video projector and speakers
5.2. For seminars/laboratories	<input type="checkbox"/> Students are invited to bring and use their own laptops <input type="checkbox"/> Labs will have enough computers for students not owning a laptop <input type="checkbox"/> Lab computers will have installed Microsoft Project Management or Project Libre, Microsoft Word, Adobe Acrobat Reader, Internet connection

**6. Specific competences accumulated**

Professional competencies	C5.1 Acquiring knowledge on methodologies and standards for planning, implementation and monitoring of software projects, the governance of technologies, services and IT systems within organizations (2 credits) C5.2 Development of an organizational framework for the IT projects and services, according to the needs of stakeholders/customers (1 credit) C6.3 Understand common and specific features of the business processes of the company and how they can be organized and implemented using information technologies (1.5 credits)
Transversal competencies	CT1 – The ability to communicate and collaborate in teams of different professionals (0.5 credits) CT2 – The ability to coordinate project teams and manage informational projects (1 credit)

7. Course objectives (based on specific competencies accumulated)

7.1 General objective	The course aims to develop the project management culture, to bring awareness of the benefits of project management in IT&C industry, creating a domain-specific vocabulary
7.2 Specific objectives	After successfully finalizing this course, students will be able to: <ul style="list-style-type: none">▪ Understand and use the basic notions in the field of project management▪ Differentiate between project management practices and more traditional, process/oriented business functions▪ Identify business problems and provide adequate solutions, through projects▪ Analyze the mechanisms used in projects' conceptualization, planning and execution and apply them taking into consideration the real-life conditions and context▪ Understand, identify and take part easily into various types of projects

8. Content

8.1	Course	Teaching methods	Observations (time and bibliography)
1.	INTRODUCTION: WHY PROJECT MANAGEMENT?	Interactive course, heuristic conversation, problem solving method	2 hours (chap 1 from the course book)
2.	THE ORGANIZATIONAL CONTEXT: STRATEGY, STRUCTURE AND CULTURE	Interactive course, heuristic conversation, problem solving method	2 hours (chap 2 from the course book)
3.	PROJECT SELECTION	Interactive course, heuristic conversation, problem solving method	2 hours (chap 3 from the course book)
4.	LEADERSHIP AND THE PROJECT MANAGER	Interactive course, heuristic conversation, problem solving method	2 hours (chap 4 from the course book)
5.	SCOPE MANAGEMENT	Interactive course, heuristic conversation, problem solving method	2 hours (chap 5 from the course book)



6.	PROJECT TEAM BUILDING, CONFLICT AND NEGOTIATION	Interactive course, heuristic conversation, problem solving method	2 hours (chap 6 from the course book)
7.	RISK MANAGEMENT	Interactive course, heuristic conversation, problem solving method	2 hours (chap 7 from the course book)
8.	COST ESTIMATION AND BUDGETING	Interactive course, heuristic conversation, problem solving method	2 hours (chap 8 from the course book)
9.	PROJECT SCHEDULING: NETWORKS, DURATION ESTIMATION, CRITICAL PATH	Interactive course, heuristic conversation, problem solving method	2 hours (chap 9 from the course book)
10.	PROJECT SCHEDULING: LAGGING, CRASHING, ACTIVITY NETWORKS	Interactive course, heuristic conversation, problem solving method	2 hours (chap 10 from the course book)
11.	CRITICAL CHAIN PROJECT SCHEDULING	Interactive course, heuristic conversation, problem solving method	2 hours (chap 11 from the course book)
12.	RESOURCE MANAGEMENT	Interactive course, heuristic conversation, problem solving method	2 hours (chap 12 from the course book)
13.	PROJECT EVALUATION AND CONTROL	Interactive course, heuristic conversation, problem solving method	2 hours (chap 13 from the course book)
14.	PROJECT TERMINATION AND CLOSEOUT	Interactive course, heuristic conversation, problem solving method	2 hours (chap 14 from the course book)

References:**Compulsory reading:**

Course book: Pinto, J., **Project management. Achieving competitive advantage, 2nd edition, Pearson Publishing House, 2010**

Optional reading:

1. Kerzner, H., 2005. Project Management: A Systems Approach to Planning, Scheduling, and Controlling. 9th Edition, Wiley
2. Knutson, J. (editor), 2001. Project Management for Business Professionals: A Comprehensive Guide. Wiley
3. Project Management Institute (Corporate Author), 2008. A Guide to the Project Management Body of Knowledge: (Pmbok Guide)
4. Journals: International Journal of Project Management, Project Management Journal, PM World Today
7. Internet resources: www.pmi.org, www.projectmanagement.com, <https://cordis.europa.eu/>, www.finantare.ro

8.2	Seminar/Laboratory	Teaching methods	Observations (time and bibliography)
1.	PROJECT INITIATION – Description of the project context (The project idea, the applicant / promoter / beneficiary of funds, the selected funding solution). The motivation of the project idea	team work focused on project design	2 hours, project proposal, guide
2.	PROJECT INITIATION – Target group, goals, milestones	team work focused on project design	2 hours, project proposal, guide



3.	The project idea presentations (pitch presentations)	presentations, feedback	2 hours
4.	PROJECT PLANNING - Project decomposition into activities/sub-activities, scheduling with Microsoft Project/Project Libre; detailed description of activities	team work focused on project design	2 hours, project proposal, guide, Microsoft Project/Project Libre tutorial
5.	PROJECT PLANNING – project team, RAM, resources, budget	team work focused on project design	2 hours, project proposal, guide
6.	PROJECT MONITORING AND EVALUATION - risk identification, indicators for evaluating and monitoring the project, the project logical framework matrix	team work focused on project design	2 hours, project proposal, guide
7.	Final project presentations	presentations, feedback	2 hours

Bibliography**Compulsory reading:**

1. Project_proposal_2021_2022 (available at <http://portal.feaa.uaic.ro>, SDBIS – Project management page)
2. Guide_2021_2022 (available at <http://portal.feaa.uaic.ro>, SDBIS – Project management page)
3. Microsoft Project/Project Libre tutorial (available at <http://portal.feaa.uaic.ro>, SDBIS – Project management page)

9. Bridging course content with the expectations of the community, professional associations and representative employers in the field of the program

On an annual basis, the course content is discussed with the representatives of the business environment, who hire or could hire graduates from this program, while students are required to provide feedback (online, anonymous) after each semester about the course structure, teaching methods, as well as strengths / weaknesses (after the final evaluation). The content is aligned with Project Management Institute recommendations, and also with European Unions' standards and regulations in funding projects.

10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Allocation to the final grade (%)
10.4 Course	Theoretical and applied knowledge	Tests at the end of 10 course meetings (last 10 minutes of the meeting, on the e-learning platform) + active participation in class	10
		Final exam	40



10.5 Seminar/ Laboratory	Project* presentation and participation in class	Project progress, presented in each seminar meeting	15
		Pitch presentation	5
		Final project	30

10.6 Minimal performance standard

Project team grade ≥ 5
Exam grade ≥ 5
Final grade ≥ 5

*The projects will be written according to the specified requirements established during classes, using the project form (project_proposal_2020_2021.docx, available at <http://portal.feaa.uaic.ro>, SDBIS – Project Management page). The projects will approach issues and ideas strictly from the field of your specialization, transmitted during the seminar classes, mainly relying on the existing funding opportunities during this period.

Date
24 September 2021

Course coordinator
AP **Daniela Popescu**, Ph.D.

Seminar coordinator
AP **Daniela Popescu**, Ph.D.

Date of approval in the department

Head of department,
Professor **Florin Dumitriu**, PhD