

SYLLABUS COURSE DESCRIPTION YEAR 2024/2025

COURSE TITLE	Project and Teamwork Management
COURSE CODE	76221
SCIENTIFIC SECTOR	M-FIL/02
DEGREE	Bachelor in Computer Science
SEMESTER	2nd
YEAR	3rd
CREDITS	3
TOTAL LECTURING HOURS	30
TOTAL LAB HOURS	-
PREREQUISITES	-
COURSE PAGE	https://ole.unibz.it/
SPECIFIC EDUCATIONAL OBJECTIVES	<ul style="list-style-type: none"> • Type of course: affini o integrativi • Scientific area: formazione interdisciplinare <p>The course focuses on the application of theoretical concepts, tools, and techniques to project activities in order to meet the project requirements, It provides a practical, hands-on approach to managing projects in general, and ICT-related projects in particular. The course will focus not only on the most technical parts of project management (Time, Scope and Cost management), but also on knowledge areas related to soft skills and projects communication, like leadership skills, managing resources and stakeholders, risk management.</p>
LECTURER	Andrea Molinari
SCIENTIFIC SECTOR OF THE LECTURER	ING-INF/05
TEACHING LANGUAGE	Italian
OFFICE HOURS	No specific timetable has been set: when students need support, a meeting can be arrange beforehand by email. Faculty of Engineering, NOI Techpark, B1.6., andrea.molinari@unibz.it

TEACHING ASSISTANT	-
OFFICE HOURS	-
LIST OF TOPICS COVERED	<ul style="list-style-type: none"> • Project and team work management methods and techniques: goal specification techniques, coordination and collaboration techniques, performance and risk management • Human resources management: communication, conflict management • Tool support for project and team work management
TEACHING FORMAT	Frontal lectures, exercises, classwork, practical sessions on software
LEARNING OUTCOMES	<p>Knowledge and understanding:</p> <ul style="list-style-type: none"> • know the principles of managing ICT projects and teams, communicating with stakeholders in software development teams and in companies; • know the ethical aspects of computer science; <p>Applying knowledge and understanding:</p> <ul style="list-style-type: none"> • be able to apply the knowledge in a working context; • be able to manage and coordinate small working groups; <p>Making judgments</p> <ul style="list-style-type: none"> • be able to reflect about ethical and socio-economic aspects of information systems; • be able to take the responsibility for software development projects; <p>Communication skills</p> <ul style="list-style-type: none"> • be able to work in teams to implement software systems; <p>Learning skills</p> <ul style="list-style-type: none"> • have acquired learning capabilities that enable them to carry out project activities in companies, public institutions or in distributed development communities.
ASSESSMENT	The assessment is based on a practical exam on tools used for project and team work management: students will have to complete the planning and progress of a project according to the skills acquired during the course about project management tools and techniques. The allocated time for this task will be between 60 and 90 minutes.
ASSESSMENT LANGUAGE	Italian
EVALUATION CRITERIA AND CRITERIA FOR AWARDING MARKS	Final practical exam on project and teamwork management tools and techniques [100%]. The exam will be performed on the software tool chosen for the course.

REQUIRED READINGS	<ul style="list-style-type: none"> • Slides and materials provided by the teacher
SUPPLEMENTARY READINGS	<ul style="list-style-type: none"> • Project Management Institute. (2017). A guide to the project management body of knowledge (PMBOK guide) 6th Edition. Newtown Square, Pa: Project Management Institute. • Project Management Institute. (2021). A guide to the project management body of knowledge (PMBOK guide) 7th Edition. Newtown Square, Pa: Project Management Institute. • IEEE Technology and Engineering Management Society Body of Knowledge (TEMSBOK), ISBN: 978-1-119-98760-4. Wiley-IEEE Press, 2023 • ACM/IEEE. Software Engineering Code of Ethics and Professional Practice, v5.2, 1999. <p>Additional books and papers will be suggested during the course.</p>
SOFTWARE USED	<ul style="list-style-type: none"> - Trello - Jira - GanttProject / Microsoft Project