# Project and Information Management

## Prof. Andrea Jurkic; Prof. Daniele Scarpari

***COURSE AIMS AND INTENDED LEARNING OUTCOMES***

The course aims to introduce students to the management of projects, information technologies, and communication, which can be considered the key elements to foster innovation within companies.

Furthermore, the course aims to explore the most relevant variables that must be taken into account when managing this kind of projects, and help students get a better understanding of the needs of the different business functions in order to turn them into competitive advantages and ICT-based innovations.

***COURSE CONTENT***

Module 1

An introduction to project management

Module 2

The different stages of the project life cycle

Module 3

Design Thinking | Agile Approach

Module 4

Information Technologies | Hardware and Software | IT Infrastructure | ICT Strategies

Module 5

Data and information management | Database | Advanced Analytics

Module 6

Subscription Economy | Industry 4.0 | Blockchain | Internet of Things | Cloud Computing | Artificial Intelligence | Web 3.0 & Metaverse

***READING LIST***

*Project Management: la metodologia dei 12 step*, Ediz. Hoepli, Bove.

*The Art of Innovation: Lessons in Creativity from IDEO,* Tom Kelley

*Management dei Sistemi Informativi. 1- Fondamenti,* Ediz. Pearson, Prentice Hall, K.C. Laudon-J.P. Laudon-V. Morabito-F. Pennarola.

***TEACHING METHOD***

Frontal lectures and online activities to be carried out individually or in groups.

In case of remote teaching, students will be asked to watch the recordings of the lectures, study the teaching material and carry out the activities proposed by the lecturer.

Attending webinars is highly recommended.

***ASSESSMENT METHOD AND CRITERIA***

A. *Ongoing assessment*

Students who opt for the ongoing assessment will have to take two interim tests and a final test. In particular:

* the interim tests (50% of the final mark) will consist of:
  1. an individual test aimed to check students’ knowledge of the first three modules, that will take place during class in person or remotely, as indicated on Blackboard (counts 20%);
  2. a group assignment aimed to check students’ skills and competences on content of modules 1-5 (counts 30%);
* The final exam (50% of the final mark) is on the entire course (modules 1-6) and it is an oral test to be taken in the term the course is taught, on one of the three scheduled exam dates.

Please note:

* students who do not manage to take/ pass the individual test, will be allowed to try it again only once, on the same date as the final exam (during the official exam sessions, after the end of the course); on this occasion, students will have to take a test of the topics studied in the first two modules; if they obtain a passing mark, students will have the possibility to take the oral exam on the same date; otherwise students will have to opt for the single summative assessment (see point B);
* the composition of groups for the assignment will be decided by the Faculty;
* students must pass the group assignment (it is not possible to retake the assignment); otherwise, if students do not pass the assignment, they must take the single summative assessment (see point B);
* the final exam can be taken exclusively on one of the official exam sessions after the end of the course and students must obtain a passing mark;
* students cannot refuse a passing grade obtained from the group assignment and/ or the final exam. Students who refuse the obtained mark will have to take the single summative assessment on later exam dates;
* Students always have the possibility to move from the ongoing assessment to the single summative assessment, as well as to refuse the mark obtained in the single summative assessment (and repeat the single summative exam).

B. *Single summative assessment*

Oral exam. Prior to the oral exam, students may take the written exam on the same day of the oral one. It will be checked on the same exam date, if possible. Students who pass the written test will take the oral exam.

***NOTES AND PREREQUISITES***

There are no prerequisites for attending the course.

Further information can be found on the lecturer's webpage at http://docenti.unicatt.it/web/searchByName.do?language=ENG or on the Faculty notice board.