Stampare su carta intestata del CdS

General information	
Academic subject	Informatics (Computer Science)
Degree course	Bachelor's degree in economics and commerce
Academic Year	Third year
European Credit Transfer and Accumulation System (ECTS)	5
Language	Italian
Academic calendar (starting and ending date)	I semester
Attendance	

Professor/ Lecturer	
Name and Surname	Alessandro Pagano
E-mail	Alessandro.pagano@uniba.it
Telephone	
Department and address	Fifth floor (dief)
Virtual headquarters	MS Teams o Google Meet
Tutoring (time and day)	Friday from 8:30 to 10:30 (in presence) On appointment (online)

Syllabus	
Learning Objectives	The course aims to provide a general introduction to information technology and the use of computers, and also to provide practical knowledge on some of the most popular IT tools to support personal and small business productivity.
Course prerequisites	No prerequisites
Contents	Information technology today: an overview The architecture of the computer and the CPU The input / output devices Secondary memories and technical characteristics The operating system Applications and documents Software licenses and Open Source Communications: the electronic network Organize information: lists, queries, markup, HTML and XML Cloud Computing The algorithms Archiving of data Information technology and the law
Books and bibliography	Dennis P. Curtin, Kim Foley, Kunal Sen e Cathleen Morin, Informatica di base (7/ed), McGraw-Hill. - https://amzn.to/3muAHIe Teaching materials available on elearning platform
Additional materials	

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
35	35		
ECTS			

5	5		

Teaching strategy	Frontal teaching Didactic material and exercises available on the department's e-learning platform
Expected learning outcomes	
Knowledge and understanding on:	Students of the course must: • demonstrate knowledge and understanding of the fundamentals of information technology; • demonstrate knowledge and understanding of digital information processing methods; • demonstrate knowledge and understanding of the tools for manipulating information in data structures; • demonstrate knowledge and ability to implement databases on DBMS systems.
Applying knowledge and understanding on:	Students of the course must: • be able to apply their knowledge and understanding to face different types of scenarios; • be able to apply their knowledge and understanding to formulate and solve problems.
Soft skills	• *Making informed judgments and choices* Students of the course must: • have the ability to collect and interpret data, being able to derive autonomous judgments; • be able to understand the impact of IT solutions in everyday life contexts. *Communicating knowledge and understanding* Students of the course must: • knowing how to communicate information, ideas, problems and solutions to specialist and non-specialist interlocutors; *Capacities to continue learning* Students of the course must: • have developed the learning skills necessary to undertake subsequent studies with a high degree of autonomy and the application of knowledge in the profession; • have developed the learning skills necessary to autonomously update their knowledge.

Assessment and feedback	
Methods of assessment	Learning will be verified through a multiple choice test and a possible oral interview.
Evaluation criteria	• *Knowledge and understanding* ○ The understanding of the topics covered will be evaluated through theoretical questions • *Applying knowledge and understanding* ○ It will be assessed through questions placed in a practical context. • *Autonomy of judgment* ○ It will be evaluated through questions in which the student will have to make decisions in real contexts. • *Communicating knowledge and understanding* ○ It will be evaluated through open questions or oral interview • *Capacities to continue learning*

	○ Will be evaluated through questions whose answer provides a link between topics covered during the course.
Criteria for assessment and attribution of the final mark	<18 insufficient Fragmentary and superficial knowledge of the contents, errors in applying the concepts, lack of exposure 18 - 20 Sufficient but general knowledge of the contents, simple exposition, uncertainties in the application of theoretical concepts 21 - 23 Appropriate but not in-depth knowledge of contents, ability to apply theoretical concepts, ability to present contents in a simple way 24 - 25 Appropriate and broad knowledge of contents, fair ability to apply knowledge, ability to present contents in an articulated way. 26 - 27 Precise and complete knowledge of contents, good ability to apply knowledge, analytical skills, clear and correct presentation 28 - 29 Wide, complete and in-depth knowledge of contents, good application of contents, good ability to analyze and synthesize, safe and correct exposure, 30 30 and praise Very broad, complete and in-depth knowledge of contents, well-established ability to apply contents, excellent ability to analyze, synthesize and interdisciplinary connections, mastery of exposure
Additional information	