# ICT & Law

## Prof. Calogero Micciché

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

The aim of the course is to introduce students to the main topics of computer science for lawyers and to Information and Communication Technologies (ICT) Law, focusing on regulatory aspects concerning information society. On this subject, the course analyses the legal developments resulting from ICT, specifically covering the need to effectively protect individual rights, the governance system and the democratic nature of administrative relationships.

The aim is to teach students skills that they may use to detect the opportunities and risks of ICT, and to assist them in acquiring adequate knowledge of the relevant national, European and international legal frameworks. Moreover, the course aims to offer students skills related to digital citizenship, to the gradual digitisation of administrative activities and to the changes produced by this process on administrative relationships.

At the end of the course, students will have acquired knowledge of the fundamental elements and main tools that characterise information technology law and will be able to understand and analyse the legal, ethical and social implications of technological applications, acquiring the ability to analyse real cases, grasping the related legal problems and identifying strategies in order to solve them.

 ***COURSE CONTENT***

* Legal sciences and computer technology: law and technology; computer science concepts; computer science for lawyers; elements of computer science and law and digital tools for lawyers; origins, historical evolution and the subject matter of ICT Law.
* Individual rights and digital innovation: constitutional freedoms and ICT technologies; digital citizenship; the right to Internet access; protection of personal data; Digital Identity; the right to be forgotten.
* The regulation of digital society; the role of Public Administration and of independent Authorities; the Italian Data Protection Authority; the Communications Regulatory Authority; the National Cybersecurity Agency.
* Digital society and public institutions: Digital Administration Code and digitisation of administrative legal relationships; algorithmic administrative measure; open government; digital citizenship; online services; E-democracy; Agency for Digital Italy.
* Legal protection of IT assets.
* Legal tools and new technologies: electronic documents; digital signatures; telematic communication; digital contracts; certified email; certified email notification.
* Emerging technologies and the law: data society and data governance; open data; big data; Internet of Things (IoT); Artificial Intelligence;
* ICT and liability.

***READING LIST[[1]](#footnote-1)***

Attending students will supplement lectures notes by reading the volume written by L. Torchia, *Lo Stato digitale*, il Mulino, Bologna, last available edition. *Purchase from VP*

Non-attending students must also select one of the following two manuals as supplementary reading:

F. Faini - S. Pietropaoli (edited by), *Scienza giuridica e tecnologie informatiche*, Giappichelli, Turin, last available edition. *Purchase from VP*

R. Cavallo Perin - D. Urania Galetta (edited by), *Il diritto dell’amministrazione pubblica digitale*, Giappichelli, Turin, last available version. *Purchase from VP*

***TEACHING METHOD***

Frontal lectures, case study analysis, use of multimedia tools, classroom discussions.

***ASSESSMENT METHOD AND CRITERIA***

Students will have to take an oral exam on the programme specified in the reading list.

The assessment criteria will include presentation clarity and efficacy; pertinent and comprehensive answers, proficiency in the use of lexicon, reasoning skills, and detection of open questions, argumentative skills and ability to solve real-life issues.

***NOTES AND PREREQUISITES***

There are no specific knowledge prerequisites in order for students to attend the course. Nevertheless, students are expected to have an interest in and intellectual curiosity for reflecting upon digital and technological innovation & Law issues.

Students are strongly advised to attend lessons in order to be adequately prepared for the exam.

Course activities will involve the use of the computer tool Blackboard, available online at the address http://blackboard.unicatt.it, through which students may have access to lecture materials, documents for further reading or notices concerning the course.

Information on office hours available on the teacher's personal page at http://docenti.unicatt.it/.

1. The texts indicated in the reading list can be purchased at University bookshops, it is also possible to purchase them from other booksellers. [↑](#footnote-ref-1)