

New ICT Technologies

Introduction

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General information

Teaching	Nuove tecnologie ICT (New ICT Technologies) [A000352]
Course	Laurea in Scienze della Comunicazione [75] (percorso: Media e comunicazione digitale)
Year/Period	3rd year / 2nd semester
Type	Optional
Launlanguage	Italian (material in English)
Length	30 hours (lessons)
Subject area	INF/01

<https://unite.coursecatalogue.cineca.it/>

Goal

- » The purpose of the course is the understanding and use of techniques and tools that determine the visibility of Web content, which is a cross-cutting and pervasive topic in Information and Communication Technology (ICT).
 - It is of interest not only to professionals in IT disciplines, but also to communication experts and humanist scholars in general.
 - The first part of the course provides the basics related to the design and implementation of Web applications.
 - The second part of the course delves into fundamental notions related to the structure of the web, search engines, and illustrates Search Engine Optimization (SEO) techniques.

- » Prerequisites: Knowledge of basic concepts of computer science

📁 Dipartimento di Scienze della comunicazione ▲

📁 Scienze della comunicazione ▲

📁 Anno accademico 2023/2024 ▲

📁 1° anno ▼

📁 2° anno ▼

📁 3° anno ▲

📁 Curriculum Media e comunicazione digitale ▲

🎓 [Gender studies - Prof. Querciolo Mazzonis - a.a. 2023/2024](#) ⓘ

🎓 [Semiotica dei nuovi media - Prof. Marianna Boero - a.a. 2023/2024](#) ⓘ

🎓 [Nuove tecnologie ict - Prof. Romina Eramo - a.a. 2023/2024](#) ⓘ

<https://elearning.unite.it/course/view.php?id=5404>

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Expectation

- » It is expected that each student
 - will prepare for and attend all the class sessions
 - will contribute regularly and substantially to the team project

- » Lectures will be in Italian
- » Slides, books, and other resources are in English

Textbooks and references

- » Due to the rapid evolution of the subject, there is no textbook that covers the entire discipline.
- » Students receive slides projected in class and are guided from time to time to resources typically free and available online for the course and the in-depth study of the topics.

Contents

- » Introduction to Internet and Web
- » Introduction to Web applications architecture and development
- » Web app design (modelling languages)
- » Web app development (HTML, CSS)
- » SEO (Search Engine Optimization)
- » ...

Exam and projects

- » Homeworks and mini-projects will be assigned during the course to be done individually or in groups, as directed by the teacher
- » Homeworks and mini-projects will be delivered before the exam and will be followed by an oral discussion