

**COURSE DATA****DATA SUBJECT**

Code: 44543
Name: New technology applied to education management
Cycle: Master's Degree
ECTS Credits: 3
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
2216 - Master's Degree in Policies, Administration and Management of Educational O	Facultat de Filosofia i Ciències de l'Educació	1	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2216 - Master's Degree in Policies, Administration and Management of Educational O	Methodology for assessment and intervention in the education system	COMPULSORY

COORDINATION

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SUMMARY

We are currently immersed in the Knowledge Society. Information and Communication Technologies (ICT) are a feature of it, and these technological resources, ICT, are part of our daily life, affecting all social areas, including education.

Therefore, it is essential for the education professional who directs educational policy at different levels of management and organization of educational institutions to understand the integration of ICT in them. This subject is aimed at knowing, reflecting and determining the impact of ICT on the policy, management and direction of educational organizations or institutions.

Thus, firstly, this subject addresses the implication of ICT in the Knowledge Society and more specifically the integration in educational organizations or institutions. Secondly, the knowledge of the evaluation, the main indicators and the impact of ICT in educational organizations. Thirdly, the concreteness of ICT integration plans in educational centers and classrooms, and the competences and competency frameworks of teachers, students and management team. Finally, the technological resources for the



management of educational centers and in the classroom for student learning are addressed.

This subject will promote understanding of the legal framework and fundamental principles of Organic Law 10/2022, of September 6, on the comprehensive guarantee of sexual freedom. It will cover topics related to equality and gender perspective, and will address strategies for the prevention, awareness-raising, and detection of sexual violence in educational settings. At the same time, it will integrate teaching practices for the prevention and detection of sexual violence, in coordination with institutional resources and protocols established by the University of Valencia. Furthermore, this subject contributes to the achievement of the Sustainable Development Goals (SDGs), particularly those related to quality education (SDG 4), gender equality (SDG 5), and the reduction of inequalities (SDG 10).

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

There are no prerequisites

COMPETENCES / LEARNING OUTCOMES

2216 - Master's Degree in Policies, Administration and Management of Educational O

Ser capaces de establecer un compromiso ético deontológico a través de una vinculación consecuente con los valores éticos de la institución e institucionales y gestionar el centro de acuerdo con los principios éticos coherentes con un sistema democrático.

Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.

Students should demonstrate self-directed learning skills for continued academic growth.

Utilizar y analizar de forma crítica diferentes instrumentos tecnológicos para en la gestión y administración de instituciones educativas, que promuevan de forma efectiva el cambio desde la sociedad de la



información a del conocimiento.

Utilizar y analizar de forma crítica instrumentos avanzados para la medición de competencias como indicadores de resultados (simples y complejos, tasas y ratios, índices producto de información multivariada) en la evaluación de organizaciones educativas (sistemas e instituciones).

DESCRIPTION OF CONTENTS

1. ICT and social change: from the Information Society to the Knowledge Society. Educational management in the Knowledge Society. ICT and innovation.

From the Information Society to the Knowledge Society. Characteristics of the Knowledge Society. Educational implications of the Knowledge Society: Competences and curriculum. Integration of ICT and its stages in education and educational centers. Innovation through ICT.

2. Impact of ICT in the management of educational centers

ICT integration plans in education. Evaluation system and main ICT integration indicators: educational system, educational center and classroom.

3. The technological maturity of an educational center. The programs of educational institutions for the management of centers at the administrative, organizational, academic and communication levels. Technological needs of management teams.

The technological maturity of an educational center. ICT and the educational organization: European Framework for Digitally Competent Educational Organizations. Digital school plan. ICT and educational spaces: Classroom of the future. ICT competencies and competency frameworks of teachers, students and management team.

4. Free software and its usefulness in the management of an educational center. Tools for the exchange of information between members of the educational community.

ICT resources for educational centers. Free software and its usefulness in the management of an educational center. Management and administration software and technological resources for collaboration. Technological resources for learning.

WORKLOAD

**PRESENCIAL ACTIVITIES**

Activity	Hours
Tutorials	4,00
Theory	7,00
Group work	5,00
Classroom practices	5,00
Total hours	21,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	10,00
Independent study and work	44,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	54,00

TEACHING METHODOLOGY

The teaching methodology to be used in this course will be based on the following strategies:

- Participative lecture.
- Problem solving.
- Case studies
- Collaborative learning.
- Project management.
- Individualized and/or group attention.
- Theoretical-practical final test.

EVALUATION

The evaluation of the acquisition of the competences by the students will be based on the combination of different types of information, linked to the different activities that the students will develop. For this purpose, different procedures may be used, with the following weightings on the score of the subject:



- Examination or learning test, which will consist of the performance of an oral and/or written test. Percentage of the final grade: 30%.

- Portfolio, which will include the different works carried out by the student. Percentage of the final grade: 45%.

- Class exposition of the work done. Percentage of the final grade: 15%.

- Class participation. Percentage of the final grade: 10%.
- The grading system will be expressed numerically in accordance with Royal Decree 1125/2003 of 5 September, which establishes the European Credit Transfer and Accumulation System (ECTS) and the grading system for officially recognized university degrees valid throughout Spain. Please note:
There is no difference in the assessment procedure between the first and second examination periods.
(ACGUV 108/2017 – Article 6.1).
The components of the assessment that can be retaken during the second examination period are the Examination or learning test and the Portfolio. Together, these account for more than 50% of the final grade for the course (ACGUV 108/2017–Article 6.5). Students are therefore guaranteed the right to pass the course during the second exam period (ACGUV 108/2017–Article 6.6).
Attendance is not a minimum requirement, although it may be taken into account. (ACGUV 108/2017 – Article 6.8).

Fraudulent conduct in assessment tests and plagiarism in assessment work will be considered in accordance with the UV Assessment and Grading Regulations (ACGUV 108/2017) and the Protocol for Action against Fraudulent Practices (ACGUV 123/2020).

The use of technologies (including AI) to create assessment materials without prior and express authorization from the teaching staff will prevent them from being considered as self-authored and will be treated according to current regulations and the UV Code of Coexistence and Good Practices (ACGUV 300/2023, DOGV, no. 9747/18.12.2023).

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