

**COURSE DATA****DATA SUBJECT****Code:** 44515**Name:** Applications of ICT in therapeutic pedagogy**Cycle:** Master's Degree**ECTS Credits:** 3**Academic year:** 2025-26**STUDY (S)**

Degree	Center	Acad. year	Period
2215 - Master's Degree in Special Education	Facultat de Filosofia i Ciències de l'Educació	1	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2215 - Master's Degree in Special Education	ICT, motor skills and plastic and musical expression in pedagogy	ELECTIVES

COORDINATION

TARRAGA MINGUEZ RAUL

SUMMARY

Non available

PREVIOUS KNOWLEDGE**RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

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

OTHER REQUIREMENTS**COMPETENCES / LEARNING OUTCOMES****2215 - Master's Degree in Special Education**

Conocer y comprender los procedimientos de evaluación e intervención en el entorno escolar en niños y niñas con necesidades específicas de apoyo educativo



Diseñar, aplicar y evaluar estrategias educativas inclusivas

Diseñar, planificar y evaluar medidas ordinarias y específicas de atención en función de las diferentes necesidades específicas de apoyo educativo y en el contexto social

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.

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

Tener un compromiso activo con la no discriminación, la igualdad de oportunidades y la equidad

DESCRIPTION OF CONTENTS

1.

2.

3.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Computer classroom practice	21,00
Total hours	21,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	2,00
Individual or group project	30,00



Independent study and work	10,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	42,00

TEACHING METHODOLOGY

EVALUATION

REFERENCES

- Cacheiro, M.L. (2014). Educación y tecnología: Estrategias didácticas para la integración de las TIC. Madrid: UNED
- Sartoreto, S.E., Costi, L.M., Rodrigues, D.A. (2014). Tecnologías de la información y comunicación, TIC, en educación especial. Madrid: Universidad de Alcalá.
- Adam, T., & Tatnall, A. (2017). The value of using ICT in the education of school students with learning difficulties. *Education and Information Technologies*, 22(6), 2711-2726.
- Ciampa, K. (2017). Building bridges between technology and content literacy in special education: Lessons learned from special educators use of integrated technology and perceived benefits for students. *Literacy Research and Instruction*, 56(2), 85-113.
- Edyburn, D. L. (2013). Critical issues in advancing the special education technology evidence base. *Exceptional Children*, 80(1), 7-24
- Liu, G. Z., Wu, N. W., & Chen, Y. W. (2013). Identifying emerging trends for implementing learning technology in special education: A state-of-the-art review of selected articles published in 2008-2012. *Research in Developmental Disabilities*, 34(10), 3618-3628.
- Orozco, G.H., Tejedor, F.J., Calvo, M.I. (2017). Meta-análisis sobre el efecto del software educativo en alumnos con necesidades educativas especiales. *Revista de Investigación Educativa*, 35(1), 35-52.
- CERMI (2015). Tecnologías educativas accesibles. Guía de recursos. Madrid: MECD.
- Center for Applied Special Technology. Universal Design for Learning Guidelines version 2.0. Wakefield, MA: Author. Traducción al español version 2.0. (2013)



- Tárraga, R., Sanz, P. e Iborra, A. T. (2017). Uso de los pictogramas con apoyo de las TIC en la intervención educativa en niños con Trastorno del Espectro Autista. Comunicación y Pedagogía: Nuevas tecnologías y recursos didácticos, 297, 29-34.