SUBJECT TEACHING GUIDE

G553 - Research, Innovation and Information and Communications Technologies Applied to Education
Degree in Primary Education Teaching

Academic year 2020-2021

1. IDENTIFYING DATA					
Degree	Degree in Primary Education Teaching			Type and Year	Compulsory. Year 4
Faculty	School of Teacher Training				
Discipline	Subject Area: Educational Contexts and Processes Basic Training Module				
Course unit title and code	G553 - Research, Innovation and Information and Communications Technologies Applied to Education				
Number of ECTS credits allocated	6	Term		Semester based (1)	
Web					
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. EDUCACION
Name of lecturer	MARIA ROSA GARCIA RUIZ
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Other lecturers	PILAR SAINZ BARANDA

3.1 LEARNING OUTCOMES

- The student should be able to design research and innovation projects in the context of continuous improvement of teaching and learning processes by incorporating ICT resources into education .

4. OBJECTIVES

1. Identify and analyze the characteristics, objectives, purposes and implications that education has for research and innovation.
2. Recognize and explore examples of good practice in educational innovation.
3. Know favorable scenarios of innovative processes in education.
4. Become familiar with the structure and phases involved in the design of an innovation project.
5. Design an educational research and innovation project. Know the various procedures of collection, analysis and elaboration of innovation reports.
6. Understand the cultural and educational importance of ICTs and the potential they offer in the teaching and learning processes.
7. Incorporate ICTs in Education that integrate specific technological knowledge and reflections on the cultural significance of the Information and Knowledge Society.
8. Promote values such as respect, tolerance, rights and duties of the treatment of information in the social and educational field.
9. Guide families and students about the use and education of all types of ICT supports .
10. Reflect and achieve balanced attitudes towards the use of technological means and their consumption in the personal and educational environment.
11. Understand the impact of the Media in the Current Society, the challenges posed by the integration of digital messages in the Media and provide the student with conceptual tools for critical analysis.
12. Consider everything discussed in the subject for the proposal of Final Degree Project.

6. COURSE ORGANIZATION

CONTENTS	
1	Conceptual bases of educational research. Continuous improvement as an objective of educational research and innovation.
2	The process of educational research. Methodology and research techniques.
3	Design of a research project, search for information, references and appointments. Phases
4	Procedures for collecting information, reducing, arranging and transforming data. Analysis of these data. Obtaining and verifying conclusions and research reports.
5	Conceptual approach to educational innovation: change, reform, innovation and transformation. Plans for incorporating ICT into teaching: from instrumental uses to concepts of technological culture.
6	The process of educational innovation. Phases. Facilitating aspects and frequent obstacles.
7	Innovations in Primary Education: analysis of experiences and good practices. The social and educational impact of the audiovisual and digital culture of ICT
8	Design of educational innovation projects in the school environment integrating multimedia educational materials and evaluation in virtual teaching environments.

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
60% will be based on two final projects. In order to pass the subject, both parts (Research and Innovation) need to have a passing grade (5 points or more). In order to pass the subject, both parts (Research and Innovation) need to have a passing grade (5	Written exam	Yes	Yes	30,00
40% of the final grade in the subject will be based on mandatory activities that conform the continuous assessment (activities, projects, participation, etc.). In order to pass the subject, both parts (Research and Innovation) need to have a passing grade	Work	No	Yes	70,00
TOTAL				100,00

Observations

40% of the final grade in the subject will be based on mandatory activities that conform the continuous assessment (activities, projects, participation, etc.) and 60% will be based on two final projects. In order to pass the subject, both parts (Research and Innovation) need to have a passing grade (5 points or more).

If the student does not pass the subject because the minimum qualification has not been reached in any of the parts, the final quantitative grade that will appear in the certificate will indicate the performance in both parts.

ORTHOGRAPHY:
University students must assume that linguistic skills regarding oral and written expression, are critical. Therefore, it is an indispensable condition to pass the subject the orthographic, grammatical and lexical accuracy in projects, activities and exams.

PLAGIARISM:
Regarding fraudulent activities on the evaluation tests, the final qualification will be adjusted to what is established in the article 54.1 of the Regulation of the Evaluation Processes of the University of Cantabria

CITATION RULES:
The Faculty of Education assumes as a criterion of citation the APA norms for all the academic works .

Observations for part-time students

The assessment procedure for part-time students not attending regularly to class consist of an examination and / or projects suggested by the teacher: The will be handed over on the date set by the Faculty for the exam.

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

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