

Course Description

Artificial Intelligence in Education

This micro-credential is intended to equip education professionals, students, and other interested participants with the skills to teach and use Artificial Intelligence (AI) tools in their activities, with special attention given to ethical issues and to practices involving and about AI in educational contexts.

Starting from the basic concepts associated with AI, the context of its applicability in the field of education, ways of using it, and best practices for integrating AI into the classroom, as well as through the demonstration and simulation of AI applications in teaching activities, this micro-credential aims to enable participants to enhance their work with AI and to develop effective strategies for evaluating and validating the results obtained through the use of AI in academic contexts.

At the end of this micro-credential, participants are expected to have acquired a solid foundation in concepts and applications related to AI and to be able to identify AI concepts and techniques used in the field of education. Additionally, participants are expected to be prepared to consider the advantages and disadvantages of each technique or tool and relate them to practical applications within their educational activities.

Furthermore, the course aims to provide participants with the knowledge needed to remain prepared and up to date regarding the future of AI in education.



Basic Course Information

Host university	Polytechnic University of Viana do Castelo, PUVC (Portugal)
Academic course coordinator	Jorge Ribeiro
Subject area	Education and Pedagogical Innovation; Computer Science
Target group	Professional, Students and HE Educators
Language	English/Portuguese
Intended learning outcomes	<ul style="list-style-type: none"> - Understand the fundamental principles of Artificial Intelligence (AI); - Understand the challenges and applicability of AI technologies in Education; - Understand current uses of AI in the classroom; - Analyze the ethical and social possibilities and challenges associated with the use of AI in academic contexts; - Acquire essential knowledge and skills to incorporate AI into daily class-

	<p>room practice;</p> <ul style="list-style-type: none"> - Explore various AI applications in teaching activities across different fields of study; - Develop effective strategies to evaluate and validate the results obtained from the use of AI in academic contexts; - Prepare for future advancements in AI in Education.
ECTS / Certificate	3
Teaching format	Online
Academic year	Spring 2027
Sign up and start the course	Link
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