PÓS-GRADUAÇÃO
POSTGRADUATION

ARTIFICIAL INTELLIGENCE APPLIED TO INDUSTRY

Direction
Balduíno Mateus

ECTS
36 ects

UNIVERSIDADE LUSÓFONA
CENTRO UNIVERSITÁRIO LISBOA

Presentation

The convergence of operational technologies (OT) and information systems (IT) requires professionals with cross-functional skills in data engineering and artificial intelligence. This graduate program was specifically designed to address the challenges of Industry 4.0 and 5.0, combining academic rigor with extensive practical experience. The program equips specialists to adopt advanced tools and robust methodologies to optimize production processes, predict failures in critical assets, and confidently lead the digital transition.

1st Year | No Branch Name

Anual	ects
Extended Reality Technologies	3
Fundamentals of AI and Machine Learning	3
Industrial Cybersecurity	3
Industrial Data Engineering	3
Industrial Maintenance	3
Intelligent Automation	3
Introduction to Python	3
Lean in Manufacturing	3
Operations Management	3
Physical Asset Management	3
Quantum Computing	3
Sustentabilidade Industrial	3

FAZER NOVOS FUTUROS

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