

Artificial Intelligence Certification Scheme and Categories EDLRIS (ATHU009)

- 1-2 interactive tasks and multiple-choice questions per category
- Max. 20 questions/tasks
- Max. 2 hours per certification
- Supervised certification, single-person work, open-book

AI Basic	AI Advanced
AI definitions	Prolog - declarative
Teaching strategies (trainer only)	Machine learning - definition an types ML
Supervised learning	Knowledge representation - declarative
Search	Propositional and predicate logic
Python	Python
Pattern matching	History of AI
Neural networks	Decision trees - ML
Natural language processing	Constraint satisfaction problem - search
Logic	Analyze algorithms
Graphs and trees	AI definitions
Formalize a problem	A* - search
Ethics	Tensor flow - ML
Edge detection	Teaching strategies (trainer only)
Decision trees	Reinforcement learning - ML
Data structures	Ethics
Computer vision	Classical planning - search