ICE 1: Artificial Intelligence Concepts, Stages and Development

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Instructions

Learning Outcomes From LU 1 - provide short sections on the following for class discussions on 25 Aug 2025:

LO9: Discuss the stages of AI development, considering technological feasibility, ethical considerations, and societal readiness for advanced AI capabilities

LO11: Analyse different theories and predictions regarding the potential outcomes and implications of AI reaching or surpassing human intelligence

LO12: Evaluate the potential risks associated with superintelligence (hypothetical future AI surpassing human intelligence).

LO13: Propose strategies for mitigating risks and maximizing benefits associated with the transformative effects of AI singularity on global society.

Due on 22 August 2025 11:59 PM

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ICE 2: Reinforcement Learning

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Instructions

LO12: Discuss philosophical arguments for and against the possibility of artificial consciousness.

LO13: Evaluate the potential for bias and discrimination in AI algorithms.

LO15: Compare supervised, unsupervised, and reinforcement learning.

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