

# COS570 : Advanced Artificial Intelligence

The Advanced Artificial Intelligence course presents a variety of techniques used for devising and leveraging algorithms and approaches to create intelligent agents to achieve specified goals. Students will implement these strategies to create knowledge-based AI agents in a software solution. The course navigates through a variety of AI topics and trends, including reasoning, knowledge representation, planning, expert systems, and cognitive sciences to enrich students'™ understanding of the arena and prepare them for studies in machine learning.

**Credits** 3