

<b>Department:</b>	Faculty of Information Technology
<b>Course Name</b>	Fundamentals of Artificial Intelligence
<b>Hours per week</b>	3
<b>Number of Credits</b>	3
<b>Course Description</b>	<p>This course is to briefly cover Artificial Intelligence with its basic concepts, important techniques, representative applications, and challenges, and therefore provide students a foundation for their further studies in artificial intelligence and intelligent systems. The main topics discussed include: a brief history of artificial intelligence, problem solving, representation and reasoning, knowledge-based system, a brief introduction to AI languages, and intelligent techniques and intelligent systems. Throughout this course, students are expected to further understand the important concepts of intelligent techniques, the role of intelligent system in today's IT application areas, and basic ideas of designing and developing knowledge-based systems.</p>