

Artificial Intelligence and Robotics Program Education Outcomes with Curriculum

Course No.	Course Title	PLO1	PLO2	PLO3	PLO4
AR142	Introduction to Artificial Intelligence	✓	✓		✓
AR241	Artificial Intelligence Programming	✓	✓	✓	✓
٣٠٨٠١١٠١	Computer Skills (2) for Science Colleges	✓		✓	✓
30801203	Object Oriented Programming	✓			
30801204	Object Oriented Programming Lab.	✓		✓	✓
AR231	Introduction to Unix	✓			
AR211	Data Structures	✓			
AR212	Design and Analysis of Algorithms	✓			
AR214	Data Structures and Algorithms Lab.	✓		✓	✓
30102212	Digital Logic Design	✓			
30102213	Digital Logic Design Lab.	✓		✓	✓
AR232	Computer Architecture	✓			
30102324	Operating Systems	✓			
AR243	Machine Learning		✓		✓
AR346	Deep Learning		✓		✓
AR341	Fuzzy Systems		✓		✓
AR246	Introduction to optimization		✓		✓
AR342	Knowledge Representation and Reasoning		✓		✓
AR344	Natural Language Processing		✓		✓
AR348	Artificial Intelligent Lab. 1		✓	✓	✓
AR441	Artificial Intelligent Lab. 2		✓	✓	✓
AR331	Embedded Systems		✓	✓	✓
AR352	Robotics Autonomous Systems		✓		✓
AR354	Robotics Autonomous Systems Lab.		✓	✓	✓
AR256	Introduction to Mobile Robotics		✓		✓
AR353	Robot Vision		✓		✓
AR355	Cognitive Robotics		✓		✓
AR356	Robotics Lab. 1		✓	✓	✓
AR451	Robotics Lab. 2		✓	✓	✓
AR471	Project 1 for AI and Robotics Students	✓	✓	✓	✓
AR472	Project 2 for AI and Robotics Students	✓	✓	✓	✓
AR360	Field Training for AI and Robotics Students+	✓	✓	✓	✓
AR443	Intelligent Text Mining		✓		✓
AR445	Social Networks Analysis		✓		✓
AR447	Speech Recognition and Understanding		✓		✓
AR449	Parallel programming for intelligent application		✓		✓
AR450	Robotic Control Theory		✓		✓
AR455	Human Robot Interaction		✓		✓
AR457	Robotics in Rehabilitation		✓		✓
AR453	Planning Techniques in Robotics		✓		✓
AR459	Special Topics in AI and Robotics		✓		✓