

Robotics and Machine Intelligence courses offered in AY2026/2027							
Course Code	Title	Unit	Semester 1	Semester 2	Pre-requisites	Co-requisites	Preclusions
<b>RMI Major Courses</b>							
RB1101	FUNDAMENTALS OF ROBOTICS I	4	A/Prof Peter Chen Asst Prof Subramaniam V.				ME1102
RB2101	FUNDAMENTALS OF ROBOTICS II	4		A/Prof Chew Chee Meng Dr Lai Yan Kai (ECE)			ME2104 ME2105 CG1111A EE1111B EE2111A
RB2202	Kinematics and Dynamics for Robotics	4	Prof Lee Heow Pueh A/Prof Lim Kian Meng		MA1508E or MA1513		ME4245
RB2203	ROBOT CONTROL	4		A/Prof Chui Chee Kong Dr Lin Feng (ECE)	MA1513 and RB2202		
RB2301	ROBOT PROGRAMMING	4	Asst Prof Guillaume Sartoretti Dr Lai Yan Kai (ECE)		CS1010% (any variant)		
RB2302	FUNDAMENTALS OF ARTIFICIAL NEURAL NETWORKS	4		A/Prof Peter Chen Asst Prof Zhu Lailai	MA1513		EE4312
RB3301	Introduction to Machine Intelligence	4		Asst Prof Gianmarco Mengaldo Asst Prof Rajat Talak (ECE)			
RB3302	Planning and Navigation	4	Prof Marcelo Ang Dr Jason Ku		RB2202		ME5413
RB3303	Robotic System Design and Application	4		A/Prof Chew Chee Meng Prof Cecilia Laschi			ME3243 EE3305
RB4101A	BENG DISSERTATION	8	A/Prof Peter Chen (Coord.)	A/Prof Peter Chen (Coord.)	Stage 4 standing		RB4101B
<b>RMI Technical Elective Courses</b>							
Course Code	Course Title	Unit	Semester 1	Semester 2	Pre-requisites	Co-requisites	Preclusions
RB3201	Sensors and Actuators for Robots	4		Asst Prof James Surjadi Asst Prof Subramaniam V.			
RB4107	Robotics and Machine Intelligence Design Project	4	Asst Prof James Surjadi (Coord.)				
RB4301	ROBOT LEARNING	4		A/Prof Peter Chen Asst Prof Armin Lederer (ECE)	One of (EE2211/EE2213) and one of (RB2203/EE2023/CG2023/ME2142/ME3142 / ME2143)		