

RB Courses offered in AY2026/2027

RMI Core Courses							
Course Code	Course Title	Unit	Semester 1	Semester 2	Pre-requisites	Co-requisites	Preclusions
RB1101	FUNDAMENTALS OF ROBOTICS I	4	Peter Chen Subramaniam V.		-	-	ME1102
RB2101	FUNDAMENTALS OF ROBOTICS II	4		Chew Chee Meng Lai Yan Kai (ECE)	-	-	ME2104 ME2105 CG1111A EE1111B EE2111A
RB2202	Kinematics and Dynamics for Robotics	4	Lee Heow Pueh Lim Kian Meng		MA1508E or MA1513	-	ME4245
RB2203	ROBOT CONTROL	4		Chui Chee Kong Lin Feng (ECE)	MA1513 and RB2202	-	-
RB2301	ROBOT PROGRAMMING	4	Guillaume Sartoretti Lai Yan Kai (ECE)		CS1010% (any variant)	-	-
RB2302	FUNDAMENTALS OF ARTIFICIAL NEURAL NETWORKS	4		Peter Chen Zhu Lailai	MA1513	-	EE4312
RB3301	Introduction to Machine Intelligence	4		Gianmarco Mengaldo Rajat Talak (ECE)	-	-	-
RB3302	Planning and Navigation	4	Marcelo Ang Jason Ku		RB2202	-	ME5413
RB3303	Robotic System Design and Application	4		Chew Chee Meng Cecilia Laschi	-	-	ME3243 EE3305
RB4101A	BENG DISSERTATION	8	Peter Chen (Coord.)	Peter Chen (Coord.)	Stage 4 standing	-	RB4101B

RMI TE Courses							
Course Code	Course Title	Unit	Semester 1	Semester 2	Pre-requisites	Co-requisites	Preclusions
RB3201	Sensors and Actuators for Robots	4		James Surjadi Subramaniam V.	-	-	-
RB4107	Robotics and Machine Intelligence Design Project	4	James Surjadi (Coord.)		-	-	-
RB4301	ROBOT LEARNING	4		Peter Chen Armin Lederer (ECE)	One of (EE2211/EE2213) and one of (RB2203/ EE2023/CG2023 /ME2142/ME3142/	-	-