

Sem	Course Code	Course Description	Faculty Name
1	EG1001	Engineers in Society	Heng Kok Hui, John Gerard
1	EG1001	Engineers in Society	Lim Yeow Khee*
1	EG2810	Mathematics A	Shu Jian Jun
1	EG5003	Product Development Challenge	Heng Kok Hui, John Gerard
1	FE1073	An Introduction to Engineering and Practices	Sridhar Idapalapati
1	MA0218	Introduction to Data Science and Artificial Intelligence	Mohamed Arif Bin Mohamed
1	MA1001	Dynamics	Liu Shukui
1	MA1008	Introduction to Computational Thinking	Lee Yong Tsui*
1	MA1601	Introduction to Robotics	Ang Wei Tech
1	MA2001	Mechanics of Materials	Chou Siaw Meng
1	MA2002	Theory of Mechanism	Zhong Zhaowei*
1	MA2003	Introduction to Thermo-fluids	Marcos
1	MA2005	Engineering Graphics	Shen Xinhui
1	MA2006	Engineering Mathematics	Xiao Zhongmin
1	MA2007	Thermodynamics	Ng Yin Kwee
1	MA2009	Intro to Electrical Circuits & Electronic Devices	Domenico Campolo
1	MA2011	Mechatronics System Interfacing	Cai Yiyu
1	MA2014	Product Presentation	Chen Chun-Hsien
1	MA2024	Engineering Materials & Manufacturing Processes	Zhou Wei
1	MA2071	Laboratory Experiments (ME)	Wu Mao See
1	MA2072	Laboratory Experiments (AE)	Chai Gin Boay
1	MA2701	Flight Performance	Sellakkutti Rajendran
1	MA3001	Machine Element Design	Aw Kuan Thai (Hu Guantai)*
1	MA3002	Solid Mechanics and Vibration	Sellakkutti Rajendran
1	MA3003	Heat Transfer	Wong Teck Neng
1	MA3004	Mathematical Methods in Engineering	Ang Whye Teong
1	MA3005	Control Theory / MA3705 Aerospace Control Theory	Lum Guo Zhan
1	MA3006	Fluid Mechanics	Shen Xinhui
1	MA3010	Thermodynamics & Heat Transfer	Hou Han Wei
1	MA3071	Engineering Experiments (ME)	Shu Jian Jun
1	MA3072	Engineering Experiments (AE)	Chai Gin Boay
1	MA3700	Aircraft Structures I	Chai Gin Boay
1	MA3701	Aerodynamics	New Tze How, Daniel
1	MA3702	Aircraft Propulsion	Alessandro Romagnoli
1	MA3703	Flight Dynamics	Mir Feroskhan
1	MA3704	Aircraft Electrical Devices	Wang Yifan
1	MA4001	Engineering Design	Ang Hock Eng*
1	MA4002	Fluid Dynamics	Tuan TRAN
1	MA4011	Engineering Product Design	Chen Chun-Hsien
1	MA4012	Mechatronics Engineering Design	Heng Kok Hui, John Gerard
1	MA4013	Manufacturing Engineering Design	Lai Changquan
1	MA4701	Aircraft Design	Chow Wai Tuck
1	MA4702	Aircraft Structures II	Ng Teng Yong
1	MA4704	Aeroelasticity	Ng Bing Feng
1	MA4705	Aircraft Navigation & Flight Computers	Lim Yeow Khee*
1	MA4804	Optimization Theory and Applications	Tai Kang

1	MA4811	Psychrometry & Air Conditioning	Anutosh Chakraborty
1	MA4814	Computational Fluid Dynamics	Mohamed Arif Bin Mohamed
1	MA4822	Measurements and Sensing Systems	Xie Ming
1	MA4825	Robotics	Xie Ming
1	MA4832	Microprocessor Systems	Xie Ming
1	MA4842	Engineering Metrology and Materials Characterization	Murukeshan Vadakke Matham
1	MA4849	Operations Research	Lye Sun Woh
1	MA4856	Naval Architecture & Marine Engineering	Ang Hock Eng*
1	MA4858	Product Design	Chen Chun-Hsien
1	MA4881	Air Traffic Management	Sameer Alam
1	MA4882	Advanced Manufacturing and Materials Processing	Hortense Le Ferrand
1	MA4884	Systems Thinking & Systems Engineering	Felix Lena Stephanie
1	MA4890	Autonomous Driving	Lyu Chen
1	MA5007	Integrated Design and Practice	Li King Ho, Holden