

Sem	Course Code	Course Description	Faculty Name
2	EG1001	Engineers in Society	Lim Yeow Khee
2	MA0218	Introduction to Data Science and Artificial Intelligence	Mohamed Arif Bin Mohamed
2	MA0303	Human Resource Management	Chen Songlin
2	MA1001	Dynamics	Yap Fook Fah
2	MA1008	Introduction to Computational Thinking	Lee Yong Tsui*
2	MA1700	Aerospace Discovery Course	Ng Bing Feng
2	MA2001	Mechanics of Materials	Chou Siaw Meng
2	MA2002	Theory of Mechanism	Yeo Song Huat
2	MA2003	Introduction to Thermo-fluids	Huang Changjin
2	MA2005	Engineering Graphics	Shen Xinhui
2	MA2006	Engineering Mathematics	Xiao Zhongmin
2	MA2007	Thermodynamics	Fei Duan
2	MA2009	Intro to Electrical Circuits & Electronic Devices / MA5705 Aircraft Electrical &	Li Hong
2	MA2011	Mechatronics System Interfacing	Cai Yiyu
2	MA2013	Creative Thinking Design	Moon Seung Ki
2	MA2024	Engineering Materials & Manufacturing Processes	Su Pei-Chen
2	MA2071	Laboratory Experiments (ME)	Wu Mao See
2	MA2079	Engineering Innovation and Design	Chou Siaw Meng
2	MA2700	Aerospace Materials & Manufacturing Processes	Chow Wai Tuck
2	MA3001	Machine Element Design	Li King Ho, Holden
2	MA3002	Solid Mechanics and Vibration	Wu Mao See
2	MA3003	Heat Transfer	Leong Kai Choong
2	MA3004	Mathematical Methods in Engineering	Ang Whye Teong
2	MA3005	Control Theory / MA3705 Aerospace Control Theory	Lum Guo Zhan
2	MA3006	Fluid Mechanics	Liu Shukui
2	MA3071	Engineering Experiments (ME)	Shu Jian Jun
2	MA4001	Engineering Design	Ang Hock Eng
2	MA4002	Fluid Dynamics	Tuan TRAN
2	MA4012	Mechatronics Engineering Design	Heng Kok Hui, John Gerard
2	MA4807	Marine Structural Integrity	Huang Weimin
2	MA4808	Marine Control Systems	Ang Hock Eng
2	MA4813	Building Services Engineering	Wan Man Pun
2	MA4819	Energy Technologies for Sustainability	Sridhar Idapalapati
2	MA4825	Robotics	Xie Ming
2	MA4829	Machine Intelligence	Moon Seung Ki
2	MA4830	Realtime Software for Mechatronic Systems	Seet Gim Lee, Gerald*
2	MA4831	Computer-aided Engineering	Cai Yiyu
2	MA4843	Management of Product Development	Moon Seung Ki
2	MA4845	Additive Manufacturing in Industry 4.0	Leong Kah Fai
2	MA4846	Product Design Engineering	Lee Siang Guan, Stephen*
2	MA4853	Manufacturing Systems	Li Dong
2	MA4854	Quality Assurance and Management	Goh Thong Ngee*
2	MA4870	Mechanics of Composite Materials	Chai Gin Boay
2	MA4871	Non-Destructive Testing	Fan Zheng, David
2	MA4872	Aircraft Reliability & Maintainability	Goh Thong Ngee*
2	MA4878	Unmanned Aerial Vehicles	Mir Feroskhan
2	MA4880	Airport Operations & Systems	Sameer Alam
2	MA4890	Autonomous Driving	Lyu Chen
2	MA4891	AI/ML to Engineering Applications	Lum Guo Zhan
2	MA5006	Start from Zero to Millions - Venture Capital	Heng Kok Hui, John Gerard
2	MA5105	Engineering Management Analysis	Chen Songlin