

| Sem | Course Code | Course Description | Faculty Name |
|-----|-------------|--|---------------------------|
| 1 | EG0001 | Engineers and Society | Lim Yeow Khee |
| 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 | 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 / MA5705 Aircraft Electrical & | Li Hong |
| 1 | MA2012 | Introduction to Mechatronics Systems Design | Ang Wei Tech |
| 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 | Hoon Kay Hiang |
| 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 | Chan Weng Kong |
| 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 | Lyu, Chen |
| 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 | 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 | Chan Wai Lee |
| 1 | MA4822 | Measurements and Sensing Systems | Xie Ming |
| 1 | MA4825 | Robotics | Xie Ming |
| 1 | MA4832 | Microprocessor Systems | Xie Ming |
| 1 | MA4842 | Engineering Metrology | Murukeshan Vadakke Matham |
| 1 | MA4849 | Operations Research | Lye Sun Woh |
| 1 | MA4850 | Supply Chain & Logistics Management | Rajesh Piplani |
| 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 | MA5005 | Start Up: Getting from Zero to Millions | Heng Kok Hui, John Gerard |