

MASTER OF ENGINEERING (HONOURS) MECHANICAL

Awarded by Teesside University, UK

No.	Module	Lecturer	Highest Qualification	University	Full-time / Part-time
1.	Aerodynamics	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
2.	Aeroengines and Rocket Science	Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
		Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
3.	Applied Dynamics	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
4.	Calculus	Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
5.	Continuum Mechanics	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT

6.	Dynamic Analysis	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
7.	Electrical Principles	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Deepthi Yerrama Reddy	Master of Technology in Electrical Power Engineering	Jawaharlal Nehru Technological University	PT
8.	Employment Skills for Engineers	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Rimington Roy Victor James	Doctor of Philosophy	University of Keele	PT
		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
9.	Engineering Design and CAD	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
10.	Engineering Mathematics	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
11.	Fluid Mechanics	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT

12.	Group Design and Build Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
13.	Group Design Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
14.	Industrial Related Group Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
15.	Integrated Masters Engineering Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
16.	Integrated Masters Engineering Research Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
17.	Interdisciplinary Group Project	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
18.	Leadership and Entrepreneurship	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Rimington Roy Victor James	Doctor of Philosophy	University of Keele	PT
		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
19.	Management Skills for Engineers	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT

		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
20.	Manufacturing Processes	Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
21.	Manufacturing Systems	Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
22.	Mechanics of Materials 1	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
		Ng Kok Hong (huang Guofeng)	Master of Science (Mechanical Engineering)	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT

23.	Mechanics of Materials 2	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
		Ng Kok Hong (huang Guofeng)	Master of Science (Mechanical Engineering)	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
24.	Numerical Methods for Engineers	Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
25.	Product and Assembly Design Modelling	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
26.	Product Design Management	Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
27.	Professional Skills for Mechanical Engineers	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Rimington Roy Victor James	Doctor of Philosophy	University of Keele	PT
		Dr. Siew Ngung Chia	Doctor of Business Administration	The University of Newcastle	PT
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	PT

28.	Properties of Materials	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
29.	Quality and Supply Chain Management (MEng)	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT
		Kum Yee Lum (Gan Yulin)	Master of Science (Environmental Engineering)	Nanyang Technological University	PT
		Ng Mun Seng (Wu Minsheng)	Master of Science (Industrial and Systems Engineering)	National University of Singapore	PT
30.	Structural Mechanics	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Dr. Yew Yong Kin	Doctor of Philosophy	National University of Singapore	FT
		Ng Kok Hong (huang Guofeng)	Master of Science (Mechanical Engineering)	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of Mechanical Engineering	National University of Singapore	PT
31.	Thermodynamics	Dr. Kang Kok Hin	Doctor of Philosophy	National University of Singapore	PT
		Dr. Raj Kamal S/O Abdul Rasheed	Doctor of Philosophy	Nanyang Technological University	PT
		Wong Yuen Siang	Degree of Master of Science of	National University of Singapore	PT

			Mechanical Engineering		
		Koh Thong Boon (Xu Tongwen)	Master of Engineering	Nanyang Technological University	PT