

MASTER OF ENGINEERING (HONOURS) ELECTRONIC AND ELECTRICAL

Awarded by Teesside University, UK

No.	Module	Lecturer	Highest Qualification	University	Full-time / Part-time
1.	Analogue and Digital Communications Principles	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Cheng Too Kee	Master of Engineering	National University of Singapore	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
2.	Calculus	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
3.	Digital Electronics and Programme Logic Controllers	Tan Thye Lye	Master of Science in Microelectronics	University of Newcastle Upon Tyne	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
		Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
4.	Digital Electronics Design and Implementation	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Cheng Too Kee	Master of Engineering	National University of Singapore	PT
		Tan Thye Lye	Master of Science in Microelectronics	University of Newcastle Upon Tyne	PT
5.	Electric Drive Systems	Deepthi Yerrama Reddy	Master of Technology in Electrical Power Engineering	Jawaharlal Nehru Technological University	PT
		Zhang Zhuomin	Master of Science (Electrical Engineering)	National University of Singapore	PT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT

		Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
6.	Electrical and Electronic Principles	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT
		Tan Thye Lye	Master of Science in Microelectronics	University of Newcastle Upon Tyne	PT
7.	Electrical Engineering	Deepthi Yerrama Reddy	Master of Technology in Electrical Power Engineering	Jawaharlal Nehru Technological University	PT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT
		Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
		Zhang Zhuomin	Master of Science (Electrical Engineering)	National University of Singapore	PT
8.	Electrical Engineering Design and Implementation	Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
		Zhang Zhuomin	Master of Science (Electrical Engineering)	National University of Singapore	PT
		Deepthi Yerrama Reddy	Master of Technology in Electrical Power Engineering	Jawaharlal Nehru Technological University	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
9.	Electrical Machines	Deepthi Yerrama Reddy	Master of Technology in Electrical Power Engineering	Jawaharlal Nehru Technological University	PT

		Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT
		Zhang Zhuomin	Master of Science (Electrical Engineering)	National University of Singapore	PT
10.	Electronics	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Ho Chong Chye (He Zhongcai)	Master of Science (Electronics)	Nanyang Technological University	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
11.	Electronics and Networks	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		David Leong Tuk Wai	Master of Engineering with Honours in Electronic Engineering Class II Division II	University of Exeter	PT
		Ho Chong Chye (He Zhongcai)	Master of Science (Electronics)	Nanyang Technological University	PT
12.	Embedded Systems	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Ho Chong Chye (He Zhongcai)	Master of Science (Electronics)	Nanyang Technological University	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
13.	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
14.	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
15.	Engineering Mathematics	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT
16.	Group Design Project CE	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
17.	Industrial Related Group Project	Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
18.	Integrated Masters Engineering Project	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
19.	Integrated Masters Engineering Research Project	Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
		Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
20.	Laplace Transforms	Dr. Tan Kim Piew (Chen Jinbiao)	Doctor of Philosophy	The University of Sheffield	FT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT

		Ho Chong Chye (He Zhongcai)	Master of Science (Electronics)	Nanyang Technological University	PT
21.	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
22.	Linear Systems and Control	Cheng Too Kee	Master of Engineering	National University of Singapore	PT
		Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Ho Chong Chye (He Zhongcai)	Master of Science (Electronics)	Nanyang Technological University	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
23.	Management 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
24.	Mathematics for Instrumentation and Electrical Engineers	Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT
		David Leong Tuk Wai	Master of Engineering with Honours in Electronic Engineering Class II Division II	University of Exeter	PT
		Ho Chong Chye (He Zhongcai)	Master of Science (Electronics)	Nanyang Technological University	PT

		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
25.	Physics and Instrumentation	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
26.	Power Electronics	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Cheng Too Kee	Master of Engineering	National University of Singapore	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT
27.	Power Systems	Dr. Deepak Laxmanrao Waikar	Doctor of Philosophy	National University of Singapore	PT
		Deepthi Yerrama Reddy	Master of Technology in Electrical Power Engineering	Jawaharlal Nehru Technological University	PT
		Anthony Yee Kum Choon	Master of Engineering in Engineering and Technology Management	University of South Australia	PT
		Zhang Zhuomin	Master of Science (Electrical Engineering)	National University of Singapore	PT
28.	Professional Skills for Electrical and Electronic Engineering	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
29.	Properties of Materials	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

30.	Quality and Supply Chain Management (MEng)	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
31.	Signal Conditioning and Data Processing	Dr. Lum Kum Meng (Lin Jinming)	Doctor of Philosophy in Electronic Engineering	University of Surrey	PT
		Ho Chong Chye (He Zhongcai)	Master of Science (Electronics)	Nanyang Technological University	PT
		Lim Tiong (Lin Zhong)	Master of Science (Electrical Engineering)	National University of Singapore	PT