

MMPH6124 Basic Medical Bioengineering (Semester 1)

Course Content Every Wednesday from September to December 2019

<u>Lecture time & date</u>	<u>Topic</u>	<u>Lecturers</u>
9:30 -11:30 am September 18, 2019	1) Biomechanics of Bone; and 2) Materials Properties and force measurement. 3) Concepts of loads & MTS Lab	Prof. William W Lu Mr. Stephen Chan (Lab)
9:30 -11:30 am September 25, 2019	Ultrafast functional ultrasound imaging	Dr. Wei-Ning Lee Faculty of Eng
9:30-11:30 am October 2, 2019	Brain stimulation and neural modulation	Dr Lee Wei Lim
9:30-11:30 am October 9, 2019	Clinical Neuroelectrophysiology, instruments and measurement	Dr Yong Hu
9:30-11:30 am October 23, 2019	Tissue engineering	Prof Barbara Chan Faculty of Eng
9:30-11:30 am October 30, 2019	Biomaterials for clinical application.	Dr. Kelvin Yeung
9:30-11:30 am November 6, 2019	Bone fracture & remodeling	Dr. Kelvin Yeung
9:30-11:30 am November 13, 2019	High field MRI technology	Prof ED Wu Faculty of Eng
9:30-11:30 am November 20, 2019	1 Stem cell for tissue engineering 2 Soft tissue Engineering	Dr. Victor Leung
9:30-11:30 am November 27, 2019	Biomedical Instrumentation and Technology	Dr. Zhiqin Chu Faculty of Eng
9:30-11:30 am December 4, 2019	Advanced optical bioimaging technologies.	Dr Kevin Tsia Faculty of Eng
	Mini Project	

29 Jul 2019