

THE UNIVERSITY OF HONG KONG  
FACULTY OF ENGINEERING

Timetable for 2024-25 MSc(Eng): Second Semester

MSc(Eng)

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Civil Engineering	<p>CIVL6062 Special topic in environmental engineering B: Carbon neutral engineering</p> <p>Instructor(s): Ir CF Lam</p> <p>Room: LE8 7pm - 9:30pm</p>	<p>CIVL6003 Advanced reinforced concrete structure design</p> <p>Instructor(s): Dr RKL Su / Dr WH Siu</p> <p>Room: KKLG104 7pm - 9:30pm</p>	<p>CIVL6081 Recent advances in water and environmental engineering: Coastal Dynamics and Engineering Design</p> <p>Instructor(s): Prof O Wai</p> <p>Room: KKLG111 2:30pm - 5pm</p>	<p>CIVL6046 Theory of traffic flow</p> <p>Instructor(s): Prof SC Wong</p> <p>Room: KKLG101 7pm - 9:30pm</p>	<p>CIVL6028 Ground improvement</p> <p>Instructor(s): Dr CY Kwok / Dr D Lee / Dr DOK Lo</p> <p>Room: KKLG104 7pm - 9:30pm</p>	
	<p>CIVL6079 Slope engineering</p> <p>Instructor(s): Dr CE Choi / Ir K Ho / Dr JSH Kwan / Dr RWM Yan</p> <p>Room: KKLG102 7pm - 9:30pm</p>	<p>CIVL6009 Building planning and control</p> <p>Instructor(s): Ir CT Kwok / Dr JWC Sze / Ir RWM Tang / Ir K Wong</p> <p>Room: LE6 7pm - 9:30pm</p>	<p>CIVL6027 Foundation engineering</p> <p>Instructor(s): Prof J Yang / Dr JSH Kwan</p> <p>Room: LE8 7pm - 9:30pm</p>	<p>CIVL6053 Wind engineering</p> <p>Instructor(s): Dr XW Deng / Dr N Yu</p> <p>Room: LE3 7pm - 9:30pm</p>	<p>CIVL6080 Fire engineering design of structures</p> <p>Instructor(s): Dr XG Wang</p> <p>Room: LE3 7pm - 9:30pm</p>	
	<p>CIVL7018 Data science for civil engineering</p> <p>Instructor(s): Dr JT Ke</p> <p>Room: KB132 7pm - 9:30pm</p>		<p>CIVL6058 Management of infrastructure megaprojects</p> <p>Instructor(s): Prof SYS Chan / Prof MM Kumaraswamy / Ir MCL Leung / Prof MY Tang</p> <p>Room: TT404 7pm - 9:30pm</p>	<p>CIVL7007 Building information modelling (BIM): Theories, development and application</p> <p>Instructor(s): Dr CCY Leung / Mr DKW Au / Ir OMK Lee / Ir KSF Mao</p> <p>Room: KK101 7pm - 9:30pm</p>	<p>CIVL7006 Optimization techniques for transportation applications</p> <p>Instructor(s): Prof WY Szeto</p> <p>Room: KKLG102 7pm - 9:30pm</p>	

Second Semester

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Civil Engineering	CIVL7020 Advanced prestressed concrete  Instructor(s): Dr CCY Leung / Prof FTK Au  Room: LE3  7pm - 9:30pm		CIVL6063 Special topic in structural engineering A: Durability design of concrete structures  Instructor(s): Dr HL Ye  Room: KKLG104  7pm - 9:30pm			

Second Semester

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Electrical and Electronic Engineering	<p>ELEC6095 Smart grid (Subclass A)</p> <p>Instructor(s): Dr. K.H. Lam / Dr. J. Zhong</p> <p>Room: Online</p> <p>9:30am - 12:30pm</p>					<p>ELEC7012 Power systems practicum</p> <p>Instructor(s): Ir Prof. F.C. Chan</p> <p>Room: MB121</p> <p>9am - 11:30am</p>
	<p>ELEC7466 Advanced topics in power system engineering (Metropolitan mass transit transportation) (Subclass A)</p> <p>Instructor(s): Ir C.L. Leung / Ir W.K. Lee / Dr. A.H.C. Wu</p> <p>Room: CYCC501 MON 11:30am - 12:30pm</p> <p><u>AND</u></p> <p>THU 10:30am - 12:30pm</p>			<p>ELEC7466 Advanced topics in power system engineering (Metropolitan mass transit transportation) (Subclass A)</p> <p>Instructor(s): Ir C.L. Leung / Ir W.K. Lee / Dr. A.H.C. Wu</p> <p>Room: CYCC501 THU 10:30am - 12:30pm</p> <p><u>AND</u></p> <p>MON 11:30am - 12:30pm</p>		
						<p>ELEC7466 Advanced topics in power system engineering (Planning and stability of power grid) (Subclass B)</p> <p>Instructor(s): Ir Dr. E.W.C. Lo</p> <p>Room: KB132</p> <p>1pm - 4pm</p>

Second Semester

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Electrical and Electronic Engineering						ELEC6098 Electronic and mobile commerce (Subclass D)  Instructor(s): Mr. C.W. Cheung  Room: KK101  1pm - 4pm
	ELEC7043 Digital image processing and computer vision  Instructor(s): Dr. X. Qi  Room: WLGH  2:30pm - 5:30pm		ELEC6099 Wireless communications and networking  Instructor(s): Dr. Q. Zeng  Room: LE5 WED 2:30pm - 4:30pm  <u>AND</u>  Reading week: 12.03.2025 WED 10:30am - 12:30pm & 2:30pm - 4:30pm			ELEC7023 Capstone Workshop (Programming) (Subclass M)  Instructor(s): Mr. H.H. Au-Yeung  Room: LE9  2:30pm - 5:30pm (15.02.2025, 22.02.2025, 01.03.2025, 08.03.2025, 22.03.2025, 29.03.2025)
				ELEC6026 Digital signal processing  Instructor(s): Prof. S.C. Chan  <u>Lessons in Jan - Mar</u> Room: LE4  <u>Lessons in Apr</u> Room: CPD-3.29  3:30pm - 6pm		

Second Semester

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Electrical and Electronic Engineering		<p>ELEC7083 Distributed systems</p> <p>Instructor(s): Dr. E.C.H. Ngai</p> <p>Room: KKLG109</p> <p>4:30pm - 7pm</p>				
	<p>ELEC7023 Capstone Workshop (Edge computing device programming for AI projects) (Subclass L)</p> <p>Instructor(s): Dr. W.W.T. Fok / Ms. Carol Chen</p> <p>Room: CPD-3.41</p> <p>6:30pm - 9:30pm (10.02.2025, 17.02.2025, 24.02.2025, 03.03.2025, 17.03.2025)</p>	<p>ELEC7051 Advanced topics in communication theory and systems (Advanced satellite engineering and new space economy) (Subclass A)</p> <p>Instructor(s): Dr. J.C.W. Lam</p> <p>Room: LE2</p> <p>7pm - 9:30pm</p>	<p>ELEC6008 Pattern recognition and machine learning</p> <p>Instructor(s): Dr. V.C.H. Ho</p> <p>Room: KK202</p> <p>7pm - 9:30pm</p>	<p>ELEC7023 Capstone Workshop (Power Systems) (Subclass N)</p> <p>Instructor(s): Dr. Y. Hou</p> <p>Room: KK201</p> <p>7pm - 10pm (13.02.2025, 20.02.2025, 27.02.2025, 06.03.2025, 20.03.2025, 27.03.2025)</p>	<p>ELEC6095 Smart grid (Subclass B)</p> <p>Instructor(s): Dr. K.H. Lam / Dr. J. Zhong</p> <p>Room: CPD-LG.18</p> <p>7pm - 10pm</p>	
	<p>ELEC6098 Electronic and mobile commerce (Subclass B)</p> <p>Instructor(s): Mr. C.W. Cheung</p> <p>Room: KK101</p> <p>7pm - 10pm</p>	<p>ELEC7078 Advanced topics in electrical and electronic engineering (Human-Computer Interaction)</p> <p>Instructor(s): Dr. V.W.L. Tam</p> <p>Room: KK201</p> <p>7pm - 9:30pm</p>	<p>ELEC6049 Digital system design techniques</p> <p>Instructor(s): Prof. H. Wang</p> <p>Room: KK201</p> <p>7pm - 9:30pm</p>	<p>ELEC6027 Integrated circuit systems design</p> <p>Instructor(s): Dr. A.T.L. Lee</p> <p>Room: CPD-LG.18</p> <p>7pm - 9:30pm</p>	<p>ELEC6098 Electronic and mobile commerce (Subclass C)</p> <p>Instructor(s): Mr. C.W. Cheung</p> <p>Room: LE9</p> <p>7pm - 10pm</p>	

**Second Semester**

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Electrical and Electronic Engineering	<p>ELEC7055 Power distributed systems</p> <p>Instructor(s): Ir B.K. Mak</p> <p>Room: KK201</p> <p>7pm - 9:30pm</p>	<p>ELEC7408 Power, control and signalling facilities for high-speed trains</p> <p>Instructor(s): Ir C.L. Leung/ Dr. A.H.C. Wu</p> <p>Room: MB122</p> <p>7pm - 9:30pm</p>	<p>ELEC7082 Artificial Intelligence in finance (Subclass A)</p> <p>Instructor(s): Prof. E.P.K. Tsang</p> <p>Room: Online</p> <p>7pm - 10pm</p>	<p>ELEC7014 Building information modelling for E&amp;M engineers</p> <p>Instructor(s): Ir K.F. Chan / Dr. G.C.K. Wong</p> <p>Room: KB132</p> <p>7pm - 9:30pm</p>	<p>ELEC7082 Artificial Intelligence in finance (Subclass C)</p> <p>Instructor(s): Prof. E.P.K. Tsang</p> <p>Room: Online</p> <p>7pm - 10pm</p>	
				<p>ELEC7456 Advanced power system operation</p> <p>Instructor(s): Dr. W.C. Lo / Ir G.L. Chan</p> <p>Room: KB132</p> <p>7pm - 10pm</p>	<p>ELEC7082 Artificial Intelligence in finance (Subclass B)</p> <p>Instructor(s): Prof. E.P.K. Tsang</p> <p>Room: Online</p> <p>7pm - 10pm</p>	

Second Semester

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Energy Engineering						EMEE7003 Capstone Workshop (RE Simulations) (Subclass C)  Instructor(s): Dr. K.H. Lam  Room: CB-LG205  9am - 11:30am (25.01.2025, 08.02.2025, 15.02.2025, 22.02.2025, 01.03.2025, 08.03.2025)
		EMEE6002 Sustainability and climate change  Instructor(s): Dr. W.W.T. Fok / Dr. A.T.L. Lee  Room: LE1 TUE 4:30pm - 7pm  <u>AND</u>  Reading week: 11.03.2025 TUE 10:00am - 12:30pm & 2:30pm - 5pm				
	EMEE6010 Electricity quality and energy efficiency  Instructor(s): Dr. K.H. Lam  Room: CPD-2.58  7pm - 9:30pm	EMEE6004 Energy conservation and management  Instructor(s): Dr. M.W.L. Ko  Room: CPD-LG.10  7pm - 9:30pm		EMEE6006 Renewable energy technology II: Advanced  Instructor(s): Dr. D.M. Shin / Dr. P.C.Y. Chow  Room: CPD-LG.10  7pm - 9:30pm		

**Second Semester**

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY		SATURDAY
Industrial Engineering and Logistics Management	IMSE7902 Project management  Instructor(s): Mr. Bill Chan  Room: HW103 9:30am - 12:30pm	IMSE7137 Virtual reality for systems engineering  Instructor(s): Dr. LKY Chan  Room: HW103 10am - 1pm	IMSE7111 Data-driven optimization  Instructor(s): Prof. JY Li  Room: CBC 9:30am - 12:30pm	IMSE7020 Supply chain management  Instructor(s): Dr. JWC Ng  Room: HW103 9:30am - 12:30pm	IMSE7034 Operational research  Instructor(s): Prof. Y Cheng  Room: LE5 9:30am - 12:30pm		IMSE7140 Machine learning and applications  Instructor(s): Dr SJ Qin  Room: KK202 10am - 1pm
			IMSE7119 Digital enterprises and e-Commerce  Instructor(s): Dr. SH Choi  Room: HW103 1:30pm - 4:30pm	IMSE7222 Global logistics and transportation systems  Instructor(s): Prof. FN Zhang  Room: MWT3 3:30pm - 6:30pm			IMSE7251 Fundamentals of law for logistics (Subclass B)  Instructor(s): Mr. D Meyer  Room: KK202 2:30pm - 5:30pm
	IMSE7337 / IMSE4137 Operational risk management  Instructor(s): Prof. Y Cheng  Room: KKL109 7pm - 10pm	IMSE7251 Fundamentals of law for logistics (Subclass A)  Instructor(s): Mr. D Meyer  Room: KK101 7pm - 10pm	IMSE7909 Quality management  Instructor(s): Mr. Bill Chan  Room: KK101 7pm - 10pm	IMSE7151 Frontiers in industrial engineering and logistics management B  Instructor(s): Prof HP Chen  Room: HW103 & HW103M 7pm - 10pm	IMSE7015 Engineering economics and finance  Instructor(s): Mr. Wilson Chow  Room: KK101 7pm - 10pm	IMSE7153 Frontiers in industrial engineering and logistics management D (new) (Subject to approval)  Instructor(s): Mr. N Xu  Room: LE2 7pm - 10pm	



Timetable for 2024-25 MSc(Eng): June 10, 2025 to Jul 15, 2025 (Intensive Course)

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Industrial Engineering and Logistics Management		IMSE7505# Intelligent transportation and autonomous driving (new) (Subject to approval)  Instructor(s): Prof. C. Sun  Room: TBC  <b>2:30pm-5:30pm</b>  <b>June 10, 2025</b> <b>June 17, 2025</b> <b>June 24, 2025</b> <b>July 8, 2025</b> <b>July 15, 2025</b>		IMSE7505# Intelligent transportation and autonomous driving (new) (Subject to approval)  Instructor(s): Prof. C. Sun  Room: TBC  <b>2:30pm-5:30pm</b>  <b>June 12, 2025</b> <b>June 19, 2025</b> <b>June 26, 2025</b> <b>July 3, 2025</b> <b>July 10, 2025</b>			

**The add/ drop period is the first 2 lessons of this course.**

# **Examination (2 hours): August 11, 2025 (Monday), 2:30pm-4:30pm.**  
(Note: The examination results of IMSE7505 will be released together with all other courses to be offered in the Summer Semester).

Second Semester

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Building Services Engineering						MEBS6003 Project management  Instructor(s): Ir K.F. Chan, Ir C.S. Ho  Room: CPD2.58  2:30 pm – 5pm
	MEBS7013 Fire Service Installations  Instructor(s): Dr. C. Ng.  Room: CPD1.21 7pm-10pm	MEBS7010 Vertical Transportation and Drive  Instructor(s): Dr. Albert So  Room: CPD2.58 7pm-10pm	MEBS6000 Utility services  Instructor(s): Dr. S.C.M. Hui  Room: CPD2.58 7pm-10pm	MEBS6016 Energy performance of buildings  Instructor(s): Dr. M.W.H. Ching  Room: CPD2.58 7pm-10pm	MEBS7014 Advanced HVAC Applications  Instructor(s): Dr. S.C.M. Hui  Room: CPD1.21 7pm-10pm	MEBS6023 Dissertation (Sub-class C)  Instructor(s): Dr. B.P.L. Ho  Room: Various 7pm-10pm
			MEBS6001 Electrical installations subclass B  Instructor(s): Dr. A Lee  Room: MWT6 (124)  7pm-10pm			

Second Semester

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Innovative Design and Technology	IDAT7216 Function Design, aesthetics design, manufacturing and intellectual property law  Instructor(s): Dr. Z. Ali  Room: KK102  7 pm – 9:30 pm	IDAT7213 UAV design, navigation and control  Instructor(s): Prof. P. Lu, Prof. Fu Zhang  Room: KK202  7 pm – 9:30 pm		IDAT7215 Computer programming for product development and applications  Instructor(s): Dr. Z. Ali  Room: KK202  7 pm – 9:30 pm	TDLL6333 Mobile and ubiquitous technology in education  Instructor(s): Mr Raymond Tsang  Room: Room 205, Runme Shaw Building  6:30 pm – 9:30 pm	IDAT7220 STEM education  Instructor(s): Mr. Donn Gonda  Room: KK102  10:30 am – 1 pm	
	TDLL7349 Data science and learning analytics - Subclass B  Instructor(s): Prof. Xiao Hu  Room: Room 206, Runme Shaw Building  6:30 pm – 9:30 pm	MEDD8860 Emerging technologies in STEM education - Subclass B  Instructor(s): Dr K Y Khoo  Room: Room 408-410, Meng Wah Complex  6 pm – 9 pm					
	URBA6002 Urban Big Data Analytics  Instructor(s): Prof. Jun Ma, Prof. Zhan Zhao  Room: KB419  2:30 pm – 4:30 pm (20.01.2025 – 3.03.2025)		URBA6002 Urban Big Data Analytics  Instructor(s): Prof. Jun Ma, Prof. Zhan Zhao  Room: KB419  2:30 pm – 4:30 pm (22.01.2025 – 26.02.2025 and 12.03.2025)				

**Second Semester**

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Innovative Design and Technology	URBA6009 Artificial Intelligence for Future Cities  Instructor(s): Prof. Jun Ma, Prof. Zhan Zhao  Room: KB419  2:30 pm – 4:30 pm (17.03.2025 – 21.04.2025)		URBA6009 Artificial Intelligence for Future Cities  Instructor(s): Prof. Jun Ma, Prof. Zhan Zhao  Room: KB419  2:30 pm – 4:30 pm (19.03.2025 – 23.04.2025 and 7.05.2025)			

**Second Semester**

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Mechanical Engineering		MECH6010 Service behaviour of materials  Instructor(s): Prof. Yue Chen, Prof. Y. Lu  Room: MWT3  4:30 pm – 7pm				MECH7016 Railway Project Management  Instructor(s): Prof. K. M. Leung, Mr. Andy Pang  Room: LE4  10am – 12:30 pm
						MECH7015 Rail Accident Investigation and Derailment  Instructor(s): Prof. K. M. Leung  Room: CPD3.28  2:30 pm – 5pm
	MECH6045 Nanotechnology: fundamentals and applications  Instructor(s): Prof. W.D. Li, Dr. Wen Tongqi  Room: CPD-LG.10  7 pm – 9:30 pm	MECH6046 Microsystems for energy, biomedical and consumer electronics applications  Instructor(s): Prof. Dong-Myeong Shin, Prof. Lizhi Xu  Room: MB217  7 pm – 9:30 pm	MECH7011 Applied thermodynamics and power plant technology  Instructor(s): Dr. M.W.H. Ching  Room: CPD-LG.18  7pm – 9:30 pm		MECH7010 Contemporary robotics  Instructor(s): Prof. Y.H. Chen, Prof. Fu Zhang  Room: CYCC501  7pm – 9:30 pm	

**Second Semester**

Curriculum	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Microelectronics Science and Technology	<p>MECH6045 Nanotechnology: fundamentals and applications</p> <p>Instructor(s): Prof. W.D. Li, Dr. Wen Tongqi</p> <p>Room: CPD-LG.10</p> <p>7 pm – 9:30 pm</p>	<p>MECH6046 Microsystems for energy, biomedical and consumer electronics applications</p> <p>Instructor(s): Prof. Dong-Myeong Shin, Prof. Lizhi Xu</p> <p>Room: MB217</p> <p>7 pm – 9:30 pm</p>	<p>MEST7413 Semiconductor devices</p> <p>Instructor(s): Dr. Junqiu Zhang</p> <p>Room: KK102</p> <p>7 pm – 9:30 pm</p>		<p>MEST7414 Advanced micro/nanofabrication</p> <p>Instructor(s): Prof. W.D. Li</p> <p>Room: KK201</p> <p>7 pm – 9:30 pm</p>	<p>MEST7416 Advanced topics in microelectronics technologies</p> <p>Instructor(s): Dr. Cuiping Zhang</p> <p>Room: LE9</p> <p>10:30 am – 1 pm</p>

DATES OF SEMESTER FOR THE FACULTY OF ENGINEERING	SEMESTER	SEMESTER DATES	TEACHING PERIOD
	Firsts	02.09.2024-23.12.2024	02.09.2024-30.11.2024
	Second	20.01.2025-27.05.2025	20.01.2025-03.05.2025
	Summer	09.06.2025-16.08.2025	09.06.2025-02.08.2025

NOTATIONS:

CB	=	Chow Yei Ching Building
CPD	=	Central Podium Levels (Centennial Campus)
CYP	=	Chong Yuet Ming Physics Building
EH	=	Eliot Hall
GH	=	Graduate House
HW	=	Haking Wong Building
KK	=	K.K. Leung Building
JL	=	James Hosing Lee Science Building
LE	=	Library Extension Building
MB	=	Main Building
MW	=	Meng Wah Complex
TT	=	T. T. Tsui Building

NOTE: All classes will be suspended during the Chinese New Year holiday from 29.01.2025 – 04.02.2025 and reading week from 14.10.2024 – 19.10.2024 ; from 10.03.2025 – 15.03.2025.

January 14, 2025