

**Course List for Cross-Institutional Course Enrolment Scheme
(2nd Semester, 2025-2026)**

Institution: City University of Hong Kong

<i>Subject Code</i>	<i>Subject Title</i>	<i>Units</i>	<i>Level</i>	<i>Keyword Syllabus or Brief Subject Description</i>	<i>Prerequisites / Pre-cursors (if any)</i>	<i>Result Grade</i>	<i>Medium of Instruction</i>	<i>Application Deadline (yyyy/mm/dd)</i>	<i>Remarks, if any (e.g. quota for visiting students)</i>
Department of Electrical Engineering									
EE5410	Signal Processing	3	PG	http://www.cityu.edu.hk/pg/current/course/EE5410.htm	Pre-cursor: EE3210/EE311 2/EE3008 or equivalent	A+-F	E	2026/01/02	
EE5412	Telecommunication Networks	3	PG	http://www.cityu.edu.hk/pg/current/course/EE5412.htm	Nil	A+-F	E	2026/01/02	
EE5425	Fundamentals of RF Circuit Engineering	3	PG	http://www.cityu.edu.hk/pg/current/course/EE5425.htm	Precursors: EE3109 or equivalent Equivalent Courses: EE6425	A+-F	E	2026/01/02	
EE5430	Advanced CMOS Technology	3	PG	http://www.cityu.edu.hk/pg/current/course/EE5430.htm	Nil	A+-F	E	2026/01/02	
EE5437	Internet of Things Technologies for Future City Applications	3	PG	http://www.cityu.edu.hk/pg/current/course/EE5437.htm	Precursors: EE2004/EE3220 or courses related to firmware coding on MCU	A+-F	E	2026/01/02	
EE5811	Topics in Computer Vision	3	PG	http://www.cityu.edu.hk/pg/current/course/EE5811.htm	Precursors: (MA3150/MA3151) and (MA3160/EE3313) and (CS2363 or equivalent) C programming is required.	A+-F	E	2026/01/02	

			[Note 1]	[Note 2]		[Note 3]	[Note 4]		
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EE6427	Modern Power Electronics	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6427.htm	Pre-cursors: EE4101 or equivalent	A+-F	E	2026/01/02	
EE6428	Optical Communications	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6428.htm	Pre-cursor: EE3008 Exclusive course: EE4035	A+-F	E	2026/01/02	
EE6435	Multi-Dimensional Data Modeling and its Applications	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6435.htm	Nil	A+-F	E	2026/01/02	
EE6619	Antenna Design for Wireless Communications	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6619.htm	Pre-cursor: EE3109	A+-F	E	2026/01/02	
EE6620	Linear Systems Theory and Design	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6620.htm	Pre-cursor: MA2170 or EE3210 or EE3118 Exclusive course: EE5411	A+-F	E	2026/01/02	
EE6621	Computational Physiology and Neural Systems	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6621.htm	Exclusive Courses: BME6122/ BME8133	A+-F	E	2026/01/02	
EE6622	Topics in Smart Grids	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6622.htm	Nil	A+-F	E	2026/01/02	
EE6624	Advanced Topics in Power and Energy Systems	3	PG	http://www.cityu.edu.hk/pg/current/course/EE6624.htm	Nil	A+-F	E	2026/01/02	

[Note 1] Please indicate subject level by UG or PG (UG = advanced undergraduate level, PG = postgraduate level and R=Research level).

[Note 2] Please provide information either in text or in hyperlink.

[Note 3] Please indicate result grade by P/F, S/U, A+-F, etc. (P/F = pass or fail; S/U = satisfactory or unsatisfactory; A+-F = fine grades from A+ to F, etc.).

[Note 4] Please indicate medium of instruction by E, C or P (E = English; C = Cantonese and P = Putonghua).