Department of Electrical & Computer Engineering
College of Design and Engineering, NUS

Class Time-Table of Graduate Courses

➢ Elective courses open to ECE Research programme (PhD/M.Eng/EngD) students

Semester I, AY2024/2025

DAY & TIME	CODE	COURSE TITLE	COURSE LECTURER/S	VENUE	Course Quota
MONDAY 6.00 pm – 9.00 pm	**EE5101**/ME5401	LINEAR SYSTEMS, LINEAR SYSTEMS	XIANG CHENG, ONG CHONG JIN①	LT 6	150
	EE5303	MICROWAVE ELECTRONICS	LIU ENXIAO②, ZHENYU ZHAO	ENG-Auditorium	120
	EE6439*	Micro/Nano Electromechanical Systems (Advanced)	LEE CHENGKUO	LT 4	20
TUESDAY 6.00 pm – 9.00 pm	EE5517	Optical Engineering	TSANG MAN KEI	ENG-Auditorium	120
	EE5731	Visual Computing	XU YUECONG	LT 6	100
	EE5831	Electromagnetic Wave Theory	QIU CHENGWEI, CHEN XUDONG	EA-06-03	80
	EE6110*	Special Topics in Automation and Control (Advanced)	HUANG SUNAN②, JIANG RUI②, WANG FEI②, M. SHERAL CRESCENT TISSERA	E1-06-04	10
WEDNESDAY 6.00 pm – 9.00 pm	EE5111	Selected Topics in Industrial Control & Instrumentation	JIANG RUI②, LIANG WENYU②, HUANG SUNAN②, MURALI KRISHNAN THIAGARAJAN②	E3-06-08	50
	EE5308	ANTENNA ENGINEERING	CHEN ZHI NING	EA-06-03	80
	EE5518	VLSI DIGITAL CIRCUIT DESIGN	ALIOTO, MASSIMO BRUNO	LT 3	120
	EE5702	ADVANCED POWER SYSTEM ANALYSIS	PENG CHIH-HSIEN JIMMY	E3-06-07	50
	EE6733	Advanced Topics on Vision and Machine Learning	LI HAIZHOU, SHOU ZHENG	E3-06-05 **	30
THURSDAY 6.00 pm – 9.00 pm	EE5508	SEMICONDUCTOR FUNDAMENTALS	WU YIHONG	SDE3-LT423^	120
	EE5703	Industrial Drives	ASHWIN M KHAMBADKONE	E3-06-02	45
	EE5907	Pattern Recognition	XU YUECONG, BAI SONG②	LT 6	150
FRIDAY 6.00 pm – 9.00 pm	EE5103	Computer Control Systems	HO WENG KHUEN, XIANG CHENG	SDE3-LT426^	100
	EE5502	MOS DEVICES	ZHU CHUNXIANG, GONG XIAO	LT 4	120
	EE6139*	Information Theory and its Applications (Advanced)	MARCO PATRICK TOMAMICHEL	LT 6	40
	EE6438	Magnetic materials and devices	WU YIHONG, MANSOOR BIN ABDUL JALIL	E3-06-12	30
	EE6440	Advanced Topics in Photonics	QIU CHENGWEI, TSANG MAN KEI	E3-06-04	30

LEGEND OF NON-ECE OR ADJUNCT STAFF

① Mechanical Engineering
② Adjunct/External etc

*** refer to Canvas for course lecturer's arrangement.*

NOTES:
- ^SDE3-LT423 and SDE3-LT426 is located at SDE3 (Architecture)
- #Married courses: EE5110/EE6110, , EE5139/EE6139, EE5439/EE6439. Lectures is conducted concurrently. MEng and PhD students is allowed to take the EE6000 series only.
- About cross-listed course: EE5101/ME5401 (host is ECE Dept). ECE students to apply EE prefix code only.
- All class and exam will be held in-person by default.
- Students are expected to be in Singapore physically to pursue studies. Request for remote studies out of Singapore will not be supported.

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IMPORTANT NOTE

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By default, Classes and Exams will be held in-person throughout the semester. Students who are not able to be in Singapore to pursue your studies may be advised to apply for Leave of Absence (LOA) *(not applicable to NGRD or CPE students),* or not select our ECE graduate course.

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1. **Lecture for Semester I, AY2024/2025 will commence on instructional week 1: 12 August 2024 (Monday).**

2. Refer to the NUS Academic Calendar for AY2024-2025 at http://www.nus.edu.sg/registrar/calendar.

3. All classes and examinations will be held in-person (F2F) by default. This might be subjected to changes depending on the directive from NUS.

4. Staff and students should exercise social responsibility. Refer to MOH published news about wearing of face masks: https://www.moh.gov.sg/news-highlights/details/integrating-our-covid-19-response-protocols-into-our-broader-public-health-programmes

5. **Selection of course; submit course request; waiver of pre-requisite and/or appeals etc, are to be made by student via the CourseReg@EduRec system. This is for the allocation run process and relevant Dept Admins to track and process accordingly.**

6. **Students are to ensure that there is no clash in BOTH class and examination timetable when selecting the course(s) to be enrolled for the semester.**

7. Refer to our ECE Dept webpage for the (i) customised guide created for ECE graduate students, and (ii) about the applicable charges (if any) imposed on non-ECE graduate student enrolling for our ECE coursework graduate courses. For more details, refer: https://cde.nus.edu.sg/ece/graduate/graduate-course-registration/

8. Instructions on the course selection process, schedule for each round, application and allocation process for students is published at the CourseReg webpage (https://nus.edu.sg/coursereg/index.html). This is applicable to all NUS students unless otherwise stated.

    i)   Round 1 begin from 22 July 2024 *(applicable to new and returning students)*
    ii) For subsequent rounds and "Submit Course Request" function, refer to the schedule published at CourseReg webpage for details.

9. Some EE6000 series courses might not be opened to MSc students. MSc students who wish to apply for EE6000 course(s) may apply using the "SUBMIT COURSE REQUEST" function in CourseReg@EduRec system during Round 2. Email approval/support for waiver of requisite (if applicable) by course lecturer is required as proof. Requests are subject to approval on a case-by-case basis, limited by course conditions and quota constraints. Priorities are for PhD/EngD/MEng students. Assessment of appeals are after Round 2.

10. For descriptions and course requisites on ECE graduate courses, refer to NUSMods (https://nusmods.com/courses) *(use Chrome or Firefox).*

11. UPDATE TO NOTE: Due to changes in programme structure and tuition fees for various self-funded MSc programme in NUS, a student may incur additional charges (per course basis) for enrolling in cross-Programme/Department/Faculty courses. Such charges (if applicable) will depend on the course host offering department and will be billed to student on top of the tuition fee in the applicable semester. Refer: https://cde.nus.edu.sg/ece/graduate/graduate-course-registration/

12. Refer to the following NUS webpages for latest update by the relevant offices.

NUS Webpages	Go To
ECE Class Timetable	https://cde.nus.edu.sg/ece/class-timetables/
CourseReg guide for ECE graduate students	https://cde.nus.edu.sg/ece/graduate/graduate-course-registration/
Description of ECE Graduate Courses (**via NUSmods**)	https://nusmods.com/courses
Official CourseReg webpage (by OUR)	https://nus.edu.sg/coursereg/index.html
University Calendar *(refer to applicable academic year)*	http://www.nus.edu.sg/registrar/calendar
Office of Risk Management and Compliance	https://emergency.nus.edu.sg/circulars/
Student's login credential and VPN (where applicable)	
CourseReg@EduRec *(Schedule, instruction, course selection etc)*	https://nus.edu.sg/coursereg/index.html
Examination Directory	http://www.nus.edu.sg/registrar/academic-activities/examination
ECE Student E-station *(Intranet: requires VPN & student's credential)*	https://cde.nus.edu.sg/ece/about-us/e-station/
myPortal@NUS *(College of Design and Engg, Graduate Prog)*	https://cde.nus.edu.sg/graduate/#academic-support
"NUS student portal", Navigate to "student" at menu	via NUS homepage (http://www.nus.edu.sg)

13. Information is correct as at time of printing and maybe subject to changes.

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