

**Class Time-Table of ECE Graduate Modules**  
Semester II, AY2021/2022

Updated on 7 Jan 2022.  
Correct as at time of print.

DAY & TIME	CODE	MODULE TITLE	MODULE LECTURER/S	MODE OF TEACHING	VENUE (max size allowed)	Module Quota
MONDAY 6.00 pm - 9.00 pm	*EE5106/ ME5402	Advanced Robotics	SAM GE SHUZH, CHUI CHEE KONG①	E-learning	-	70
	EE5138	Optimization for Electrical Engineering	ZHANG RUI	E-learning	-	40
	EE5507	Analog Integrated Circuits Design	HENG CHUN HUAT, MA FAN YUNG②	F2F + online (hybrid mode, if required)	LT 4 (50)	50
	EE5934	Deep Learning	WANG XINCHAO, MIKE SHOU ZHENG, ZHOU TIANYI JOEY②	E-learning	-	70
	EE6138	Optimization for Electrical Engineering (Advanced)	ZHANG RUI	E-learning	-	15
	EE6831	Advanced Electromagnetic Theory and Applications	CHEN XUDONG, QIU CHENGWEI	F2F + online (hybrid mode, if required)	E1-06-05 (25)	25
	EE6934	Deep Learning, Deep Learning (Advanced)	WANG XINCHAO, MIKE SHOU ZHENG, ZHOU TIANYI JOEY②	E-learning	-	30
TUESDAY 6.00 pm - 9.00 pm	EE5134	Optical Communications and Networks	MOHAN GURUSAMY, LI NANXI②	E-learning	-	60
	EE5440	Magnetic Data Storage for Big Data	WU YIHONG, YANG HYUNSOO	F2F + online (hybrid mode, if required)	E1-06-03 (25)	60
	EE5517	Optical Engineering	TSANG MAN KEI, HONG MINGHUI	E-learning	-	60
	EE5801	Electromagnetic Compatibility	YEO TAT SOON	F2F + online (hybrid mode, if required)	E1-06-05 (25)	30
	EE6435	Advanced Concepts in Nanoelectronics	LIANG GENGCHIAU	F2F + online (hybrid mode, if required)	E1-06-01 (35)	30
	EE6531	Selected Topics in Smart Grid Technologies	SANJIB KUMAR PANDA, DIPTI SRINIVASAN	F2F + online (hybrid mode, if required)	E3-06-01 (30)	40
WEDNESDAY 6.00 pm - 9.00 pm	EE5135	Digital Communications	ZHANG JIANWEN	E-learning	-	80
	EE5431	Fundamentals of Nanoelectronics	MANSOOR BIN ABDUL JALIL, LIANG GENGCHIAU	F2F + online (hybrid mode, if required)	E1-06-01 (35)	40
	EE5903	Real-Time Systems	VEERAVALLI, BHARADWAJ	E-learning	-	90
	EE6135	Digital Communications (Advanced)	ZHANG JIANWEN	E-learning	-	10
	EE6833	Selected topics in Microwave and Antenna Engineering	GUO YONGXIN	F2F + online (hybrid mode, if required)	E1-06-09 (35)	20
THURSDAY 6.00 pm - 9.00 pm	EE5132	Wireless and Sensor Networks	THAM CHEN KHONG	E-learning	-	65
	EE5508	Semiconductor Fundamentals	TEO KIE LEONG, WU YIHONG	F2F + online (hybrid mode, if required)	LT 6 (50)	70
	EE5711	Power Electronic Systems	ASHWIN KHAMBADKONE	F2F + online (hybrid mode, if required)	LT 2 (50)	50
	EE5904/ ME5404	Neural Networks	XIANG CHENG, CHEN CHAO YU PETER①	E-learning	-	150
	EE6437	Advanced Semiconductor Devices	GONG XIAO, ANG KAH WEE	F2F + online (hybrid mode, if required)	E5-03-19 (30)	30
	EE6832	Selected Topics in EM Metamaterial and Multiple-Antenna	CHEN ZHI NING	F2F	E1-06-08 (35)	30
FRIDAY 6.00 pm - 9.00 pm	EE5104	Adaptive Control Systems	HO WENG KHUEN, LEE TONG HENG	E-learning	-	40
	EE5137	Stochastic Processes	TAN YAN FU VINCENT	F2F + online (hybrid mode, if required)	LT 4 (50)	70
	EE5434	Microelectronic Processes and Integration	LEE CHENGKUO, ZHU CHUNXIANG	F2F + online (hybrid mode, if required)	E4-04-02 (24)	80
	EE5701	High Voltage Testing and Switchgear	LIEW AH CHOY	F2F + recording	E3-06-01 (30)	50
	EE6104	Adaptive Control Systems (Advanced)	HO WENG KHUEN, LEE TONG HENG	E-learning	-	10
	EE6440	Advanced Topics in Photonics	QIU CHENGWEI, TSANG MAN KEI	F2F + online (hybrid mode, if required)	E3-06-09 (32)	30

LEGEND OF NON-ECE OR ADJUNCT STAFF

- ① Mechanical Engineering
- ② Adjunct staff

# using same venue

- Married module: EE5104/EE6104, EE5135/EE6135, EE5138/EE6138, EE5934/EE6934. Lectures is conducted concurrently. MEng and PhD students is allowed to take the EE6000 series only.
- \* About cross-listed module: EE5106/ME5402 (host is ME Dept); EE5904/ME5404 (host is ECE Dept). ECE students to apply EE prefix code only.

## IMPORTANT NOTE

In view of the gradual relaxation of border measures and the launch of several Vaccinated Travel Lanes, **by default, we expect students to be physically here in Singapore to attend classes and exams throughout the semester. This is regardless of the mode of teaching (F2F/Hybrid/E-learning).** Student who wish to study remotely must apply for permission (subject to approval) and have a valid reason to do so. Those without valid reason and/or unable to be in Singapore, will have to apply for LOA (*not applicable to NGRD or CPE students*); or not select our EE graduate module.

- Lecture for Semester II, 2021/2022 will commence on instructional week 1: 10 January 2022 (Monday).**
- View the NUS Academic Calendar for AY2021-2022 at <http://www.nus.edu.sg/registrar/calendar>
- ECE Dept has created a guide about the process for module selection exercise for ECE graduate students.** Refer: <https://cde.nus.edu.sg/ece/graduate/graduate-module-registration/>
- Selection of module, module request, waiver/appeals etc is to be made online through ModReg@EduRec system. Refer to ModReg webpage for instructions, selection and allocation schedule for graduate students: <http://www.nus.edu.sg/ModReg/index.html>
  - Round 0 begin from 7 Dec 2021 (open to returning ECE graduate students only)
  - Round 1 begin from 29 Dec 2021 (new and returning students)
  - For subsequent rounds and "submit module" function, refer to the schedule published at ModReg for details.
- EE6000 series module might not all be open to M.Sc students. M.Sc student who wish to apply for EE6000 module(s) may apply using the APPEAL function in ModReg@EduRec system. Approval/support by module lecturer required as proof. Priorities are for PhD/MEng students. Appeals is subject to approval on a case-by-case basis, limit by quota constraint.
- Students are to ensure that there is no clash in BOTH class and examination time-table when selecting the module(s) to be enrolled for the semester.**
- For descriptions and module condition on ECE graduate module, refer to [NUSMods](https://nusmods.com/modules) (use Chrome or Firefox); or ECE webpage at <https://cde.nus.edu.sg/ece/graduate/graduate-module-listing/>
- Due to current Covid-19 situation and for safety measure, lectures for our graduate module might be held in-person (F2F) but with reduced allowed capacity; hybrid; or E-learning mode. This is subject to changes depending on Government/NUS latest directive.
  - Live lectures/sessions will be held as per scheduled date and timing (unless otherwise announce by module lecturer).
  - E-learning/online mode may be in the form of lecture recordings (asynchronous) or Zoom lectures (synchronous) along with reading materials etc. Student to check the relevant module managed by module lecturer at [LumiNUS \(https://luminus.nus.edu.sg/\)](https://luminus.nus.edu.sg/). Access might be limited for enrolled student for the individual module only. Student to consult relevant [module lecturer/s](#) if any query about the lecture.
  - Hybrid face-to-face (F2F) and/or online learning modes might be offered for modules that are read by students for example, international students who have not arrived at NUS yet or students who are serving a Quarantine Order (QO), Stay Home Notice (SHN), regardless of class size.
  - Module held F2F is limited to a reduced maximum allowed capacity in the venue, count include Module lecturer.** Module Lecturer/s to coordinate with students on the numbers allowed to attend in person and via e-learning mode (if applicable).
  - If module enrolment exceeds 50, the scheduled F2F lecture might be cancel and held via online e-learning mode only. Department reserve the right to cancel the face-to-face (F2F) lectures and hold lectures solely online if situation requires it.
  - To keep classrooms safe, only students who are shown to be fit for class in the Classroom Attendance System may attend face-to-face classes. Being fit means having a "Green Pass" in NUSafe app (uploaded valid FET result and using NUS wi-fi). Students are required to register their attendance using the given QR code. Photographs might be taken to record where students are seated to facilitate contact tracing. All attendees must don face masks and sit at least 1 meter apart.
  - Wearing of face masks is mandatory by law. In general, face masks cannot be replaced by face shields. Please refer to following MOH link <https://www.moh.gov.sg/news-highlights/details/guidance-for-use-of-masks-and-face-shields>.
  - If you have any COVID-19 symptoms or not feeling well, do not attend the lecture in person where you may inadvertently infect others. Refer: <http://nus.edu.sg/osa/resources/covid-19/circulars> or OSHE webpage at <https://emergency.nus.edu.sg/>
- Refer to NUS webpage for latest update by the relevant office.

<i>Managed by ECE Dept, NUS</i>	
ECE Class Time-table	<a href="https://cde.nus.edu.sg/ece/class-timetables/">https://cde.nus.edu.sg/ece/class-timetables/</a>
ECE Student E-station ( <i>intranet: requires vpn &amp; student's credential</i> )	<a href="https://cde.nus.edu.sg/ece/about-us/e-station/">https://cde.nus.edu.sg/ece/about-us/e-station/</a>
Guide on Selection of module process for ECE graduate students	<a href="https://cde.nus.edu.sg/ece/graduate/graduate-module-registration/">https://cde.nus.edu.sg/ece/graduate/graduate-module-registration/</a>
Description of ECE Graduate Modules	<a href="https://cde.nus.edu.sg/ece/graduate/graduate-module-listing/">https://cde.nus.edu.sg/ece/graduate/graduate-module-listing/</a>
<i>Managed by Registrar's Office and relevant Offices at NUS</i>	
<b>ModReg@EduRec</b> ( <i>schedule, instruction etc</i> )	<a href="http://www.nus.edu.sg/ModReg/index.html">http://www.nus.edu.sg/ModReg/index.html</a>
<b>NUSMod</b> ( <i>advise to use Chrome or Firefox</i> )	<a href="https://nusmods.com/modules">https://nusmods.com/modules</a>
Examination Directory	<a href="http://www.nus.edu.sg/registrar/academic-activities/examination">http://www.nus.edu.sg/registrar/academic-activities/examination</a>
myPortal@NUS (College of Design and Engineering (Graduate Programmes))	<a href="https://cde.nus.edu.sg/graduate/#academic-support">https://cde.nus.edu.sg/graduate/#academic-support</a>
University Calendar ( <i>refer to applicable academic year</i> )	<a href="http://www.nus.edu.sg/registrar/calendar">http://www.nus.edu.sg/registrar/calendar</a>

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