

# Class Time-Table of ECE Graduate Modules

## Semester I, AY2017/2018

Updated as on 17 August 2017

Day / Time	Module Code	Module Title	Staff Teaching	Location	Max Quota	M.Sc	PhD, MEng
MONDAY 6.00 pm - 9.00 pm	EE5104	ADAPTIVE CONTROL SYSTEMS	Ho Weng Khuen/ Lee Tong Heng	EA-06-06	12	✓	
	EE5303	MICROWAVE ELECTRONICS	Guo Yongxin/ Liu Enxiao <sup>⑥</sup>	EA-06-04	30	✓	✓
	EE5434	MICROELECTRONIC PROCESSES AND INTEGRATION	Zhu Chunxiang/ Lee Chengkuo	E1-06-04		✓	✓
	EE5703	INDUSTRIAL DRIVES	Amit Kumar Gupta <sup>①</sup> / Sahoo Sanjib Kumar	E5-03-21	48	✓	✓
	EE5907	PATTERN RECOGNITION	Yeo Boon Thye Thomas/ Feng Jiashi	E1-06-08	60	✓	✓
	EE6131	WIRELESS COMMUNICATIONS (ADVANCED)	Zhang Rui	E3-06-15	50	✓	✓
	EE6438	MAGNETIC MATERIALS AND DEVICES	Wu Yihong/ Mansoor Bin Abdul Jalil	E3-06-12			✓
	EE6104	ADAPTIVE CONTROL SYSTEMS (ADVANCED)	Ho Weng Khuen/ Lee Tong Heng	EA-06-06	13		✓
TUESDAY 6.00 pm - 9.00 pm	<b>EE5101/</b> ME5401	LINEAR SYSTEMS	Xiang Cheng/ Ong Chong Jin <sup>②</sup>	LT 3		✓	✓
	EE5310	COMMUNICATION NETWORKING FUNDAMENTALS	Mohan Gurusamy/ Biplab Sikdar	E1-06-08	50	✓	
	EE5502	MOS DEVICES	Liang Gengchiao/ Fong Xuanyao	EA-06-02		✓	✓
	EE5902	MULTIPROCESSOR SYSTEMS	Veeravalli, Bharadwaj	LT 6		✓	✓
	EE6004	SELECTED ADVANCED TOPICS IN ELECTROMAGNETIC MODELING	Wang Chao-Fu <sup>③</sup> / Chen Xudong	E3-06-06	40		✓
	EE6310	COMMUNICATION NETWORKING FUNDAMENTALS (ADVANCED)	Mohan Gurusamy/ Biplab Sikdar	E1-06-08	20		✓
WEDNESDAY 6.00 pm - 9.00 pm	EE5110	SPECIAL TOPICS IN AUTOMATION AND CONTROL	Tan Kok Kiong/ Tay Ee Beng, Arthur/ Xiang Cheng/ Chen Benmei/ Lin Feng <sup>③</sup> / Phang Swee King <sup>③</sup>	E5-02-32	30	✓	
	EE5308	ANTENNA ENGINEERING	Chen Zhi Ning	E3-06-04		✓	✓
	EE5401	CELLULAR MOBILE COMMUNICATIONS	Biplab Sikdar	E1-06-04		✓	✓
	EE5439	MICRO/NANO-ELECTROMECHANICAL SYSTEMS	Lee Chengkuo Vincent	E2-03-03	45	✓	
	EE6110	SPECIAL TOPICS IN AUTOMATION AND CONTROL (ADVANCED)	Tan Kok Kiong/ Tay Ee Beng, Arthur/ Xiang Cheng/ Chen Benmei/ Lin Feng <sup>③</sup> / Phang Swee King <sup>③</sup>	E3-06-03	10		✓
	EE6439	MICRO/NANO ELECTROMECHANICAL SYSTEMS (ADVANCED)	Lee Chengkuo Vincent	E2-03-03	35		✓
THURSDAY 6.00 pm - 9.00 pm	<b>EE5103/</b> ME5403	COMPUTER CONTROL SYSTEMS	Xiang Cheng/ Ho Weng Khuen	LT 1		✓	✓
	EE5137	STOCHASTIC PROCESSES	Tan Yan Fu, Vincent	EA-02-11		✓	✓
	EE5518	VLSI DIGITAL CIRCUIT DESIGN	Alioto, Massimo Bruno	EA-06-05	50	✓	✓
	EE5731	VISUAL COMPUTING	Robby Tantowi Tan <sup>④</sup>	E5-03-22	40		✓
	EE5831	ELECTROMAGNETIC WAVE THEORY	Qiu Chengwei/ Chen Xudong	E3-06-06	30	✓	✓
	EE6436	ADVANCED CHARACTERIZATION OF MATERIALS AND DEVICES	Liew Yun Fook <sup>⑤</sup>	E3-06-10			✓
FRIDAY 6.00 pm - 9.00 pm	EE5133	STATISTICAL SIGNAL PROCESSING TECHNIQUES	Ko Chi Chung	E3-06-05		✓	✓
	EE5431	FUNDAMENTALS OF NANO-ELECTRONICS	Liang Gengchiao/ Mansoor Bin Abdul Jalil	E4-04-02			✓
	EE5508	SEMICONDUCTOR FUNDAMENTALS	Teo Kie Leong/ Wu Yihong	EA-06-03		✓	✓
	EE5702	ADVANCED POWER SYSTEM ANALYSIS	Peng Chih-Hsien Jimmy/ Srinivasan, Dipti	E3-06-01		✓	✓
	EE6733	ADVANCED TOPICS ON VISION AND MACHINE LEARNING	Li Haizhou/ Feng Jiashi	E3-06-13	20		✓

LEGEND OF NON-ECE STAFF/ADJUNCT		Module description:
① Rolls-Royce (S) Pte Ltd	④ Yale-NUS College	ECE webpage:
② Mechanical Engineering	⑤ National Metrology Center (NMC)	<a href="https://www.ece.nus.edu.sg/home/education/graduate/modulelisting.html">https://www.ece.nus.edu.sg/home/education/graduate/modulelisting.html</a>
③ Temasek Laboratories (T-Lab)	⑥ Institute of High Performance Computing (IHPC)	or
		NUS Bulletin: <a href="http://www.nus.edu.sg/nusbuletin/search-modules/">http://www.nus.edu.sg/nusbuletin/search-modules/</a>
		For cross listed module, code in bold denotes module host department.

## POINTS TO NOTE:

- Lecture for Semester I, 2017/2018 will commence on instructional week 1: 14 August 2017.**  
>> Refer to NUS academic calendar at <http://www.nus.edu.sg/registrar/info/calendar/AY2017-2018.pdf>
- Registration of module for this semester to be done online at <https://myaces.nus.edu.sg/gseonline> (applicable to Engineering graduate students only), unless otherwise specified. Access by using your NUSNet ID and password.  
**ECE module registration guide:** <https://www.ece.nus.edu.sg/home/education/graduate/ModuleRegistration.html>
- Module registration period** is as follows. Please comply with the deadlines imposed to avoid being penalized for dropping modules late (if any).

Dates	Events
<b>3 &amp; 4 August 2017</b> (9.00 am – 5.00 pm)	<b>Module Preview Period</b> ( <i>No selection of modules during these dates</i> )  <i>Students may login to preview modules offered for this Semester. If you are unable to log in, please <a href="mailto:engbox40@nus.edu.sg">report (engbox40@nus.edu.sg)</a> this immediately so that you do not encounter delays during the online module registration exercise.</i>
<b>07 August 2017 (9.00am) to 21 August 2017 (9.00am)</b>	<b>Application Period for Cross Department/Faculty Module</b>  <i>Note: Students will be informed of outcome latest by 24 August 2017, 5.30pm. Students should contact their home departments if they do not receive confirmation by this time.</i>
<b>07 August 2017 (9.00am) to 27 August 2017 (11.59pm)</b>	<b>Module Registration Period (Overall)</b>  <i>(Add and/or Drop module period without penalty)</i> <i>Note that 9 Aug 2017 is a public holiday.</i>
<b>28 August 2017 to 1 October 2017</b>  <i>(Based on date of receipt of written request to drop)</i>	<b>Drop module with 'W' (withdrawn) grade penalty</b>  <i>Note: Module will appear on student's record and transcript with the status "Withdrawn" and will not be included in the computation of CAP.</i>
<b>From 2 October 2017</b>  <i>(Based on date of receipt of written request to drop)</i>	<b>Drop module with 'F' (failed) grade penalty</b>  <i>Note: Module will appear on student's record and transcript with the status "Failed" and carry a grade point of zero. It will be included in the computation of CAP.</i>

- Module information to note:
  - Lectures that are conducted concurrently: EE5104/EE6104, EE5110/EE6110, EE5310/EE6310, EE5439/EE6439.
  - For the above married modules in (4a), MEng and PhD students are only allowed to take the EE6000 series.
  - EE6000 series module might not all be open to M.Sc students. Manual application required and subject to approval on a case-by-case basis, if applicable. Refer: <https://www.ece.nus.edu.sg/home/education/graduate/modulelisting.html>
  - Quota set mentioned are overall maximum total, allocation may be split among different degree program.
  - For **module descriptions**, pre-requisites, preclusion, co-requisite etc., please refer to the NUS Bulletin or ECE webpage at <https://www.ece.nus.edu.sg/home/education/graduate/modulelisting.html>
- Students are to ensure that there is no clash in BOTH class and examination time table when selecting the module(s) to be registered for the semester.**
- Information on University Calendar, Time-Tabling for the academic year can be viewed on the following NUS webpage:
  - ECE Class time-table - <https://www.ece.nus.edu.sg/home/timetables/>
  - University Calendar - <http://www.nus.edu.sg/registrar/calendar.html>
  - Examination related links - <http://www.nus.edu.sg/registrar/event/exam.html>
- Announcements regarding any changes graduate programme matters or time-table, venue etc, will be notified through either/or following methods:-
  - NUS student email account;
  - ECE e-station(student) for graduate student, announcement: <https://www.ece.nus.edu.sg/home/community.html>
  - IVLE course website by course lecturer/s
- Information is correct as at time of printing and maybe subject to changes.

