

# Department of Electrical Engineering

## Lecture & Lab Schedule

2020/21 Semester-1

Subject Code & Title: EE3005A Systems and Control / EE3011B Control Systems and Signal Processing

Lecturers: A. Zhang / N. Cheung

<i>Week/ Date</i>	<i>Lectures (online)</i>	<i>Lab (on campus / take home)</i>
<b>1</b> / 10 Sep	Unit-1 Introduction & Mathematical foundation	/
<b>2</b> / 17 Sep	Unit-2 Mathematical modelling of control systems (I)	/
<b>3</b> / 24 Sep	Unit-3 Mathematical modelling of control systems (II)	/
<b>4</b> / 1 Oct	Holiday	/
<b>5</b> / 8 Oct	<b>Test-1</b>	Group-1 (15:30 ~ 16:50) / Group-2 (17:00 ~ 18:20)
<b>6</b> / 15 Oct	Unit-4 Transient and steady state response analysis	Group-3 (15:30 ~ 16:50) / Group-4 (17:00 ~ 18:20)
<b>7</b> / 22 Oct	Unit-5 Signal flow graph, poles and stability	Take-home Lab
<b>8</b> / 29 Oct	Unit-6 Control system analysis and design (I) - Root-locus method	Take-home Lab
<b>9</b> / 5 Nov	<b>Test-2</b>	Take-home Lab
<b>10</b> / 12 Nov	Unit-7 Control system analysis and design (II) - Bode diagrams	Take-home Lab
<b>11</b> / 19 Nov	Unit-8 Filters and controllers	Group-1 (15:30 ~ 16:50) / Group-2 (17:00 ~ 18:20)
<b>12</b> / 26 Nov	Unit-9 State space control	Group-3 (15:30 ~ 16:50) / Group-4 (17:00 ~ 18:20)
<b>13</b> / 3 Dec	<b>Test-3</b>	/

**Lecture** (Venue: *online*; Time: **12:30-15:20, Thursday**)

**Lab** (Venue: *EF402 or other laboratory*; Time: **15:30 – 18:20, Thursday**)

**Timetable**Timetable  
Format 

Timetable as of 10-Aug-2020 10:18:05

Subject Code	Subject Title	Section Code	Subject Group	Comp. Code	For Every (Week)	Start Week	End Week	Day of Week	Start Time	End Time	Venue
EE3005A	SYSTEMS AND CONTROL	05AS01	101	LAB001	1	3	13	Thu	15:30	18:20	EF402
EE3005A	SYSTEMS AND CONTROL	05AS01	101	LEC001	1	1	13	Thu	12:30	15:20	
EE3011B	CONTROL SYSTEMS AND SIGNAL PROCESSING	11BS01	102	LAB001	1	3	13	Thu	15:30	18:20	EF402
EE3011B	CONTROL SYSTEMS AND SIGNAL PROCESSING	11BS01	102	LEC001	1	1	13	Thu	12:30	15:20	