

Semester 2 Laboratory Schedule (AY2025/2026) : <13/01/2026>

To refer below for the  
detailed schedule

| Instructional<br>Week | LAB GRP<br>DAY & DATE | CG2023             |        | CG2028 |       | EE2022        |               | EE2023 |    | EE2026 |        | EE2027 |        | EE2028 | PC2020 |         | EE3033  |    |
|-----------------------|-----------------------|--------------------|--------|--------|-------|---------------|---------------|--------|----|--------|--------|--------|--------|--------|--------|---------|---------|----|
|                       |                       | AM                 | PM     | AM     | PM    | AM            | PM            | AM     | PM | AM     | PM     | AM     | PM     | AM     | AM     | PM      | AM      | PM |
| 1                     | MON 12-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | TUE 13-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | WED 14-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | THUR 15-Jan           |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 16-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
| 2                     | MON 19-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | TUE 20-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | WED 21-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | THUR 22-Jan           |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 23-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
| 3                     | MON 26-Jan            |                    |        |        |       |               |               |        |    | Lab 1  | Lab 1  |        |        |        |        |         |         |    |
|                       | TUE 27-Jan            |                    |        |        |       |               |               |        |    | Lab 1  | Lab 1  |        |        |        |        |         |         |    |
|                       | WED 28-Jan            |                    |        |        |       |               |               |        |    | Lab 1  | Lab 1  |        |        |        |        |         |         |    |
|                       | THUR 29-Jan           |                    |        | Expt1  | Expt1 |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 30-Jan            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
| 4                     | MON 2-Feb             |                    |        |        |       | 10-12 / 12-14 | 14-16 / 16-18 |        |    | Lab 2  | Lab 2  | OPAMP  | OPAMP  | PCI-1  |        | *PC2020 |         |    |
|                       | TUE 3-Feb             |                    |        |        |       | 9-11          | 16-18         |        |    | Lab 2  | Lab 2  | OPAMP  |        |        |        | *PC2020 |         |    |
|                       | WED 4-Feb             |                    |        |        |       | 9-11          | 14-16 / 16-18 | Expt1  |    | Lab 2  | Lab 2  |        |        |        |        | *PC2020 |         |    |
|                       | THUR 5-Feb            |                    |        | Expt2  | Expt2 | 10-12 / 12-14 | 16-18         |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 6-Feb             |                    |        |        |       |               | 14-16         | Expt1  |    |        |        |        |        | PCI-2  |        | *PC2020 |         |    |
| 5                     | MON 9-Feb             | Expt1^             | Expt1^ |        |       |               |               |        |    | Lab 3  | Lab 3  | OPAMP  | OPAMP  |        |        | *PC2020 |         |    |
|                       | TUE 10-Feb            |                    |        |        |       |               |               |        |    | Lab 3  | Lab 3  | OPAMP  |        |        |        | *PC2020 |         |    |
|                       | WED 11-Feb            |                    |        |        |       |               |               | Expt1  |    | Lab 3  | Lab 3  |        |        |        |        | *PC2020 |         |    |
|                       | THUR 12-Feb           |                    |        | Expt3  | Expt3 |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 13-Feb            |                    |        |        |       |               |               | Expt1  |    |        |        |        |        |        |        | *PC2020 |         |    |
| 6                     | MON 16-Feb            | EVE LUNAR NEW YEAR |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | TUE 17-Feb            | LUNAR NEW YEAR     |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | WED 18-Feb            | LUNAR NEW YEAR     |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | THUR 19-Feb           |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 20-Feb            |                    |        |        |       |               |               | Expt2  |    |        |        |        |        |        |        |         |         |    |
| 7                     | MON 2-Mar             |                    | Expt1^ |        |       | RECESS        |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | TUE 3-Mar             | Expt1^             |        |        |       |               |               |        |    | Proj 1 | Proj 1 |        |        |        |        |         |         |    |
|                       | WED 4-Mar             |                    |        |        |       |               |               | Expt2  |    | Proj 1 | Proj 1 |        |        |        |        |         |         |    |
|                       | THUR 5-Mar            |                    |        | Expt4  | Expt4 |               |               |        |    | Proj 1 | Proj 1 |        |        |        |        |         |         |    |
|                       | FRI 6-Mar             |                    |        |        |       |               |               | Expt2  |    |        |        |        |        | PCI-3  |        |         |         |    |
| 8                     | MON 9-Mar             |                    | Expt2  |        |       | 10-12 / 12-14 | 14-16 / 16-18 |        |    | Proj 2 | Proj 2 | OPAMP  | OPAMP  |        |        |         |         |    |
|                       | TUE 10-Mar            | Expt2              |        |        |       | 9-11          | 16-18         |        |    | Proj 2 | Proj 2 | OPAMP  |        |        |        |         |         |    |
|                       | WED 11-Mar            |                    |        |        |       | 9-11          | 14-16 / 16-18 | Expt3  |    | Proj 2 | Proj 2 |        |        |        |        |         |         |    |
|                       | THUR 12-Mar           |                    |        |        |       | 10-12 / 12-14 | 16-18         |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 13-Mar            |                    |        |        |       |               | 14-16         | Expt3  |    |        |        |        |        | PCI-4  |        |         |         |    |
| 9                     | MON 16-Mar            |                    | Expt2  |        |       |               |               |        |    | Proj 3 | Proj 3 | OPAMP  | OPAMP  |        |        |         |         |    |
|                       | TUE 17-Mar            | Expt2              |        |        |       |               |               |        |    | Proj 3 | Proj 3 | OPAMP  |        |        |        |         |         |    |
|                       | WED 18-Mar            |                    |        |        |       |               |               | Expt3  |    | Proj 3 | Proj 3 |        |        |        |        |         |         |    |
|                       | THUR 19-Mar           |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 20-Mar            |                    |        |        |       |               |               | Expt3  |    |        |        |        |        | PCI-5  |        |         |         |    |
| 10                    | MON 23-Mar            |                    | Expt3  |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | TUE 24-Mar            | Expt3              |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | WED 25-Mar            |                    |        |        |       |               |               | Expt4  |    |        |        |        |        |        |        |         |         |    |
|                       | THUR 26-Mar           |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 27-Mar            |                    |        |        |       |               |               |        |    | Expt4  |        |        |        | PCI-6  |        |         |         |    |
| 11                    | MON 30-Mar            | Expt3              | Expt3  |        |       |               |               |        |    |        |        |        |        |        |        | *PC2020 |         |    |
|                       | TUE 31-Mar            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        | *PC2020 |         |    |
|                       | WED 1-Apr             |                    |        |        |       |               |               | Expt4  |    |        |        |        |        |        |        | *PC2020 | *PC2020 |    |
|                       | THUR 2-Apr            | NUS WELLBEING DAY  |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 3-Apr             | GOOD FRIDAY        |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
| 12                    | MON 6-Apr             |                    | Expt4  |        |       | 10-12 / 12-14 | 14-16 / 16-18 |        |    | Proj 4 | Proj 4 | DEVICE | DEVICE |        |        | *PC2020 |         |    |
|                       | TUE 7-Apr             | Expt4              |        |        |       | 9-11          | 16-18         |        |    | Proj 4 | Proj 4 | DEVICE |        |        |        | *PC2020 |         |    |
|                       | WED 8-Apr             |                    |        |        |       | 9-11          | 14-16 / 16-18 |        |    | Proj 4 | Proj 4 |        |        |        |        | *PC2020 | *PC2020 |    |
|                       | THUR 9-Apr            |                    |        |        |       | 10-12 / 12-14 | 16-18         |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 10-Apr            |                    |        |        |       |               | 14-16         |        |    |        |        |        |        | PCI-7  |        | *PC2020 |         |    |
| 13                    | MON 13-Apr            |                    | Expt4  |        |       |               |               |        |    | Proj 5 | Proj 5 | DEVICE | DEVICE |        |        |         |         |    |
|                       | TUE 14-Apr            |                    |        |        |       |               |               |        |    | Proj 5 | Proj 5 | DEVICE |        |        |        |         |         |    |
|                       | WED 15-Apr            |                    |        |        |       |               |               |        |    | Proj 5 | Proj 5 |        |        |        |        |         |         |    |
|                       | THUR 16-Apr           |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |
|                       | FRI 17-Apr            |                    |        |        |       |               |               |        |    |        |        |        |        |        |        |         |         |    |

Academic calendar: <https://nus.edu.sg/registrars/docs/default-source/calendar/ay2025-2026.pdf>

Examination calendar: <https://myportal.nus.edu.sg/studentportal/academics/all/examination-directory.html>

COURSES AND LABORATORIES DETAILS

| Course Code and Name              | Lab Location                             |
|-----------------------------------|------------------------------------------|
| CG2023 Signals and Systems        | Linear Electronics (E4A-06-03)           |
| Lecturers in charge               | Experiment / Assignment                  |
| Lin Feng, Yin Tiantian            | Expt1^ (@ PC cluster at Blk E2, level 3) |
| Lab Officers                      | Expt2                                    |
| Mr Francis Boey, Mr Darren Ong TB | Expt3                                    |
|                                   | Expt4 - Project Demonstration            |

| Course Code and Name             | Lab Location                                                                        |
|----------------------------------|-------------------------------------------------------------------------------------|
| CG2028 Computer Organization     | Digital Electronics (E4-03-06)                                                      |
| Lecturers in charge              | Experiment / Assignment                                                             |
| Henry Tan, Ankit S               | Expt1: Assembly & Development Environment Familiarization                           |
| Lab Officers                     | Expt2: Board & Libraries Familiarization                                            |
| Mr FM Ho, Ms MH Chia & Ms Goh KS | Expt3: Sensor & Device Interfacing Using GPIO & I2C; Assignment Project Explanation |
|                                  | Expt4: Assignment Assessment                                                        |

| Course Code and Name             | Lab Location                            |
|----------------------------------|-----------------------------------------|
| EE2022 Electrical Energy Systems | Energy Management Microgrid (E4A-04-03) |
| Lecturers in charge              | Experiment / Assignment                 |
| Sangit Sasidhar                  | Expt1 - Introduction to Energy Systems  |
| Lab Officers                     | Expt2 - Transformer Characterizations   |
| Mr Looi FC                       | Expt3 - A complete Energy System        |

| Course Code and Name              | Lab Location                   |
|-----------------------------------|--------------------------------|
| EE2023 Signal and Systems         | Linear Electronics (E4A-06-07) |
| Lecturers in charge               | Experiment / Assignment        |
| Tan Woei Wan, Sahoo, Lai YK       | Expt1                          |
| Lab Officers                      | Expt2                          |
| Mr Francis Boey, Mr Darren Ong TB | Expt3                          |
|                                   | Expt4                          |

| Course Code and Name             | Lab Location                              |
|----------------------------------|-------------------------------------------|
| EE2026 Digital Design            | Digital Electronics (E4-03-06)            |
| Lecturers in charge              | Experiment / Assignment                   |
| Chua DJ, Massimo                 | Lab1: Getting Started                     |
| Lab Officers                     | Lab2: Combinational Circuits              |
| Mr FM Ho, Ms MH Chia & Ms Goh KS | Lab3: Sequential Circuits                 |
|                                  | Proj1: Introduction to BASYS3 I/O Devices |
|                                  | Proj2: Basic Task Evaluation              |
|                                  | Proj3: Verilog Evaluation                 |
|                                  | Proj4: Project Assessment 1               |
|                                  | Proj5: Project Assessment 2               |

| Course Code and Name                                   | Lab Location                   |
|--------------------------------------------------------|--------------------------------|
| EE2027 Electronic Circuits                             | Linear Electronics (E4A-06-07) |
| Lecturers in charge                                    | Experiment / Assignment        |
| Chim Wai Kin, Heng CH, Annie K, YC Liang, Aaron Danner | OPAMP                          |
| Lab Officers                                           | DEVICE CHARACTERIZATION        |
| Mr Francis Boey, Mr Darren Ong TB                      |                                |

| Course Code and Name                      | Lab Location                                                                       |
|-------------------------------------------|------------------------------------------------------------------------------------|
| EE2028 Microcontroller Prog & Interfacing | Digital Electronics (E4-03-06)                                                     |
| Lecturers in charge                       | Experiment / Assignment                                                            |
| Henry Tan, Ankit S                        | PCI-1: Familiarization with Development Environment                                |
| Lab Officers                              | PCI-2: Assembly Language and C Programming; Assignment 1 Project Explanation       |
| Mr FM Ho, Ms MH Chia & Ms Goh KS          | PCI-3: Board and Libraries Familiarisation                                         |
|                                           | PCI-4: Making Sense of SysTick, GPIO, I2C-based Sensors                            |
|                                           | PCI-5: Interfacing to External System using UART; Assignment 2 Project Explanation |
|                                           | PCI-6: Using Sensor Interrupts                                                     |
|                                           | PCI-7: Assignment 2 Assessment                                                     |

| Course Code and Name                                    | Lab Location                                                             |
|---------------------------------------------------------|--------------------------------------------------------------------------|
| PC2020 Electromagnetics for EE                          | Microwave Teaching Lab / ^ \$12-04-02- Week 4/5 / ^ E4-07-08- Week 11/12 |
| Lecturers in charge                                     | Experiment / Assignment                                                  |
| Chen Xu Dong, Yeo Swee Ping, Song JungHwan, Zhao Zhenyu | The reflection coefficient and the Smith chart                           |
| Lab Officers                                            |                                                                          |
| Lee Siew Choo                                           |                                                                          |

| Course Code and Name                      | Lab Location                   |
|-------------------------------------------|--------------------------------|
| EE3033 Systems Integration and Design Lab | Linear Electronics (E4A-06-07) |
| Lecturers in charge                       | Experiment / Assignment        |
| Zhang Jianwen, Lin Feng                   |                                |
| Lab Officers                              |                                |
| Mr Francis Boey, Mr Darren Ong TB         |                                |