

### Course Time-Table for July- Nov 2025 (Monsoon Semester)

Name of the Academic Department / Center: Chemical Engineering

Academic Year: 2025

Session: July- Nov 2025 (Monsoon Semester)

The Complete List of all Courses that will be offered by the Department/ Center in the next semester (including preparatory, core, compulsory, elective, theory, lab, seminar, project, reading course, etc.) is to be given below.

| Sl. No. | Course No. | Course Title                                                                    | L | T | P  | C  | Type of Course (Compulsory / Open Elective/ Dept. Elective) | Offered to Whom [Program (Semester, Specialization : Deptt.)] | Name(s) of Course Instructor(s)                   | IITG Email ids of Instructors (without @iitg.ac.in) | Class Slot | Exam Slot | Room No. | Appx.Student Strength* |
|---------|------------|---------------------------------------------------------------------------------|---|---|----|----|-------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------|------------|-----------|----------|------------------------|
| 1       | CL1101     | Chemical Engineering Fundamentals                                               | 3 | 0 | 0  | 6  | Compulsory                                                  | UG (I ; CL)                                                   | Moholkar VS                                       | vmoholkar                                           | A          | A1        | 5306     | 100                    |
| 2       | CL1102     | Fundamentals of Process Calculations                                            | 2 | 1 | 0  | 6  | Compulsory Common Basic Sci. and Engg.                      | UG (I ; BSBE)                                                 | Animes K Golder                                   | animes                                              | A          | A1        | 5401     |                        |
| 3       | CL1103     | Fundamentals of Process Calculations                                            | 2 | 1 | 0  | 6  | Compulsory Common Basic Sci. and Engg.                      | UG (I ; CST; CH)                                              | R. Prasanna                                       | rprasanna                                           | A          | A1        | 5302     | 70                     |
| 4       | CL201      | Chemical Process Calculations                                                   | 2 | 1 | 0  | 6  | Compulsory                                                  | UG (III ; CST; CH)                                            | V. Prabu                                          | v.prabu                                             | C          | C         | 5006     | 70                     |
| 5       | CL 201     | Chemical Process Calculations                                                   | 2 | 1 | 0  | 6  | Compulsory                                                  | UG (III ; CL)                                                 | Animes K Golder                                   | animes                                              | C          | C         | 5003     | 100                    |
| 5       | CL 202     | Fluid Mechanics                                                                 | 2 | 1 | 0  | 6  | Compulsory                                                  | UG (III ; CL)                                                 | Tapas K Mandal                                    | tapasche                                            | E          | D         | 5003     | 100                    |
| 6       | CL 202     | Fluid Mechanics                                                                 | 2 | 1 | 0  | 6  | Compulsory                                                  | UG (III; CST; CH)                                             | Raghvendra Gupta,                                 | guptar                                              | A          | D         | 5006     | 70                     |
| 7       | CL 203     | Chemical Engineering Thermodynamics                                             | 3 | 1 | 0  | 8  | Compulsory                                                  | UG (III ; CL)                                                 | Amit Kumar, Tamal Banerjee                        | amitikumar; tamalb                                  | A          | E         | 5003     | 100                    |
| 8       | CL 204     | Heat Transfer                                                                   | 2 | 1 | 0  | 6  | Compulsory                                                  | UG (III ; CL)                                                 | D. Bandyopadhyay                                  | dlpban                                              | F          | F         | 5003     | 100                    |
| 9       | CL 301     | Mass Transfer - II                                                              | 2 | 2 | 0  | 8  | Compulsory                                                  | UG (V ; CL)                                                   | Siddhartha Mukherjee, Shambojit Roy               | siddhartha.chem; shro3435@iitg.ac.in                | C1         | C1        | 5003     | 100                    |
| 10      | CL 302     | Chemical Reaction Engineering - II                                              | 2 | 1 | 0  | 6  | Compulsory                                                  | UG (V ; CL)                                                   | A K Dasmahapatra                                  | akdm                                                | D1         | D1        | 5003     | 100                    |
| 11      | CL 303     | Process Control and Instrumentation                                             | 3 | 1 | 0  | 8  | Compulsory                                                  | UG (V ; CL)                                                   | Prabirkumar Saha                                  | p.saha                                              | A1         | A1        | 5003     | 100                    |
| 12      | CL 310     | Solid Fluid Operations Laboratory                                               | 0 | 0 | 3  | 3  | Compulsory                                                  | UG (V ; CL)                                                   | Nageswara Rao Peela, Debjit Ghosal, Supriya Gupta | peelanr ; debjitghoshal; spgupta                    | ML4        |           | LAB      | 100                    |
| 13      | CL 311     | Technical Writing and Presentation                                              | 0 | 0 | 2  | 2  | Compulsory                                                  | UG (V ; CL)                                                   | Ramgopal Uppaluri, Chandan Das                    | ramgopalv; cdas                                     | B1         |           | 5003     | 100                    |
| 14      | CL 398     | General Learning of Chemical Engineering Research Project - I**                 | 0 | 0 | 3  | 3  | Optional                                                    | UG (V ; CL)                                                   | DUPC                                              | dupc.chemical                                       |            |           |          |                        |
| 15      | CL 498     | Project - I (BTP-I)                                                             | 0 | 0 | 12 | 12 | Compulsory                                                  | UG (VII ; CL)                                                 | DUPC                                              | dupc.chemical                                       |            |           |          |                        |
| 16      | CL 501     | Advanced Transport Phenomena                                                    | 3 | 0 | 0  | 6  | Compulsory                                                  | PG (I, MST, PST, PhD ; CL)                                    | Nanda Kishore                                     | nkishore                                            | C          | C         | 2202     | 70                     |
| 17      | CL 502     | Computer Aided Numerical Methods                                                | 2 | 1 | 2  | 8  | Compulsory                                                  | PG (I, MST, PST, CAPE, PhD ; CL)                              | Prakash Kotecha, R. Anandalakshmi                 | pkotecha; anandalakshmi                             | B          | B         | 2201     | 100                    |
| 18      | CL 511     | Petroleum Reservoir Engineering                                                 | 3 | 0 | 0  | 6  | Compulsory                                                  | PG (I, PST, PhD ; CL)                                         | Pankaj Tiwari                                     | pankaj.tiwari                                       | D          | D         | 2202     | 40                     |
| 19      | CL 512     | Petroleum Refinery Engineering                                                  | 3 | 0 | 0  | 6  | Compulsory                                                  | PG (I, PST, PhD ; CL)                                         | G. Pugazhenthir                                   | pugal                                               | A          | A         | 2202     | 40                     |
| 20      | CL 513     | Characterization of Materials                                                   | 2 | 0 | 2  | 6  | Compulsory                                                  | PG (I, MST, PhD ; CL)                                         | Vaibhav V. Goud, Nageswara Rao Peela              | vvgoud ; peelanr                                    | A          | A         | 2201     | 40                     |
| 21      | CL 645     | Applied Statistics for Chemical Engineers                                       | 3 | 0 | 0  | 6  | Compulsory                                                  | PG (I, CAPE , PhD; CL)                                        | Pallab Ghosh                                      | pallabg                                             | A          | A         | 2201     | 40                     |
| 22      | CL 652     | Process Modelling and Simulation                                                | 0 | 0 | 3  | 3  | Compulsory                                                  | PG (I, CAPE; CL)                                              | Tamal Banerjee, S. Senthilmurugan                 | tamalb; senthilmurugan                              | AL1        |           | LAB      | 30                     |
| 23      | CL 698     | Project - I (MTP-I)                                                             | 0 | 0 | 24 | 24 | Compulsory                                                  | PG (III, MST, CAPE, PST ; CL)                                 | DPCC                                              | dpcc.chemical                                       |            |           |          | 90                     |
| 24      | CL 612     | Colloid and Interface Science                                                   | 3 | 0 | 0  | 6  | Department Elective                                         | UG (VII ; CL); PG (I, MST, PST, CAPE, PhD; CL)                | O. S. Deshmukh                                    | o.deshmukh                                          | A1         | A1        | 2201     | 115                    |
| 25      | CL 614     | Fluidization Engg                                                               | 3 | 0 | 0  | 6  | Department Elective                                         | UG (VII ; CL); PG (I, MST, PST, CAPE, PhD; CL)                | S K Majumder, Anugraha Singh                      | skmaju ; anugrah                                    | C1         | C1        | 2202     | 80                     |
| 26      | CL 623     | Polymer Science & Technology                                                    | 3 | 0 | 0  | 6  | Open Elective and Dept. Elective                            | UG (V, VII); PG (I, PhD; all)                                 | Vimal Katiyar                                     | vkatiyar                                            | F          | F         | 5402     | 130                    |
| 27      | CL 629     | Membranes                                                                       | 3 | 0 | 0  | 6  | Dept. Elective                                              | UG (VII; CL); PG (I, MST, PST, CAPE, PhD; CL)                 | K. Mohanty, B. Mandal                             | kmohanty; bpmandal                                  | G          | G         | 5003     | 80                     |
| 28      | CL 630     | Composite Materials                                                             | 3 | 0 | 0  | 6  | Open Elective and Dept. Elective                            | UG (VII); PG (I, PhD; all)                                    | Chandan Das                                       | cdas                                                | F          | F         | 5205     | 55                     |
| 29      | CL631      | Smart materials                                                                 | 3 | 0 | 0  | 6  | Department Elective                                         | PG (I, MST, PST, CAPE, PhD ; CL)                              | Mihir K Purkait                                   | mihir                                               | D1         | D1        | 2202     | 50                     |
| 30      | CL 640     | Research Methodology and Scientific Writing                                     | 3 | 0 | 0  | 6  | Department Elective                                         | PG (PhD; CL)                                                  | Ramgopal Uppaluri                                 | ramgopalv                                           | E1         | E1        | 2202     | 40                     |
| 31      | CL 643     | Computer Aided Applied Optimization                                             | 2 | 0 | 2  | 6  | Open Elective and Dept. Elective                            | UG (V, VII); PG (I, PhD; all)                                 | Prakash Kotecha                                   | pkotecha                                            | F          | F         | 5G3      | 130                    |
| 32      | CL644      | Petroleum Reservoir Simulation                                                  | 3 | 0 | 0  | 6  | Department Elective                                         | UG (V, VII ; CL); PG (I, MST, PST, CAPE, PhD ; CL)            | Sumit Kumar                                       | s.kumar                                             | G          | G         | 2202     | 60                     |
| 33      | CL 649     | Polymer Soft Lithography                                                        | 3 | 0 | 0  | 6  | Department Elective                                         | UG (VII ; CL); PG (I, MST, PST, CAPE, PhD; CL)                | Partho S. G. Pattader                             | psgp                                                | G1         | G1        | 2202     | 80                     |
| 34      | CL 655     | Enhanced Oil Recovery                                                           | 3 | 0 | 0  | 6  | Department Elective                                         | UG (VII ; CL); PG (I, MST, PST, PhD ; CL)                     | Abhijit Kakati                                    | abhijitkakati                                       | B1         | B1        | 2202     | 60                     |
| 35      | IFST 001   | Advanced Food Processing                                                        | 3 | 0 | 0  | 6  | Compulsory                                                  | PG (I ; IFST, Indian and Japaneese)                           | Omkar S. Deshmukh, R. Anandalakshmi;              | o.deshmukh; anandalakshmi                           | E          | C         | 2202     | 10                     |
| 36      | IFST 002   | International Joint Exercises in Food Science and Technology-B (Jointly design) | 1 | 0 | 0  | 2  | Compulsory                                                  | PG (I ; IFST, Indian and Japaneese)                           | Omkar S. Deshmukh                                 | o.deshmukh                                          |            |           |          | 10                     |
| 37      | IFST 003   | International Joint Global Internship & Seminar                                 | 3 | 0 | 0  | 6  | Compulsory                                                  | PG (I ; IFST, Indian and Japaneese)                           | Chandan Das                                       | cdas                                                | B          | B         | 2001     | 10                     |
| 38      | IFST 005   | Design Thinking and scientific writing                                          | 3 | 0 | 0  | 6  | Compulsory                                                  | PG (I ; IFST, Indian)                                         | Ramgopal Uppaluri                                 | ramgopalv                                           | E1         | E1        | 2202     | 10                     |
| 39      | IFST 019   | Joint Degree Dissertation                                                       | 0 | 0 | 9  | 18 | Compulsory                                                  | PG (III ; IFST, Indian)                                       | Chandan Das                                       | cdas                                                |            |           |          | 10                     |

| CLASSWISE TIME-TABLE: JULY-NOV 2025                 |             |             |               |                    |                    |               |               |               |               |               |
|-----------------------------------------------------|-------------|-------------|---------------|--------------------|--------------------|---------------|---------------|---------------|---------------|---------------|
| Semester-III BTech                                  |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 |             | ME212       | CL201         | MA201              | CL204              |               |               |               |               |               |
| Tue                                                 | CL202       | CL203       | ME212         | CL201              | CL204              |               |               |               |               |               |
| Wed                                                 | MA201       | CL202       | CL203         | ME212              | Minor I            |               |               |               |               |               |
| Thu                                                 |             | MA201       | CL202         | CL203              | Minor I            |               |               |               |               |               |
| Fri                                                 | CL203       | CL201       | MA201         | CL204              | Minor I            |               |               |               |               |               |
| Semester-V BTech                                    |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 |             |             |               |                    |                    | Open Elective | CL301         | CL301         |               | CL303         |
| Tue                                                 |             |             |               |                    |                    | Open Elective | CL311         | CL311         | CL303         | Minor-III     |
| Wed                                                 |             |             |               |                    |                    | HSS Elective  | CL301         | CL303         | Minor-III     | CL302         |
| Thu                                                 |             | CL 310      |               |                    |                    | HSS Elective  | CL303         | Minor-III     | CL302         | CL301         |
| Fri                                                 |             |             |               |                    |                    | HSS Elective  | Open Elective | CL302         |               |               |
| Semester-VII BTech                                  |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 |             |             |               |                    | Open Elective      |               |               |               |               |               |
| Tue                                                 |             | Minor V     |               |                    | Open Elective      |               |               |               |               |               |
| Wed                                                 |             |             | Minor V       |                    | HSS Elective       |               |               |               |               |               |
| Thu                                                 |             |             |               | Minor V            | HSS Elective       |               |               |               |               |               |
| Fri                                                 |             |             |               | Open Elective      | HSS Elective       |               |               |               |               |               |
| Semester-I MST                                      |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 | CL502       | CL502       | CL501         |                    |                    |               |               |               |               |               |
| Tue                                                 | CL513       | CL513       | CL502         | CL501              |                    |               |               |               |               |               |
| Wed                                                 |             |             | CL513         |                    |                    |               |               |               |               |               |
| Thu                                                 | CL502       | CL502       |               | CL513              |                    |               |               |               |               |               |
| Fri                                                 |             | CL501       |               |                    |                    |               |               |               |               |               |
| Semester-I PST                                      |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 | CL502       | CL502       | CL501         | CL511              |                    |               |               |               |               |               |
| Tue                                                 |             | CL512       | CL502         | CL501              |                    |               |               |               |               |               |
| Wed                                                 |             |             | CL512         |                    |                    |               |               |               |               |               |
| Thu                                                 | CL502       | CL502       | CL511         | CL512              |                    |               |               |               |               |               |
| Fri                                                 |             | CL501       | CL511         |                    |                    |               |               |               |               |               |
| Semester-I CAPE                                     |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 | CL502       | CL502       | CL501         | CL645              |                    |               |               | CL652         |               |               |
| Tue                                                 |             |             | CL502         | CL501              |                    |               |               |               |               |               |
| Wed                                                 |             | CL645       |               |                    |                    |               |               |               |               |               |
| Thu                                                 | CL502       | CL502       | CL645         |                    |                    |               |               |               |               |               |
| Fri                                                 |             | CL501       |               |                    |                    |               |               |               |               |               |
| Electives                                           |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 |             |             |               |                    | CL 623/CL630/CL643 |               | CL631         | C614          | CL655         | CL612         |
| Tue                                                 |             |             |               |                    | CL 623/CL630/CL643 |               | CL649         | CL655         | CL612         | CL640         |
| Wed                                                 |             |             |               |                    | CL629/CL644        |               | CL649         | CL612         | CL640         | CL631         |
| Thu                                                 |             |             |               |                    | CL629/CL644        |               |               | CL640         | CL631         | CL614         |
| Fri                                                 |             |             |               | CL 623/CL630/CL643 | CL629/CL644        |               |               | CL649         | CL614         | CL655         |
| IFST                                                |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
| Mon                                                 | IFST 001    |             | IFST 003      |                    |                    |               |               |               |               |               |
| Tue                                                 | IFST 001    |             |               | IFST 003           |                    |               |               |               |               | IFST 005      |
| Wed                                                 |             | IFST 001    |               |                    |                    |               |               |               | IFST 005      |               |
| Thu                                                 |             |             |               |                    |                    |               |               | IFST 005      |               |               |
| Fri                                                 |             | IFST 003    |               |                    |                    |               |               |               |               |               |
| Institute Timetable for July-November 2025 Semester |             |             |               |                    |                    |               |               |               |               |               |
| Day                                                 | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55      | 12:00 - 12:55      | 1:00 - 1:55   | 2:00 - 2:55   | 3:00 - 3:55   | 4:00 - 4:55   | 5:00 - 5:55   |
| Mon                                                 | A           | B           | C             | D                  | F                  | F1            | D1            | C1            | B1            | A1            |
| Tue                                                 | E           | A           | B             | C                  | F                  | F1            | C1            | B1            | A1            | E1            |
| Wed                                                 | D           | E           | A             | B                  | G                  | G1            | B1            | A1            | E1            | D1            |
| Thu                                                 | C           | D           | E             | A                  | G                  | G1            | A1            | E1            | D1            | C1            |
| Fri                                                 | B           | C           | D             | F                  | G                  | G1            | F1            | D1            | C1            | B1            |
|                                                     |             |             | ML1           |                    |                    |               |               | AL1           |               |               |
|                                                     |             |             | ML2           |                    |                    |               |               | AL2           |               |               |
|                                                     |             |             | ML3           |                    |                    |               |               | AL3           |               |               |
|                                                     |             |             | ML4           |                    |                    |               |               | AL4           |               |               |
|                                                     |             |             | ML5           |                    |                    |               |               | AL5           |               |               |

# ROOMWISE TIME-TABLE: JULY-NOV 2025

## Room 5003 (Seating capacity: 120)

| Day | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55 | 12:00 - 12:55 | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
|-----|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Mon |             | ME212       | CL201         |               | CL204         |               | CL301         | CL301         | B1            | CL303         |
| Tue | CL202       | CL203       | ME212         | CL201         | CL204         |               | CL311         | CL311         | CL303         |               |
| Wed |             | CL202       | CL203         | ME212         | CL629         |               | CL301         | CL303         |               | CL302         |
| Thu |             |             | CL202         | CL203         | CL629         |               | CL303         |               | CL302         | CL301         |
| Fri | CL203       | CL201       |               | CL204         | CL629         |               |               | CL302         | C1            | B1            |

## Room 2201 (Seating capacity: 150)

| Day | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55 | 12:00 - 12:55 | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55 | 16:00 - 16:55 | 17:00 - 17:55 |
|-----|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Mon | CL502       | CL502       | IFST 003      | CL645         |               |               |               |               |               | CL612         |
| Tue | CL513       | CL513       | CL502         | IFST 003      |               |               |               |               | CL612         |               |
| Wed |             | CL645       | CL513         |               |               |               |               | CL612         |               |               |
| Thu | CL502       | CL502       | CL645         | CL513         |               |               |               |               |               |               |
| Fri |             | IFST 003    |               |               |               |               |               |               |               |               |

## Room 2202 (Seating capacity: 120)

| Day | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55 | 12:00 - 12:55 | 13:00 - 13:55 | 14:00 - 14:55 | 15:00 - 15:55   | 16:00 - 16:55   | 17:00 - 17:55   |
|-----|-------------|-------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|
| Mon | IFST 001    |             | CL501         | CL511         |               |               | CL631         | C614            | CL655           |                 |
| Tue | IFST 001    | CL512       |               | CL501         |               |               | CL649         | CL655           |                 | CL640 / IFST005 |
| Wed |             | IFST 001    | CL512         |               | CL644         |               | CL649         |                 | CL640 / IFST005 | CL631           |
| Thu |             |             | CL511         | CL512         | CL644         |               |               | CL640 / IFST005 | CL631           | CL614           |
| Fri |             | CL501       | CL511         |               | CL644         |               |               | CL649           | CL614           | CL655           |

## Institute Timetable for July-November 2025 Semester

| Day | 8:00 - 8:55 | 9:00 - 9:55 | 10:00 - 10:55 | 11:00 - 11:55 | 12:00 - 12:55 | 1:00 - 1:55 | 2:00 - 2:55 | 3:00 - 3:55 | 4:00 - 4:55 | 5:00 - 5:55 |
|-----|-------------|-------------|---------------|---------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Mon | A           | B           | C             | D             | F             | F1          | D1          | C1          | B1          | A1          |
|     | ML1         |             |               |               |               |             | AL1         |             |             |             |
| Tue | E           | A           | B             | C             | F             | F1          | C1          | B1          | A1          | E1          |
|     | ML2         |             |               |               |               |             | AL2         |             |             |             |
| Wed | D           | E           | A             | B             | G             | G1          | B1          | A1          | E1          | D1          |
|     | ML3         |             |               |               |               |             | AL3         |             |             |             |
| Thu | C           | D           | E             | A             | G             | G1          | A1          | E1          | D1          | C1          |
|     | ML4         |             |               |               |               |             | AL4         |             |             |             |
| Fri | B           | C           | D             | F             | G             | G1          | F1          | D1          | C1          | B1          |
|     | ML5         |             |               |               |               |             | AL5         |             |             |             |