

De La Salle University  
**GOKONGWEI COLLEGE OF ENGINEERING**  
**Bachelor of Science in Civil Engineering with Specialization in Construction Technology and Management**  
**CHECKLIST FOR FRESHMEN WHO STARTED AY 2025-2026**

| FIRST TERM  |                                                       |       |               |                   |
|-------------|-------------------------------------------------------|-------|---------------|-------------------|
| COURSE      | COURSE TITLE                                          | UNITS | PREREQUISITES |                   |
| NSTP101     | National Service Training Program-General Orientation | 0     |               |                   |
| FNDMATH     | Foundation Course in Mathematics                      | 5     |               |                   |
| BASCHEM     | Basic Chemistry                                       | 3     |               |                   |
| PHYSC01     | Physics Fundamentals for Science and Engineering      | 3     |               |                   |
| FNDSTAT     | Foundation Course in Statistics                       | 3     |               |                   |
| LBYPE1A     | Engineering Drawing                                   | 1     |               |                   |
| CEORIEN     | CE Orientation                                        | 2     |               |                   |
|             |                                                       |       |               |                   |
|             |                                                       |       |               |                   |
|             |                                                       |       |               |                   |
| TOTAL       |                                                       | 17    |               |                   |
| SECOND TERM |                                                       |       |               |                   |
| COURSE      | COURSE TITLE                                          | UNITS | PREREQUISITES |                   |
| NSTPCW1     | National Service Training Program 1                   | (3)   |               |                   |
| LCC..01     | Lasallian Core Curriculum (Place Holder 01)           | 3     |               |                   |
| LCC..02     | Lasallian Core Curriculum (Place Holder 02)           | 3     |               |                   |
| CESURVE     | Fundamentals of Surveying                             | 3     | H / S         | LBYPE1A / FNDMATH |
| CALENG1     | Differential Calculus                                 | 3     | H             | FNDMATH           |
|             |                                                       |       |               |                   |
| ENGCHEM     | Chemistry for Engineers                               | 3     | H             | BASCHEM           |
| LBBCH1A     | Chemistry for Engineers Laboratory                    | 1     | C             | ENGCHEM           |
|             |                                                       |       |               |                   |
|             |                                                       |       |               |                   |
|             |                                                       |       |               |                   |
| TOTAL       |                                                       | 16    |               |                   |
| THIRD TERM  |                                                       |       |               |                   |
| COURSE      | COURSE TITLE                                          | UNITS | PREREQUISITES |                   |
| NSTPCW2     | National Service Training Program 2                   | (3)   | H             | NSTPCW1           |
| LCLSONE     | Lasallian Studeis 1                                   | (1)   |               |                   |
| SAS1000     | Student Affairs Services 1000                         | 0     |               |                   |
| LASARE 1    | Lasallian Recollection 1                              | 0     |               |                   |
| ENGPHS1     | Physics for Engineers                                 | 3     | H / S         | PHYSC01 / CALENG1 |
| LBYPH1A     | Physics for Engineers Laboratory                      | 1     | C             | ENGPHS1           |
|             |                                                       |       |               |                   |
| LBYCV1A     | Elementary Surveying Laboratory                       | 1     | H             | CESURVE           |
| ENGENVI     | Environmental Science and Engineering                 | 3     | H             | ENGCHEM           |
| CEECONO     | Engineering Economy for CIV                           | 3     | S             | CALENG1           |
|             |                                                       |       |               |                   |
| CEGEOLO     | Geology for CIV                                       | 2     | H             | ENGCHEM           |
| CALENG2     | Integral Calculus                                     | 3     | H             | CALENG1           |
| LCC..03     | Lasallian Core Curriculum (Place Holder 03)           | 3     |               |                   |
| TOTAL       |                                                       | 19    |               |                   |

**LEGEND:** H = HARD PRE-REQUISITE  
S = SOFT PRE-REQUISITE  
C = CO - REQUISITE

**TOTAL UNITS** 205 (9)

| FOURTH TERM |                                             |       |               |                   |
|-------------|---------------------------------------------|-------|---------------|-------------------|
| COURSE      | COURSE TITLE                                | UNITS | PREREQUISITES |                   |
| SAS2000     | Student Affairs Services 2000               | 0     |               |                   |
| LCC..04     | Lasallian Core Curriculum (Place Holder 04) | 3     |               |                   |
| PE1CRDO     | Cardio Fitness                              | 2     |               |                   |
| LBYCV2A     | Higher Surveying Laboratory                 | 1     | H             | LBYCV1A           |
| DATAENG     | Engineering Data Analysis                   | 3     | H / S         | FNDSTAT / CALENG2 |
| ENGMEC1     | Statics of Rigid Bodies                     | 3     | H / S         | ENGPHS1 / CALENG2 |
| CEHDROL     | Hydrology                                   | 2     | H / S         | ENGENVI / CEGEOLO |
| LBYCV2B     | Hydrology Laboratory                        | 1     | C             | CEHDROL           |
| LBYPE1B     | Computer Aided Drafting                     | 1     | H             | LBYPE1A           |
| CALENG3     | Differential Equations                      | 3     | H             | CALENG2           |
| TOTAL       |                                             | 19    |               |                   |
| FIFTH TERM  |                                             |       |               |                   |
| COURSE      | COURSE TITLE                                | UNITS | PREREQUISITES |                   |
| LCC..05     | Lasallian Core Curriculum (Place Holder 05) | 3     |               |                   |
| PE2FTEX     | Functional Exercise                         | 2     | H             | PE1CRDO           |
| ENGMEC2     | Dynamics of Rigid Bodies                    | 2     | S             | ENGMEC1           |
| CEHDRA1     | Hydraulics 1                                | 3     | H / C         | CALENG2 / ENGMEC2 |
| CENUMER     | Numerical Solutions to CE Problems          | 2     | H             | CALENG3           |
| LBYCV2C     | CENUMER Laboratory                          | 1     | C             | CENUMER           |
| ENGMEC3     | Mechanics of Deformable Bodies              | 3     | H             | ENGMEC1           |
| CEMANAG     | Engineering Management for CIV              | 2     | S             | CEECONO           |
|             |                                             |       |               |                   |
|             |                                             |       |               |                   |
| TOTAL       |                                             | 18    |               |                   |
| SIXTH TERM  |                                             |       |               |                   |
| COURSE      | COURSE TITLE                                | UNITS | PREREQUISITES |                   |
| LCLSTWO     | Lasallian Studies 2                         | (1)   |               |                   |
| LCC..06     | Lasallian Core Curriculum (Place Holder 06) | 3     |               |                   |
| LCC..07     | Lasallian Core Curriculum (Place Holder 07) | 3     |               |                   |
| LASARE 2    | Lasallian Recollection 2                    | 0     |               |                   |
| LCC..08     | Lasallian Core Curriculum (Place Holder 08) | 3     |               |                   |
| CEHDRA2     | Hydraulics 2                                | 2     | H             | CEHDRA1           |
| LBYCV2D     | Hydraulics Laboratory                       | 1     | C             | CEHDRA2           |
| CEMEDEF     | Advanced Mechanics of Deformable Bodies     | 2     | H             | ENGMEC3           |
| CESTRUC     | Theory of Structures                        | 3     | H / C         | ENGMEC3 / CEMEDEF |
| LBYCV2E     | Theory of Structure Laboratory              | 1     | C             | CESTRUC           |
| LBYES2A     | Computer Fundamentals and Programming       | 1     |               |                   |
|             |                                             |       |               |                   |
| TOTAL       |                                             | 19    |               |                   |

1. Please take note that courses should not be enrolled without passing their respective pre-requisite and taking (not necessarily passed) their soft-requisite. Be reminded that not following so will cause the course to be INVALIDATED.

2. This checklist is tentative and subject to change.

Please be guided accordingly. Thank you.

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