

# Student Progress Tracking Sheet– Academic year 2025/2026: Semester II

## DEPARTMENT OF MECHATRONICS



Student name: ..... Student Reg. No: .....

Date and Place of birth (MM/DD/YY):.....

Department:.....Level of studies:.....

Leave it blank

**\* The student should only fill in the passed subjects with the passing grade.**

|             | COURSE CODE | COURSE NAME                           | CR  | PRE-REQ | R.G | SEM/ YEAR | GRADE |
|-------------|-------------|---------------------------------------|-----|---------|-----|-----------|-------|
| <b>PREP</b> | ENGL 1000P  | Basic English                         | 1.5 | None    |     |           |       |
|             | MATH 1000P  | Pure mathematics                      | 1.5 | None    |     |           |       |
|             | CS 1002     | Introduction to computing disciplines | 1.5 | None    |     |           |       |
|             | LEAD 1000P  | Critical thinking                     | 1.5 | None    |     |           |       |
|             | CHEM 1000P  | Basic chemistry                       | 1.5 | None    |     |           |       |
|             | ENGR 1000P  | Engineering Concepts                  | 1.5 | None    |     |           |       |

|                    | COURSE CODE | Course title                                 | CR        | PRE-REQ    | R.G | SEM/ YEAR | GRADE |
|--------------------|-------------|--|-----------|------------|-----|-----------|-------|
| <b>FRESH MAN 1</b> | ENGL 1101   | Composition I                                | 3         |            | B   |           |       |
|                    | MATH 1113   | Pre-Calculus                                 | 4         |            | B   |           |       |
|                    | LEAD 1101   | Introduction to Leadership                   | 1         | LEAD 1000P | C   |           |       |
|                    | ENGR 1000   | Introduction to Engineering                  | 1         |            | B   |           |       |
|                    | MTRE 1001L  | Introduction to Mechatronics Engineering Lab | 1         |            | B   |           |       |
|                    | EE 1010     | Introduction to Circuit Analysis             | 2         |            | B   |           |       |
|                    | CHEM 1210   | Introduction to General chemistry            | 3         |            | B   |           |       |
|                    | EDG 1211    | Engineering Graphics                         | 3         |            | B   |           |       |
|                    | HIST 1111   | World Civilization Pre 1500                  | 3         |            | B   |           |       |
|                    | CS 1003     | C-Programming Language                       | 3         |            | B   |           |       |
|                    |             | Total Credits                                | <b>24</b> |            |     |           |       |

|                     | COURSE CODE | COURSE NAME                         | CR        | PRE-REQ    | R.G | SEM/ YEAR | GRADE |
|---------------------|-------------|-------------------------------------|-----------|------------|-----|-----------|-------|
| <b>FRESH MAN II</b> | MATH 1190   | Calculus I                          | 4         | MATH 1113  | B   |           |       |
|                     | ENGL 1102   | Composition II                      | 3         | ENGL 1101  | B   |           |       |
|                     | EE 1101     | Electrical Circuit Analysis         | 2         | EE 1010    | B   |           |       |
|                     | EE 1101L    | Electrical Circuit Analysis lab     | 1         | EE 1010    | B   |           |       |
|                     | ENGL 2100   | African Literature                  | 3         | ENGL 1101  | C   |           |       |
|                     | ARTS 2000   | African Arts and Culture            | 3         | ENGL 1101  | C   |           |       |
|                     | CSE 1301    | Programming & Problem solving I     | 2         |            | B   |           |       |
|                     | CSE 1301L   | Programming & Problem solving I Lab | 1         |            | B   |           |       |
|                     | ECET 1020   | Programming for Engineers           | 2         |            | B   |           |       |
|                     | CS 1004     | Python Programming Language         | 1         |            | C   |           |       |
|                     | MTRE 1002   | Engineering Clinics I               | 2         | MTRE 1001L | B   |           |       |
|                     |             | Total Credits                       | <b>24</b> |            |     |           |       |

|                     | COURSE CODE | COURSE NAME                          | CR            | PRE-REQ   | R.G | SEM/ YEAR | GRADE |
|---------------------|-------------|--------------------------------------|---------------|-----------|-----|-----------|-------|
| <b>SOPHO MORE I</b> | EE 1200     | Digital Electronics I                | 3             |           | B   |           |       |
|                     | EE 1200L    | Digital Electronics I Lab            | 1             |           | B   |           |       |
|                     | PHYS 2211   | Principles of Physics I              | 3             | MATH 1113 | B   |           |       |
|                     | PHYS 2211L  | Principles of Physics I Lab          | 1             | MATH 1113 | B   |           |       |
|                     | STS 2400    | Science, Technology and Society      | 3             | ENG1101   | C   |           |       |
|                     | ECON 2106   | Principles of Microeconomics         | 2             |           | C   |           |       |
|                     | MATH 2254   | Calculus II                          | 4             | MATH 1190 | B   |           |       |
|                     | EE 2300     | Electronics devices and Circuits     | 3             | EE 1101   | B   |           |       |
|                     | EE2300L     | Electronics devices and Circuits Lab | 1             | EE 1101   | B   |           |       |
|                     | MTRE 2720   | Engineering clinics II               | 3             |           |     |           |       |
|                     |             |                                      | Total Credits | <b>24</b> |     |           |       |

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|                          | COURSE CODE | COURSE NAME                              | C<br>R    | PRE-REQ   | R.G | SEM/ YEAR | GRADE |
|--------------------------|-------------|--|-----------|-----------|-----|-----------|-------|
| <b>SOPHO<br/>MORE II</b> | MATH 2203   | Calculus III                             | 4         | MATH 2254 | B   |           |       |
|                          | ENGR 2214   | Engineering Mechanics Statics            | 3         | PHYS 2211 | B   |           |       |
|                          | MTRE 2110   | Electrical Machines                      | 3         | PHYS 2212 | B   |           |       |
|                          | MTRE 2110L  | Electrical Machines Lab                  | 1         | PHYS 2212 | B   |           |       |
|                          | PHYS 2212   | Principles of Physics II                 | 3         | PHYS 2211 |     |           |       |
|                          | PHYS 2212L  | Principles of Physics II Lab             | 1         | PHYS 2211 |     |           |       |
|                          | MTRE 2710   | Programming for Mechatronics             | 2         | CSE 1301  | B   |           |       |
|                          | MTRE 2710L  | Programming for Mechatronics Lab         | 1         | CSE 1301  | B   |           |       |
|                          | EE 2502     | Digital Electronics II & Microprocessors | 3         | EE 2501   | B   |           |       |
|                          | EE 2502L    | Digital Electronics II & Microprocessors | 1         | EE 2501   | B   |           |       |
|                          | CS 2000     | Artificial Intelligence                  | 1         | CS 1004   | C   |           |       |
|                          |             | <b>Total Credits</b>                     | <b>23</b> |           |     |           |       |

|                     | COURSE CODE | COURSE NAME                                      | CR                   | PRE-REQ   | R.G | SEM/YEAR | GRADE |
|---------------------|-------------|--|----------------------|-----------|-----|----------|-------|
| <b>JUNIOR<br/>I</b> | LEAD 1102   | Leadership                                       | 1                    | LEAD 1101 | C   |          |       |
|                     | MTRE 3720   | Introduction to PLCs and Microcontrollers        | 3                    | MTRE 2710 | B   |          |       |
|                     | EE 3201     | Industrial Electronics and drives                | 3                    | EE 2300   | B   |          |       |
|                     | MATH 2306   | Ordinary Differential Equations                  | 3                    | MATH 2254 | B   |          |       |
|                     | ENGR 3122   | Engineering Mechanics- Dynamics                  | 3                    | ENGR 2214 | B   |          |       |
|                     | MTRE 3610   | Modeling and Feedback Control of Dynamic Systems | 3                    | MTRE 2110 | B   |          |       |
|                     | ENGR 3131   | Strength of Materials                            | 3                    | ENGR 2214 | B   |          |       |
|                     | CP 3102     | Capstone Project-Phase -1                        | -                    |           | B   |          |       |
|                     |             |  | <b>Total Credits</b> | <b>19</b> |     |          |       |

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